

UNCLASSIFIED

**Department of Defense
Fiscal Year (FY) 2015 Budget Estimates**

March 2014



Air Force

Justification Book Volume 1

Other Procurement, Air Force

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Air Force • Budget Estimates FY 2015 • Procurement

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Appropriation Language
Fiscal Year (FY) 2015 Budget Estimates
Other Procurement, Air Force

For procurement and modification of equipment (including ground guidance and electronic control equipment, and ground electronic and communication equipment), and supplies, materials, and spare parts therefore, not otherwise provided for; the purchase of passenger motor and expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon, prior to approval of title; reserve plant and Government and contractor-owned equipment layaway, \$16,566,018,000 to remain available for obligation until September 30, 2017.

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Department of the Air Force
FY 2015 President's Budget
Exhibit P-1 FY 2015 President's Budget
Total Obligational Authority
(Dollars in Thousands)

04 Mar 2014

Appropriation: Other Procurement, Air Force

Budget Activity -----	FY 2013 (Base & OCO) -----	FY 2014 Base Enacted -----	FY 2014 OCO Enacted -----	FY 2014 Total Enacted -----	FY 2015 Base -----
02. Vehicular Equipment	115,440	53,398		53,398	123,816
03. Electronics and Telecommunications Equip	1,352,736	1,110,532	7,495	1,118,027	1,471,617
04. Other Base Maintenance and Support Equip	16,761,536	15,385,642	2,510,351	17,895,993	14,937,772
05. Spares and Repair Parts	12,231	21,596		21,596	32,813
Total Other Procurement, Air Force	18,241,943	16,571,168	2,517,846	19,089,014	16,566,018

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Department of the Air Force
FY 2015 President's Budget
Exhibit P-1 FY 2015 President's Budget
Total Obligational Authority
(Dollars in Thousands)

04 Mar 2014

Appropriation: 3080F Other Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
Budget Activity 02: Vehicular Equipment								

Passenger Carrying Vehicles								
1	Passenger Carrying Vehicles	A	2,026	2,048		2,048	6,528	U
Cargo and Utility Vehicles								
2	Medium Tactical Vehicle	A	38,032	1,000		1,000	7,639	U
3	Cap Vehicles	A	859	946		946	961	U
4	Items Less Than \$5 Million	A	947	5,118		5,118	11,027	U
Special Purpose Vehicles								
5	Security And Tactical Vehicles	A	10,836	2,000		2,000	4,447	U
6	Items Less Than \$5 Million	A	7,968	5,308		5,308	693	U
Fire Fighting Equipment								
7	Fire Fighting/Crash Rescue Vehicles	A	21,604	23,794		23,794	10,152	U
Materials Handling Equipment								
8	Items Less Than \$5 Million	A	16,237	5,460		5,460	15,108	U
Base Maintenance Support								
9	Runway Snow Remov & Cleaning Equip	A	1,317	6,144		6,144	10,212	U
10	Items Less Than \$5 Million	A	15,614	1,580		1,580	57,049	U
Total Vehicular Equipment			115,440	53,398		53,398	123,816	

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Department of the Air Force
FY 2015 President's Budget
Exhibit P-1 FY 2015 President's Budget
Total Obligational Authority
(Dollars in Thousands)

04 Mar 2014

Appropriation: 3080F Other Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
Budget Activity 03: Electronics and Telecommunications Equip								

Comm Security Equipment(Comsec)								
11	Comsec Equipment	A	127,439	92,695		92,695	106,182	U
12	Modifications (COMSEC)	A	950	726		726	1,363	U
Intelligence Programs								
13	Intelligence Training Equipment	A	2,615	2,789		2,789	2,832	U
14	Intelligence Comm Equipment	A	32,819	31,875		31,875	32,329	U
15	Advance Tech Sensors	A	740	452		452		U
16	Mission Planning Systems	A	14,722	11,915		11,915	15,649	U
Electronics Programs								
17	Air Traffic Control & Landing Sys	A	19,166	32,118		32,118	42,200	U
18	National Airspace System	A	28,850	11,652		11,652	6,333	U
19	Battle Control System - Fixed	A	14,494	14,412		14,412	2,708	U
20	Theater Air Control Sys Improvements	A	23,452	10,761		10,761	50,033	U
21	Weather Observation Forecast	A	16,637	14,371	1,800	16,171	16,348	U
22	Strategic Command And Control	A	37,535	22,723		22,723	139,984	U
23	Cheyenne Mountain Complex	A	13,679	23,431		23,431	20,101	U
24	Tac Signit Spt	A	208	217		217		U
25	Drug Interdiction Spt	A	14,303					U
26	Integrated Strat Plan & Analy Network (ISPAN)						9,060	U

P-1C1: FY 2015 President's Budget (Published Version), as of March 4, 2014 at 13:02:15

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Department of the Air Force
FY 2015 President's Budget
Exhibit P-1 FY 2015 President's Budget
Total Obligational Authority
(Dollars in Thousands)

04 Mar 2014

Appropriation: 3080F Other Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
----	-----	-----	-----	-----	-----	-----	-----	-
Spcl Comm-Electronics Projects								
27	General Information Technology	A	33,839	31,436		31,436	39,100	U
28	AF Global Command & Control Sys	A	14,605	53,559		53,559	19,010	U
29	Mobility Command and Control	A	10,237	9,384		9,384	11,462	U
30	Air Force Physical Security System	A	64,436	43,238		43,238	37,426	U
31	Combat Training Ranges	A	28,351	18,431		18,431	26,634	U
32	Minimum Essential Emergency Comm N	A					1,289	U
33	C3 Countermeasures	A	10,954	11,551		11,551	11,508	U
34	GCSS-AF Fos	A	11,201	12,675		12,675	3,670	U
35	Defense Enterprise Accounting and Mgmt System	A					15,298	U
36	Theater Battle Mgt C2 System	A	9,353	7,387		7,387	9,565	U
37	Air & Space Operations Ctr-WPN SYS	A	33,087	26,880		26,880	25,772	U
Air Force Communications								
38	Information Transport Systems	A	37,965	67,582		67,582	81,286	U
39	AFNET	A	125,622	81,533		81,533	122,228	U
40	Voice Systems	A	16,413	1,138		1,138		U
41	USCENTCOM	A	29,990	18,108		18,108	16,342	U
Space Programs								
42	Family of Beyond Line-of-Sight Terminals	A					60,230	U
43	Space Based Ir Sensor Pgm Space	A	39,938	25,408		25,408	26,100	U

P-1C1: FY 2015 President's Budget (Published Version), as of March 4, 2014 at 13:02:15

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Department of the Air Force
FY 2015 President's Budget
Exhibit P-1 FY 2015 President's Budget
Total Obligational Authority
(Dollars in Thousands)

04 Mar 2014

Appropriation: 3080F Other Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
44	Navstar GPS Space	A	2,028	2,053		2,053	2,075	U
45	Nudet Detection Sys Space	A	5,185	4,415		4,415	4,656	U
46	AF Satelllite Control Network Space	A	44,161	19,863		19,863	54,630	U
47	Spacelift Range System Space	A	98,068	90,806		90,806	69,713	U
48	Milsatcom Space	A	44,960	95,838	5,695	101,533	41,355	U
49	Space Mods Space	A	46,026	32,364		32,364	31,722	U
50	Counterspace System	A	19,192	7,141		7,141	61,603	U
Organization and Base								
51	Tactical C-E Equipment	A	120,353	69,882		69,882	50,335	U
52	Combat Survivor Evader Locator	A	22,272	8,428		8,428		U
53	Radio Equipment	A	13,558	12,341		12,341	14,846	U
54	CCTV/Audiovisual Equipment	A	9,634	7,949		7,949	3,635	U
55	Base Comm Infrastructure	A	73,493	34,318		34,318	79,607	U
Modifications								
56	Comm Elect Mods	A	40,206	46,687		46,687	105,398	U
Total Electronics and Telecommunications Equip			1,352,736	1,110,532	7,495	1,118,027	1,471,617	
Budget Activity 04: Other Base Maintenance and Support Equip								
Personal Safety & Rescue Equip								
57	Night Vision Goggles	A	4,624	3,640		3,640	12,577	U
58	Items Less Than \$5 Million	A	27,873	24,566		24,566	31,209	U

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Department of the Air Force
FY 2015 President's Budget
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Total Obligational Authority
(Dollars in Thousands)

04 Mar 2014

Appropriation: 3080F Other Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
Depot Plant+Mtrls Handling Eq								
59	Mechanized Material Handling Equip	A	2,397	6,157		6,157	7,670	U
Base Support Equipment								
60	Base Procured Equipment	A	7,422	10,994		10,994	14,125	U
61	Contingency Operations	A	4,934	27,179	60,600	87,779	16,744	U
62	Productivity Capital Investment	A	3,469	1,227		1,227	2,495	U
63	Mobility Equipment	A	14,452	9,859	68,000	77,859	10,573	U
64	Items Less Than \$5 Million	A	1,121	1,954		1,954	5,462	U
Special Support Projects								
66	DARP RC135	A	22,282	20,577		20,577	24,710	U
67	DCGS-AF	A	129,949	115,620		115,620	206,743	U
69	Special Update Program	A	437,739	448,570		448,570	537,370	U
70	Defense Space Reconnaissance Prog.	A	35,654	92,159	58,250	150,409	77,898	U
999	Classified Programs		16,069,620	14,623,140	2,323,501	16,946,641	13,990,196	U
Total Other Base Maintenance and Support Equip			16,761,536	15,385,642	2,510,351	17,895,993	14,937,772	
Budget Activity 05: Spares and Repair Parts								

Spares and Repair Parts								
72	Spares and Repair Parts	A	12,231	21,596		21,596	32,813	U
Total Spares and Repair Parts			12,231	21,596		21,596	32,813	
Total Other Procurement, Air Force			18,241,943	16,571,168	2,517,846	19,089,014	16,566,018	

P-1C1: FY 2015 President's Budget (Published Version), as of March 4, 2014 at 13:02:15

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3	02	02	822910	Cap Vehicles.....	Volume 1 - 13
4	02	02	822990	Items Less Than \$5 Million.....	Volume 1 - 17
5	02	03	823230	Security And Tactical Vehicles.....	Volume 1 - 25
6	02	03	823990	Items Less Than \$5 Million.....	Volume 1 - 31
7	02	04	824010	Fire Fighting/Crash Rescue Vehicles.....	Volume 1 - 37
8	02	05	825990	Items Less Than \$5 Million.....	Volume 1 - 43
9	02	06	826210	Runway Snow Remov & Cleaning Equip.....	Volume 1 - 49
10	02	06	826990	Items Less Than \$5 Million.....	Volume 1 - 53

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Appropriation 3080F: Other Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
11	03	01	831010	Comsec Equipment.....	Volume 1 - 59
12	03	01	831970	Modifications (COMSEC).....	Volume 1 - 73
13	03	02	832060	Intelligence Training Equipment.....	Volume 1 - 77
14	03	02	832070	Intelligence Comm Equipment.....	Volume 1 - 81
15	03	02	832260	Advance Tech Sensors.....	Volume 1 - 95
16	03	02	833170	Mission Planning Systems.....	Volume 1 - 99
17	03	03	833010	Air Traffic Control & Landing Sys.....	Volume 1 - 111
18	03	03	833020	National Airspace System.....	Volume 1 - 121
19	03	03	833030	Battle Control System - Fixed.....	Volume 1 - 139
20	03	03	833040	Theater Air Control Sys Improvements.....	Volume 1 - 145
21	03	03	833070	Weather Observation Forecast.....	Volume 1 - 149
22	03	03	833140	Strategic Command And Control.....	Volume 1 - 165
23	03	03	833160	Cheyenne Mountain Complex.....	Volume 1 - 175
24	03	03	833380	Tac Signit Spt.....	Volume 1 - 183
25	03	03	833440	Drug Interdiction Spt.....	Volume 1 - 187
26	03	03	833560	Integrated Strat Plan & Analy Network (ISPAN).....	Volume 1 - 189

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Appropriation 3080F: Other Procurement, Air Force

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29	03	04	834070	Mobility Command and Control.....	Volume 1 - 237
30	03	04	834130	Air Force Physical Security System.....	Volume 1 - 243
31	03	04	834190	Combat Training Ranges.....	Volume 1 - 253
32	03	04	834210	Minimum Essential Emergency Comm N.....	Volume 1 - 261
33	03	04	834320	C3 Countermeasures.....	Volume 1 - 265
34	03	04	834430	GCSS-AF Fos.....	Volume 1 - 273
35	03	04	834470	Defense Enterprise Accounting and Mgmt System.....	Volume 1 - 281
36	03	04	834520	Theater Battle Mgt C2 System.....	Volume 1 - 289
37	03	04	834530	Air & Space Operations Ctr-WPN SYS.....	Volume 1 - 299
38	03	05	835060	Information Transport Systems.....	Volume 1 - 305
39	03	05	835080	AFNET.....	Volume 1 - 329
40	03	05	835090	Voice Systems.....	Volume 1 - 343
41	03	05	835140	USCENTCOM.....	Volume 1 - 347
42	03	06	836700	Family of Beyond Line-of-Sight Terminals.....	Volume 1 - 353
43	03	06	836720	Space Based Ir Sensor Pgm Space.....	Volume 1 - 357
44	03	06	836730	Navstar GPS Space.....	Volume 1 - 367

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Appropriation 3080F: Other Procurement, Air Force

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47	03	06	836770	Spacelift Range System Space.....	Volume 1 - 385
48	03	06	836780	Milsatcom Space.....	Volume 1 - 397
49	03	06	836790	Space Mods Space.....	Volume 1 - 413
50	03	06	836810	Counterspace System.....	Volume 1 - 437
51	03	07	837100	Tactical C-E Equipment.....	Volume 1 - 445
52	03	07	837170	Combat Survivor Evader Locator.....	Volume 1 - 461
53	03	07	837190	Radio Equipment.....	Volume 1 - 465
54	03	07	837240	CCTV/Audiovisual Equipment.....	Volume 1 - 473
55	03	07	837300	Base Comm Infrastructure.....	Volume 1 - 477
56	03	08	838010	Comm Elect Mods.....	Volume 1 - 499

Appropriation 3080F: Other Procurement, Air Force

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57	04	02	842140	Night Vision Goggles.....	Volume 1 - 521

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
58	04	02	842990	Items Less Than \$5 Million.....	Volume 1 - 527
59	04	03	843050	Mechanized Material Handling Equip.....	Volume 1 - 531
60	04	05	845010	Base Procured Equipment.....	Volume 1 - 537
61	04	05	845100	Contingency Operations.....	Volume 1 - 541
62	04	05	845380	Productivity Capital Investment.....	Volume 1 - 547
63	04	05	845420	Mobility Equipment.....	Volume 1 - 551
64	04	05	845990	Items Less Than \$5 Million.....	Volume 1 - 555
66	04	06	846070	DARP RC135.....	Volume 1 - 559
67	04	06	846080	DCGS-AF.....	Volume 1 - 561

Appropriation 3080F: Other Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
72	05	01	861900	Spares and Repair Parts.....	Volume 1 - 563

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AFNET	835080	39	03	05.....	Volume 1 - 329
Advance Tech Sensors	832260	15	03	02.....	Volume 1 - 95
Af Satellite Control Network Space	836760	46	03	06.....	Volume 1 - 377
Air & Space Operations Ctr-WPN SYS	834530	37	03	04.....	Volume 1 - 299
Air Force Physical Security System	834130	30	03	04.....	Volume 1 - 243
Air Traffic Control & Landing Sys	833010	17	03	03.....	Volume 1 - 111
Base Comm Infrastructure	837300	55	03	07.....	Volume 1 - 477
Base Procured Equipment	845010	60	04	05.....	Volume 1 - 537
Battle Control System - Fixed	833030	19	03	03.....	Volume 1 - 139
C3 Countermeasures	834320	33	03	04.....	Volume 1 - 265
CCTV/Audiovisual Equipment	837240	54	03	07.....	Volume 1 - 473
Cap Vehicles	822910	3	02	02.....	Volume 1 - 13
Cheyenne Mountain Complex	833160	23	03	03.....	Volume 1 - 175
Combat Survivor Evader Locator	837170	52	03	07.....	Volume 1 - 461
Combat Training Ranges	834190	31	03	04.....	Volume 1 - 253
Comm Elect Mods	838010	56	03	08.....	Volume 1 - 499

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Contingency Operations	845100	61	04	05.....	Volume 1 - 541
Counterspace System	836810	50	03	06.....	Volume 1 - 437
DARP RC135	846070	66	04	06.....	Volume 1 - 559
DCGS-AF	846080	67	04	06.....	Volume 1 - 561
Defense Enterprise Accounting and Mgmt System	834470	35	03	04.....	Volume 1 - 281
Drug Interdiction Spt	833440	25	03	03.....	Volume 1 - 187
Family of Beyond Line-of-Sight Terminals	836700	42	03	06.....	Volume 1 - 353
Fire Fighting/Crash Rescue Vehicles	824010	7	02	04.....	Volume 1 - 37
GCSS-AF Fos	834430	34	03	04.....	Volume 1 - 273
General Information Technology	834010	27	03	04.....	Volume 1 - 193
Information Transport Systems	835060	38	03	05.....	Volume 1 - 305
Integrated Strat Plan & Analy Network (ISPAN)	833560	26	03	03.....	Volume 1 - 189
Intelligence Comm Equipment	832070	14	03	02.....	Volume 1 - 81
Intelligence Training Equipment	832060	13	03	02.....	Volume 1 - 77
Items Less Than \$5 Million	822990	4	02	02.....	Volume 1 - 17
Items Less Than \$5 Million	823990	6	02	03.....	Volume 1 - 31
Items Less Than \$5 Million	825990	8	02	05.....	Volume 1 - 43
Items Less Than \$5 Million	826990	10	02	06.....	Volume 1 - 53
Items Less Than \$5 Million	842990	58	04	02.....	Volume 1 - 527

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Mechanized Material Handling Equip	843050	59	04	03.....	Volume 1 - 531
Medium Tactical Vehicle	822230	2	02	02.....	Volume 1 - 7
Milsatcom Space	836780	48	03	06.....	Volume 1 - 397
Minimum Essential Emergency Comm N	834210	32	03	04.....	Volume 1 - 261
Mission Planning Systems	833170	16	03	02.....	Volume 1 - 99
Mobility Command and Control	834070	29	03	04.....	Volume 1 - 237
Mobility Equipment	845420	63	04	05.....	Volume 1 - 551
Modifications (COMSEC)	831970	12	03	01.....	Volume 1 - 73
National Airspace System	833020	18	03	03.....	Volume 1 - 121
Navstar GPS Space	836730	44	03	06.....	Volume 1 - 367
Night Vision Goggles	842140	57	04	02.....	Volume 1 - 521
Nudet Detection Sys Space	836750	45	03	06.....	Volume 1 - 373
Passenger Carrying Vehicles	821800	1	02	01.....	Volume 1 - 1
Productivity Capital Investment	845380	62	04	05.....	Volume 1 - 547
Radio Equipment	837190	53	03	07.....	Volume 1 - 465
Runway Snow Remov & Cleaning Equip	826210	9	02	06.....	Volume 1 - 49
Security And Tactical Vehicles	823230	5	02	03.....	Volume 1 - 25
Space Based Ir Sensor Pgm Space	836720	43	03	06.....	Volume 1 - 357
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Strategic Command And Control	833140	22	03	03.....	Volume 1 - 165
Tac Signit Spt	833380	24	03	03.....	Volume 1 - 183
Tactical C-E Equipment	837100	51	03	07.....	Volume 1 - 445
Theater Air Control Sys Improvements	833040	20	03	03.....	Volume 1 - 145
Theater Battle Mgt C2 System	834520	36	03	04.....	Volume 1 - 289
USCENTCOM	835140	41	03	05.....	Volume 1 - 347
Voice Systems	835090	40	03	05.....	Volume 1 - 343
Weather Observation Forecast	833070	21	03	03.....	Volume 1 - 149

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Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Lookup Matrix by Model

Model:	IBS		
Modification P-40a Aggregated Items Title:		Intelligence Comm Equip	
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
1	Mod 1		No
2	Mod 2		No
3	Mod 3		No
4	Mod 4		No
5	Mod 5		No

Model:	Other Mods		
P-3a Individual Modifications			
Modification Number	Modification Title		Applies to Multiple Models
1	Mod - Mobile Consolidated Command Center Modification		No
001	Core C2 Enterprise Network Infrastructure and Mission Equipment		No

Model:	Air Force Sateiliite Control Network		
Modification P-40a Aggregated Items Title:	AIR FORCE SATELLITE CONTROL NETWORK SPACE		
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
1	Air Force Satellite Control Network Recapitalization Projects		No

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Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Model:	Air Force Satellite Control Network	
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
1	Remote Tracking Station Block Change (RBC)	No

Model:	Spacelift Range System Space	
Modification P-40a Aggregated Items Title:	SPACELIFT RANGE SYSTEM SPACE	
Item Number	Item Title	Applies to Multiple Models
Uncategorized		
1	Modernization of Eastern Range Network (MEN)	No
2	Western Range Modernization of Network (WMN)	No
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
1	Range Command Destruct Modernization (RCDM)	No
2	Spacelift Range System Recapitalization Projects	No

Model:	PARCS Radar	
Modification P-40a Aggregated Items Title:	0305912F	
Item Number	Item Title	Applies to Multiple Models
Uncategorized		
1	P-3A HEMP	No

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Air Force • Budget Estimates FY 2015 • Procurement Exhibit P-1M, Procurement Programs - Modification Summary (Listing by Model)

Model:	N/A	
Modification P-40a Aggregated Items Title:	0305912F	
Item Number	Item Title	Applies to Multiple Models
Uncategorized		
2	P-3A PARCS DDG 2	No
5	PAVE PAWS DP/SP	No
Modification P-40a Aggregated Items Title:	0305940F	
Item Number	Item Title	Applies to Multiple Models
Uncategorized		
1	P-3A GEODSS	No
Modification P-40a Aggregated Items Title:	0305111F	
Item Number	Item Title	Applies to Multiple Models
Uncategorized		
5	Numerical Weather Modeling	No
7	Weather Data Analysis	No
Modification P-40a Aggregated Items Title:	0305909F	
Item Number	Item Title	Applies to Multiple Models
Uncategorized		
1	P-3A BMEWS Front End	No
P-3a Individual Modifications		
Modification Number	Modification Title	Applies to Multiple Models
1	PAVE PAWS Front End	No
1	High-Altitude Electromagnetic Pulse (HEMP) Protection Program	No
2	P-3A BMEWS DP/SP Suite Replacement (formerly SGI Replacement)	No

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Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Model:	Exelis		
Modification P-40a Aggregated Items Title:		0305912F	
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
3	P-3A PARCS MDP/MDSS Replacement		No
4	P-3A PARCS PAR/SS		No

Model:	Operational Control Segment (OCS) Global Positioning System (GPS)		
P-3a Individual Modifications			
Modification Number	Modification Title	Applies to Multiple Models	
1	NAVSTAR GPS-OCS COTS UPGRADE	No	

Model:	AN/FPS-117		
Modification P-40a Aggregated Items Title:		0102325F	
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
1	SC3I AEWS - FPS-117 EPRP		No

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Air Force • Budget Estimates FY 2015 • Procurement
Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Model:	WSR-88D		
Modification P-40a Aggregated Items Title:		0305111F	
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
1	Next Generation Radar (NEXRAD) WSR-88D Upgrades		No
P-3a Individual Modifications			
Modification Number	Modification Title		Applies to Multiple Models
1	WSR-88D Next Generation Radar (NEXRAD) Service Life Extension		No

Model:	AN/FMQ-7		
Modification P-40a Aggregated Items Title:		0305111F	
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
2	AN/FMQ-7 Improved Solar Optical Observing Network (ISOON)		No

Model:	Various		
Modification P-40a Aggregated Items Title:		0305111F	
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
3	P-3A Low Cost Modifications		No
Modification P-40a Aggregated Items Title:		0305114F	
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
1	ATCALs Low Cost Mods (PE 0305114F)		No

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Air Force • Budget Estimates FY 2015 • Procurement
Exhibit P-1M, Procurement Programs - Modification Summary
(Listing by Model)

Model:	AN/UMQ-13		
Modification P-40a Aggregated Items Title:		0305111F	
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
4	AN/UMQ-13 MARK IV-B		No

Model:	AN/TMQ-53		
Modification P-40a Aggregated Items Title:		0305111F	
Item Number	Item Title		Applies to Multiple Models
Uncategorized			
6	AN/TMQ-53 Tactical Meteorological Observing System (TMOS)		No

Model:	AN/GRN-29 Instrument Landing System		
P-3a Individual Modifications			
Modification Number	Modification Title		Applies to Multiple Models
1	ATCALs AN/GRN-29 Instrument Landing System (PE 0305114F)		No

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Air Force • Budget Estimates FY 2015 • Procurement
Exhibit P-1M, Procurement Programs - Modification Summary
(Funding for Modifications)

Funding (\$ M)

Modification P-40a Item Title P-3a Modification Title	PYS	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Exhibit P-40a										
Mod 1	-	4.211	2.616	2.642	-	2.642	-	-	-	-
Mod 2	-	3.050	3.108	3.167	-	3.167	-	-	-	-
Mod 3	-	1.250	1.274	1.298	-	1.298	-	-	-	-
Mod 4	-	2.519	2.063	2.102	-	2.102	-	-	-	-
Mod 5	-	2.040	1.060	1.873	-	1.873	-	-	-	-
Air Force Satellite Control Network Recapitalization Projects	-	4.403	-	1.230	-	1.230	-	-	-	-
Modernization of Eastern Range Network (MEN)	39.800	-	2.600	2.600	-	2.600	-	-	-	-
Western Range Modernization of Network (WMN)	-	24.700	38.400	-	-	-	-	-	-	-
P-3A HEMP	-	-	9.579	-	-	-	-	-	-	-
P-3A PARCS DDG 2	-	0.308	0.308	4.684	-	4.684	4.814	-	-	-
P-3A PARCS MDP/MDSS Replacement	-	-	7.050	-	-	-	-	-	-	-
P-3A PARCS PAR/SS	-	-	-	-	-	-	-	8.014	8.155	8.301
PAVE PAWS DP/SP	-	1.900	0.750	-	-	-	-	-	-	-
P-3A GEODSS	-	3.391	-	3.124	-	3.124	3.981	2.189	-	-
SC3I AEWS - FPS-117 EPRP	85.298	22.020	5.042	3.978	-	3.978	-	-	-	-
Next Generation Radar (NEXRAD) WSR-88D Upgrades	-	0.350	0.657	-	-	-	-	-	-	-
AN/FMQ-7 Improved Solar Optical Observing Network (ISOON)	-	-	-	1.500	-	1.500	-	-	-	-
P-3A Low Cost Modifications	-	-	0.500	1.678	-	1.678	-	-	-	-
AN/UMQ-13 MARK IV-B	-	2.256	1.500	1.500	-	1.500	-	-	-	-

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Air Force • Budget Estimates FY 2015 • Procurement
Exhibit P-1M, Procurement Programs - Modification Summary
(Funding for Modifications)

Modification P-40a Item Title P-3a Modification Title	PYS	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Numerical Weather Modeling	-	1.530	1.996	2.000	-	2.000	-	-	-	-
AN/TMQ-53 Tactical Meteorological Observing System (TMOS)	-	0.822	-	-	-	-	-	-	-	-
Weather Data Analysis	-	1.420	4.964	3.370	-	3.370	-	-	-	-
ATCALs Low Cost Mods (PE 0305114F)	1.000	0.763	0.935	1.141	-	1.141	-	-	-	-
P-3A BMEWS Front End	-	0.150	0.150	0.150	-	0.150	-	-	-	-
Exhibit P-3a										
Mod - Mobile Consolidated Command Center Modification	-	7.100	6.292	5.551	-	5.551	-	-	-	-
Core C2 Enterprise Network Infrastructure and Mission Equipment	-	6.579	17.139	14.550	-	14.550	-	-	-	-
Remote Tracking Station Block Change (RBC)	89.888	22.759	-	38.419	-	38.419	-	-	-	-
Range Command Destruct Modernization (RCDM)	27.800	19.500	-	6.000	-	6.000	-	-	-	-
Spacelift Range System Recapitalization Projects	-	9.287	0.702	13.677	-	13.677	-	-	-	-
PAVE PAWS Front End	-	-	-	4.500	-	4.500	4.626	7.700	7.835	7.975
NAVSTAR GPS-OCS COTS UPGRADE	-	7.182	9.774	12.656	-	12.656	11.960	1.990	-	-
WSR-88D Next Generation Radar (NEXRAD) Service Life Extension	-	-	-	2.073	-	2.073	-	-	-	-
ATCALs AN/GRN-29 Instrument Landing System (PE 0305114F)	10.120	3.185	11.171	13.427	-	13.427	-	-	-	-
High-Altitude Electromagnetic Pulse (HEMP) Protection Program	-	-	-	49.000	-	49.000	-	-	-	-
P-3A BMEWS DP/SP Suite Replacement (formerly SGI Replacement)	-	7.412	19.496	25.252	-	25.252	-	-	-	-
Totals (Total Obligation Authority)										

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Air Force • Budget Estimates FY 2015 • Procurement
Exhibit P-1M, Procurement Programs - Modification Summary
(Funding for Modifications)

Modification P-40a Item Title P-3a Modification Title	PYS	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Total Obligation Authority	253.906	160.087	149.126	223.142	-	223.142	25.381	19.893	15.990	16.276

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ACRONYMS

GENERAL ACRONYMS

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

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FLIR	- Forward Looking Infra Red
FOT&E	- Follow-on Test and Evaluation
FOC	- Fully Operational Capability
FLTS	- Flight Line Test Set
FPIF	- Fixed Price Incentive Firm
FPIS	- Fixed Price Incentive Fee, Successive Targets
GANS	- Global Access Navigation & Safety
GATM	- Global Air Traffic Management
GFE	- Government Furnished Equipment
GPS	- Global Positioning System
GSE	- Ground Support Equipment
IOC	- Initial Operating Capability
IPE	- Increased Performance Engine
JPALS	- Joint Precision Approach and Landing System
LANTIRN	- Low Altitude Navigation and Targeting Infra Red System for Night
METS	- Mobile Electronic Test Stations
MYP	- Multiyear Procurement
MSIP	- Multi-Stage Improvement Program
NAVWAR	- Navigation Warfare
NMC Rate	- Not Mission Capable Rate
OPF	- Operational Flight Program
OT&E	- Operational Test and Evaluation
OWRM	- Other War Reserve Material
PAGEL	- Priced Aerospace Ground Equipment List
PB	- President's Budget
PGSE	- Peculiar Ground Support Equipment
PMC	- Procurement Method Code
PNO	- Acquisition Program Number (MDAP Codes)
PR	- Purchase Request
PRCP	- Program Resource Collection Process
PTT	- Part Task Trainer
PY	- Prior Year
R&M	- Reliability and Maintainability
RAA	- Required Asset Availability
RDT&E	- Research, Development, Test and Evaluation
RVSM	- Reduced Vertical Separation Minimum

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RWR	- Radar Warning Receiver
ROM	- Rough Order of Magnitude
SAM	- Surface-to-Air Missile
SS	- Sole Source
SOF	- Special Operation Force
TAF	- Tactical Air Force
TCAS	- Traffic Collision Alert and Avoidance System
TEWS	- Tactical Electronic Warfare System
TISS	- TEWS Intermediate Support System
TOA	- Total Obligation Authority
WMP	- War Mobilization Plan
WRM	- War Reserve Material
WST	- Weapon System Trainer
UAV	- Unmanned Aerial Vehicle
UHF	- Ultra High Frequency
USA	- United States of America
VHSIC	- Very High Speed Integrated Circuit

BASE / ORGANIZATIONAL ACRONYMS

11 WING	- 11th Support Wing
ACC	- Air Combat Command
AETC	- Air Education & Training Command
AFCAO	- Air Force Computer Acquisition Office
AFCESA	- Air Force Civil Engineering Support Agency
AFCIC	- AF Communications & Information Center
AFCSC	- Air Force Cryptologic Service Center
AFESC	- Air Force Engineering Services Center
AFGWC	- Air Force Global Weather Central
AFIT	- Air Force Institute of Technology
AFMC	- Air Force Materiel Command
AFMETCAL	- Air Force Metrology and Calibration Office
AFMLO	- Air Force Medical Logistics Office
AFNEWS	- Air Force Information & News Service Center
AFOSI	- Air Force Office of Special Investigation
AFOTEC	- Air Force Operational Test & Evaluation Center

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AFPC	- Air Force Personnel Center
AFPSL	- AF Primary Standards Lab
AFR	- Air Force Reserve
AFSOC	- AF Special Operations Command
AFSPC	- Air Force Space Command
AIA	- Air Intelligence Agency
ALC	- Air Logistics Center
AMC	- Air Mobility Command
ANG	- Air National Guard
ASC	- Aeronautical Systems Center
AETC	- Air Education Training Command
AU	- Air University
AWS	- Air Weather Service
CIA	- Central Intelligence Agency
DGSC	- Defense General Support Center
DLA	- Defense Logistics Center
DOE	- Department of Energy
DPSC	- Defense Personnel Support Center
DSCC	- Defense Supply Center, Columbus
DTIC	- Defense Technical Information Center
ER	- Eastern Range
ESC	- Electronic Systems Center
FAA	- Federal Aviation Agency
FBI	- Federal Bureau of Investigation
GSA	- General Services Administration
JCS	- Joint Chiefs of Staff
JCS	- Johnson Space Center
NATO	- North Atlantic Treaty Organization
NBS	- National Bureau of Standards
OSD	- Office of the Secretary of Defense
PACAF	- Pacific Air Forces
USAF	- United States Air Force
USAFA	- United States Air Force Academy
USAFE	- United States Air Force Europe
USCENTCOM	- United States Central Command
USEUCOM	- United States European Command

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USMC	- United States Marine Corps
USSTRATCOM	- United States Strategic Command
WPAFB	- Wright-Patterson AFB, OH

CONTRACT METHOD / TYPE ACRONYMS

C	- Competitive
BA	- Basic Agreement
BOA	- Basic Ordering Agreement
BPA	- Blanket Purchasing Agreement
CS	- Cost Sharing
IDDQ	- Indefinite Delivery, Definite Quantity
IDIQ	- Indefinite Delivery, Indefinite Quantity
IDRT	- Indefinite Delivery, Requirements
Letter	- Letter
LH	- Labor-hour
MIPR	- Military Interdepartmental Purchase Request
MIPR-C	- Military Interdepartmental Purchase Request - Competitive
MIPR-OPT	- Military Interdepartmental Purchase Request - Option
MIPR-OTH	- Military Interdepartmental Purchase Request – Other
MIPR-SS	- Military Interdepartmental Purchase Request - Sole Source
OPT	- Option
OTH	- Other
PO	- Project Order
REQN	- Requisition
SS	- Sole Source
T&M	- Time and Materials
UCA	- Undefinitized Contract Action
WP	- Work Project

CONTRACTED BY ACRONYMS

11 WING	- 11th Support Wing, Washington, DC
ACC	- Air Combat Command, Langley AFB, VA
AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AAC	- Air Armament Center, Eglin AFB, FL

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AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AETC	- Air Education and Training Command, Randolph AFB, TX
AFCIC	- Air Force Communications and Information Center, Washington, DC
AFCESA	- Air Force Civil Engineering Support Agency, Tyndall AFB, FL
AFFTC	- Air Force Flight Test Center, Edwards AFB, CA
AFMC	- Air Force Materiel Command, Wright-Patterson AFB, OH
AFMETCAL	- Air Force Metrology and Calibration Office, Heath, Ohio
AFMLO	- Air Force Medical Logistics Office, Ft Detrick, MD
AIA	- Air Intelligence Agency, Kelly AFB, TX
AMC	- Air Mobility Command, Scott AFB, IL
ASC	- Aeronautical Systems Center, Wright-Patterson AFB, OH & Eglin AFB, FL
AFWA	- Air Force Weather Agency, Offutt AFB, NE
DGSC	- Defense General Support Center, Richmond, VA
DPSC	- Defense Personnel Support Center, Philadelphia, PA
ER	- Eastern Range, Patrick AFB, FL
ESC	- Electronic Systems Center, Hanscom AFB, MA
HSC	- Human Services Center, Brook AFB, TX
OC-ALC	- Oklahoma City Air Logistics Center, Tinker AFB, OK
OO-ALC	- Ogden Air Logistics Center, Hill AFB, UT
SMC	- Space & Missile Systems Center, Los Angeles AFB, CA
US STRATCOM	- US Strategic Command, Offutt AFB, NE
WACC	- Washington Area Contracting Center, Washington DC
WR	- Western Range, Vandenberg AFB, CA
WR-ALC	- Warner-Robins Air Logistics Center, Robins AFB, GA
AFSPC	- Air Force Space Command, Peterson AFB, CO
HQ ANG	- Headquarters, Air National Guard, Washington, DC
USAFE	- United States Air Force Europe, Ramstein AB, GE
USAFA	- United States Air Force Academy, Colorado Springs, CO
SSG	- Standard Systems Group, Maxwell AFB-Gunter Annex, AL

IDENTIFICATION CODES

Code "A"	- Line items of material which have been approved for Air Force service use.
Code "B"	- Line items of material that have not been approved for Service use
OBAN	- Operating Budget Account Number, 2-digit code for unit allocated funds

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 1: Passenger Carrying Vehicles						P-1 Line Item Number / Title: 821800 / Passenger Carrying Vehicles						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	2.026	2.048	6.528	-	6.528	8.893	13.636	13.875	14.123	-	61.129
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	2.026	2.048	6.528	-	6.528	8.893	13.636	13.875	14.123	-	61.129
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	2.026	2.048	6.528	-	6.528	8.893	13.636	13.875	14.123	-	61.129
(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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description:												
Passenger Carrying Vehicles includes the procurement of sedans, station wagons, law enforcement sedans, ambulances and buses. These vehicles are general in nature, but they fulfill unique and distinct needs commensurate with their design.												
Sedans are available in compact, mid-size, and large, and are used to support a variety of functions and missions at all levels of the Air Force. A portion of these sedans is dedicated for use by the Office of Special Investigations (OSI) and a portion is procured as chase cars used to support U-2 aircraft operations.												
Station wagons are mid-sized vehicles which are primarily used to transport personnel and light cargo. They are mostly used in overseas locations and some high security areas located near missile installations. They are also used in the maintenance and flying operation areas to support aircraft sortie generation.												
Law Enforcement Sedans (LE Sedans) come equipped with a heavy-duty component package for law enforcement and security missions. Security forces personnel use this type of vehicle for emergency response, traffic control, patrol duties, and base security operations.												
Ambulances include both bus ambulances and modular ambulances that are used for medical evacuation operations. The bus ambulance is a 44 passenger bus converted to accommodate massive patient transport for medical emergency situations and humanitarian/disaster relief operations. The modular models are standard commercial ambulances that are available in 4x2 and 4x4 configurations. They are used for the movement of patients under field conditions, aircraft crash rescue operations, and routine transportation of patients to and from medical facilities.												
Buses include a variety of commercial vehicles that support a broad range of mass transit requirements. Bus sizes range from the 16 passenger shuttle bus to the 52 passenger bus. These vehicles support Air Education and Training Command (AETC) training units, Air Force band organizations, protocol offices, and several other missions.												
In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.												
Program elements associated with this P-1 Line are: 0202834F, 0207142F, 0207224F, 0207597F, 0305202F, 0502834F, 0502844F, 0702831F, 0702834F, 0802834F.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 1: Passenger Carrying Vehicles									P-1 Line Item Number / Title: 821800 / Passenger Carrying Vehicles											
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:						Other Related Program Elements:										
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019										
AF	Quantity	61	46	97	-	97	-	-	-	-										
	Total Obligation Authority	1.701	1.879	6.195	-	6.195	-	-	-	-										
AFNG	Quantity	-	1	2	-	2	-	-	-	-										
	Total Obligation Authority	-	0.112	0.258	-	0.258	-	-	-	-										
AFR	Quantity	3	3	1	-	1	-	-	-	-										
	Total Obligation Authority	0.325	0.057	0.075	-	0.075	-	-	-	-										
Total: Secondary Distribution	Quantity	64	50	100	-	100	-	-	-	-										
	Total Obligation Authority	2.026	2.048	6.528	-	6.528	-	-	-	-										
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - COMPACT SEDAN, UNITED STATES (2310-01-096-3343)	P-40a	A	-	-	-	-	-	-	19,000.00	3	0.057	-	-	-	-	-	-	-	-	-
Item - HYBRID SEDAN (2310-01-575-5380)	P-40a	A	-	-	-	27,000.00	19	0.513	28,000.00	9	0.252	28,000.00	28	0.784	-	-	-	28,000.00	28	0.784
Item - L.E. SEDAN, UNITED STATES (2310-01-018-6668)	P-40a	A	-	-	-	23,000.00	40	0.920	23,050.00	20	0.461	24,000.00	28	0.672	-	-	-	24,000.00	28	0.672
Item - HI PERFORMANCE SEDAN (2310-01-571-3859)	P-40a	A	-	-	-	-	-	-	52,900.00	10	0.529	43,000.00	11	0.473	-	-	-	43,000.00	11	0.473
Item - AMB, 44 PAX CONV US (2310-00-289-9082)	P-40a	A	-	-	-	134,000.00	2	0.268	-	-	-	-	-	-	-	-	-	-	-	-
Item - AMB, MOD 4X4 US (2310-01-125-9516)	P-40a	A	-	-	-	-	-	-	-	-	-	130,000.00	7	0.910	-	-	-	130,000.00	7	0.910
Item - BUS, 16 PAX US (2310-01-186-2924)	P-40a	A	0.00	1	0.000	-	-	-	71,000.00	4	0.284	75,000.00	13	0.975	-	-	-	75,000.00	13	0.975
Item - BUS, 28 PAX US (2310-01-357-8985)	P-40a	A	-	-	-	100,000.00	2	0.200	112,000.00	2	0.224	103,000.00	4	0.412	-	-	-	103,000.00	4	0.412
Item - BUS, 41 PAX US (2310-00-877-5647)	P-40a	A	-	-	-	-	-	-	-	-	-	503,000.00	3	1.509	-	-	-	503,000.00	3	1.509
Item - BUS, 44 PAX US (2310-01-357-8986)	P-40a	A	-	-	-	125,000.00	1	0.125	116,000.00	2	0.232	129,000.00	6	0.774	-	-	-	129,000.00	6	0.774
Item - PMA OTHER GOVERNMENT COSTS	P-40a	A	-	-	-	-	-	-	-	-	0.009	-	-	0.019	-	-	-	-	-	0.019

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 1: Passenger Carrying Vehicles												P-1 Line Item Number / Title: 821800 / Passenger Carrying Vehicles									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)	
Total Gross/Weapon System Cost			-	-	0.000	-	-	2.026	-	-	2.048	-	-	6.528	-	-	-	-	-	6.528	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY15 procurement dollars in the amount of \$6.528M will procure, but not be limited to, 100 vehicles in support of installation and unit mission requirements for Air Force personnel.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 1									P-1 Line Item Number / Title: 821800 / Passenger Carrying Vehicles							Aggregated Items Title: Passenger Carrying Vehicles					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																					
COMPACT SEDAN, UNITED STATES (2310-01-096-3343)	A		-	-	-	-	-	-	19,000.00	3	0.057	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AFR				-	-		-	-		3	0.057		-	-		-	-		-	-	
HYBRID SEDAN (2310-01-575-5380)	A		-	-	-	27,000.00	19	0.513	28,000.00	9	0.252	28,000.00	28	0.784	-	-	-	28,000.00	28	0.784	
Secondary Distribution																					
AF				-	-		19	0.513		9	0.252		28	0.784		-	-		28	0.784	
L.E. SEDAN, UNITED STATES (2310-01-018-6668)	A		-	-	-	23,000.00	40	0.920	23,050.00	20	0.461	24,000.00	28	0.672	-	-	-	24,000.00	28	0.672	
Secondary Distribution																					
AF				-	-		40	0.920		20	0.461		28	0.672		-	-		28	0.672	
HI PERFORMANCE SEDAN (2310-01-571-3859)	A		-	-	-	-	-	-	52,900.00	10	0.529	43,000.00	11	0.473	-	-	-	43,000.00	11	0.473	
Secondary Distribution																					
AF				-	-		-	-		10	0.529		11	0.473		-	-		11	0.473	
AMB, 44 PAX CONV US (2310-00-289-9082)	A		-	-	-	134,000.00	2	0.268	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		2	0.268		-	-		-	-		-	-		-	-	
AMB, MOD 4X4 US (2310-01-125-9516)	A		-	-	-	-	-	-	-	-	-	130,000.00	7	0.910	-	-	-	130,000.00	7	0.910	
Secondary Distribution																					
AF				-	-		-	-		-	-		7	0.910		-	-		7	0.910	
BUS, 16 PAX US (2310-01-186-2924)	A		0.00	1	0.000	-	-	-	71,000.00	4	0.284	75,000.00	13	0.975	-	-	-	75,000.00	13	0.975	
Secondary Distribution																					
AF				-	-		-	-		4	0.284		12	0.900		-	-		12	0.900	
AFR				-	-		-	-		-	-		1	0.075		-	-		1	0.075	
BUS, 28 PAX US (2310-01-357-8985)	A		-	-	-	100,000.00	2	0.200	112,000.00	2	0.224	103,000.00	4	0.412	-	-	-	103,000.00	4	0.412	
Secondary Distribution																					
AF				-	-		-	-		1	0.112		4	0.412		-	-		4	0.412	
AFR				-	-		2	0.200		-	-		-	-		-	-		-	-	
AFNG				-	-		-	-		1	0.112		-	-		-	-		-	-	
BUS, 41 PAX US (2310-00-877-5647)	A		-	-	-	-	-	-	-	-	-	503,000.00	3	1.509	-	-	-	503,000.00	3	1.509	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 1								P-1 Line Item Number / Title: 821800 / Passenger Carrying Vehicles							Aggregated Items Title: Passenger Carrying Vehicles				

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Secondary Distribution																				
AF				-	-		-	-		-	-		3	1.509		-	-		3	1.509
BUS, 44 PAX US (2310-01-357-8986)	A		-	-	-	125,000.00	1	0.125	116,000.00	2	0.232	129,000.00	6	0.774	-	-	-	129,000.00	6	0.774
Secondary Distribution																				
AF				-	-		-	-		2	0.232		4	0.516		-	-		4	0.516
AFR				-	-		1	0.125		-	-		-	-		-	-		-	-
AFNG				-	-		-	-		-	-		2	0.258		-	-		2	0.258
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	-	-	-	0.009	-	-	0.019	-	-	-	-	-	0.019
Secondary Distribution																				
AF				-	-		-	-		-	0.009		-	0.019		-	-		-	0.019
Subtotal: Uncategorized			-	-	0.000	-	-	2.026	-	-	2.048	-	-	6.528	-	-	-	-	-	6.528
Total			-	-	0.000	-	-	2.026	-	-	2.048	-	-	6.528	-	-	-	-	-	6.528

Remarks:

UNIT COSTS FOR FY15 ARE SUBJECT TO CHANGE.

PMA Justification:

-- PMA funds will be used for TDYs to General Motor and Ford facilities in Dearborn, MI for review of new Law Enforcement Sedan models.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 2: Cargo and Utility Vehicles							P-1 Line Item Number / Title: 822230 / Medium Tactical Vehicle					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	38.032	1.000	7.639	-	7.639	58.545	29.889	49.840	37.765	-	222.710
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	38.032	1.000	7.639	-	7.639	58.545	29.889	49.840	37.765	-	222.710
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	38.032	1.000	7.639	-	7.639	58.545	29.889	49.840	37.765	-	222.710
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date. Description: The Family of Medium Tactical Vehicles (FMTV) has the capability to operate in austere and adverse terrain. These important tactical assets are used by Combat Communication Units, Air Support Operation Squadrons (ASOS), Explosive Ordinance Disposal units (EOD), and other tactical direct mission support units throughout the Air Force. FMTVs are a class of M-Series Vehicles. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Program elements associated with this P-1 line are: 0202834F, 0402834F, 502834F, 0502844F, 0702831F, 0802834F.												

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	119	17	65	-	65	-	-	-	-
	Total Obligation Authority	35.127	0.819	4.439	-	4.439	-	-	-	-
AFNG	Quantity	10	3	10	-	10	-	-	-	-
	Total Obligation Authority	1.840	0.113	1.914	-	1.914	-	-	-	-
AFR	Quantity	5	9	3	-	3	-	-	-	-
	Total Obligation Authority	1.065	0.068	1.286	-	1.286	-	-	-	-
Total:	Quantity	134	29	78	-	78	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 2: Cargo and Utility Vehicles									P-1 Line Item Number / Title: 822230 / Medium Tactical Vehicle												
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Secondary Distribution			FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total		FY 2016		FY 2017		FY 2018		FY 2019		
Secondary Distribution		Total Obligation Authority		38.032		1.000		7.639		-		7.639		-		-		-		-	
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)	
Item - TRK, CGO, MTV, M1083A1P2, W/OUT WINCH (NSN: 2320-01-549-8610) ⁽¹⁾	P-40a	A	0.00	73	0.000	184,000.00	18	3.312	-	-	-	191,400.00	10	1.914	-	-	-	191,400.00	10	1.914	
Item - TRK, TRACTOR, M1088A1P2, W/OUT WINCH (NSN: 2320-01-552-7759) ⁽²⁾	P-40a	A	-	-	-	187,000.00	20	3.740	-	-	-	-	-	-	-	-	-	-	-	-	
Item - TRK, TRACTOR, M1088A1P2, W/WINCH (NSN: 2320-01-552-7753) ⁽³⁾	P-40a	A	0.00	6	0.000	164,000.00	8	1.312	-	-	-	-	-	-	-	-	-	-	-	-	
Item - TRK, WRECKER, M1089A1P2 W/WINCH (NSN: 2320-01-552-7762) ⁽⁴⁾	P-40a	A	0.00	11	0.000	384,000.00	10	3.840	-	-	-	428,600.00	5	2.143	-	-	-	428,600.00	5	2.143	
Item - TRK, CGO, MTV, M1083A1P2, W/WINCH (NSN: 2320-01-549-8565) ⁽⁵⁾	P-40a	A	0.00	33	0.000	196,000.67	15	2.940	-	-	-	-	-	-	-	-	-	-	-	-	
Item - TRK, DUMP, M1157A1P2 W/OUT WINCH (NSN: 2320-01-552-7787) ⁽⁶⁾	P-40a	A	0.00	1	0.000	213,000.00	5	1.065	-	-	-	-	-	-	-	-	-	-	-	-	
Item - TRK, CGO, MTV, M1078A1P2, W/WINCH (NSN: 2320-01-549-8577) ⁽⁷⁾	P-40a	A	0.00	24	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - TRK, CGO, MTV, M1078A1P2, W/OUT WINCH (NSN: 2320-01-549-8611) ⁽⁸⁾	P-40a	A	0.00	77	0.000	-	-	-	-	-	-	169,000.00	17	2.873	-	-	-	169,000.00	17	2.873	
Item - TLR TK WTR, M149A1 (2330-00-060-6511)	P-40a	A	0.00	6	0.000	36,000.00	22	0.792	-	-	-	37,000.00	10	0.370	-	-	-	37,000.00	10	0.370	
Item - TLR, ISO CONTAINER M871 (2330-01-226-0701)	P-40a	A	-	-	-	37,000.00	9	0.333	36,000.00	4	0.144	-	-	-	-	-	-	-	-	-	
Item - TLR, ISO CONTAINER M872 (2330-01-142-1385)	P-40a	A	0.00	6	0.000	49,000.00	11	0.539	50,976.00	15	0.765	-	-	-	-	-	-	-	-	-	
Item - TLR, 5T FLATBED, M843 (2330-00-210-8935)	P-40a	A	-	-	-	11,000.00	14	0.154	11,086.00	1	0.011	11,000.00	14	0.154	-	-	-	11,000.00	14	0.154	
Item - TLR, 2.5T CHS, M200 (2330-00-540-3950)	P-40a	A	-	-	0.000	5,000.00	1	0.005	7,602.00	9	0.068	8,000.00	22	0.176	-	-	-	8,000.00	22	0.176	
Item - MRAP ⁽⁹⁾	P-40a	A	-	-	-	20,000K	1	20.000	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 2: Cargo and Utility Vehicles												P-1 Line Item Number / Title: 822230 / Medium Tactical Vehicle									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)	
Item - PMA OTHER GOVERNMENT COSTS	P-40a	A	-	-	-	-	-	-	-	-	0.012	-	-	0.009	-	-	-	-	-	0.009	
Total Gross/Weapon System Cost			-	-	0.000	-	-	38.032	-	-	1.000	-	-	7.639	-	-	-	-	-	7.639	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY15 procurement dollars in the amount of \$7.639M will procure, but is not limited to, 78 vehicles in support of the installation and unit mission requirements for Air Force personnel. Since the US Army uses FMTV extensively, their procurement is placed first, which delays the Air Force procurement and affects the delivery schedule of Air Force assets. This impacts the number and type of FMTV the Air Force is able to procure. Footnotes: (1) Currently being used as a placeholder pending the USAF Tactical Wheeled Vehicle Strategy. (2) Reference footnote (1) (3) Reference footnote (1) (4) Reference footnote (1) (5) Reference footnote (1) (6) Reference footnote (1) (7) Reference footnote (1) (8) Reference footnote (1) (9) MRAP procures the following: Integrated Turret Catcher Slew Kits(\$96,870.06), Cougar Cat II Seat Survivability Upgrade (SSU) Kits (\$2,449,724), MRAP-All Terrain Vehicle (M-ATV) Mil-STD Manuals (\$750,000), Baseline Configuration (\$6,703,405.94), and Remote Weapon System (RWS) Urgent Operational Need (UON) (\$10,000,000.00)																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 2								P-1 Line Item Number / Title: 822230 / Medium Tactical Vehicle								Aggregated Items Title: Medium Tactical Vehicle					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																					
TRK, CGO, MTV, M1083A1P2, W/ OUT WINCH (NSN: 2320-01-549-8610) ⁽¹⁾	A		0.00	73	0.000	184,000.00	18	3.312	-	-	-	191,400.00	10	1.914	-	-	-	191,400.00	10	1.914	
Secondary Distribution																					
AF				-	-		8	1.472		-	-		-	-		-	-		-	-	
AFNG				-	-		10	1.840		-	-		10	1.914		-	-		10	1.914	
TRK, TRACTOR, M1088A1P2, W/ OUT WINCH (NSN: 2320-01-552-7759) ⁽²⁾	A		-	-	-	187,000.00	20	3.740	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		20	3.740		-	-		-	-		-	-		-	-	
TRK, TRACTOR, M1088A1P2, W/ WINCH (NSN: 2320-01-552-7753) ⁽³⁾	A		0.00	6	0.000	164,000.00	8	1.312	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		8	1.312		-	-		-	-		-	-		-	-	
TRK, WRECKER, M1089A1P2 W/ WINCH (NSN: 2320-01-552-7762) ⁽⁴⁾	A		0.00	11	0.000	384,000.00	10	3.840	-	-	-	428,600.00	5	2.143	-	-	-	428,600.00	5	2.143	
Secondary Distribution																					
AF				-	-		10	3.840		-	-		2	0.857		-	-		2	0.857	
AFR				-	-		-	-		-	-		3	1.286		-	-		3	1.286	
TRK, CGO, MTV, M1083A1P2, W/ WINCH (NSN: 2320-01-549-8565) ⁽⁵⁾	A		0.00	33	0.000	196,000.67	15	2.940	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		15	2.940		-	-		-	-		-	-		-	-	
TRK, DUMP, M1157A1P2 W/ OUT WINCH (NSN: 2320-01-552-7787) ⁽⁶⁾	A		0.00	1	0.000	213,000.00	5	1.065	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AFR				-	-		5	1.065		-	-		-	-		-	-		-	-	
TRK, CGO, MTV, M1078A1P2, W/ WINCH (NSN: 2320-01-549-8577) ⁽⁷⁾	A		0.00	24	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 2							P-1 Line Item Number / Title: 822230 / Medium Tactical Vehicle								Aggregated Items Title: Medium Tactical Vehicle					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
TRK, CGO, MTV, M1078A1P2, W/ OUT WINCH (NSN: 2320-01-549-8611) ⁽⁸⁾	A		0.00	77	0.000	-	-	-	-	-	-	169,000.00	17	2.873	-	-	-	169,000.00	17	2.873
Secondary Distribution																				
AF				-	-		-	-		-	-		17	2.873		-	-		17	2.873
TLR TK WTR, M149A1 (2330-00-060-6511)	A		0.00	6	0.000	36,000.00	22	0.792	-	-	-	37,000.00	10	0.370	-	-	-	37,000.00	10	0.370
Secondary Distribution																				
AF				-	-		22	0.792		-	-		10	0.370		-	-		10	0.370
TLR, ISO CONTAINER M871 (2330-01-226-0701)	A		-	-	-	37,000.00	9	0.333	36,000.00	4	0.144	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		9	0.333		4	0.144		-	-		-	-		-	-
TLR, ISO CONTAINER M872 (2330-01-142-1385)	A		0.00	6	0.000	49,000.00	11	0.539	50,976.00	15	0.765	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		11	0.539		13	0.663		-	-		-	-		-	-
AFNG				-	-		-	-		2	0.102		-	-		-	-		-	-
TLR, 5T FLATBED, M843 (2330-00-210-8935)	A		-	-	-	11,000.00	14	0.154	11,086.00	1	0.011	11,000.00	14	0.154	-	-	-	11,000.00	14	0.154
Secondary Distribution																				
AF				-	-		14	0.154		-	-		14	0.154		-	-		14	0.154
AFNG				-	-		-	-		1	0.011		-	-		-	-		-	-
TLR, 2.5T CHS, M200 (2330-00-540-3950)	A		-	-	0.000	5,000.00	1	0.005	7,602.00	9	0.068	8,000.00	22	0.176	-	-	-	8,000.00	22	0.176
Secondary Distribution																				
AF				-	-		1	0.005		-	-		22	0.176		-	-		22	0.176
AFR				-	-		-	-		9	0.068		-	-		-	-		-	-
MRAP ⁽⁹⁾	A		-	-	-	20,000K	1	20.000	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		1	20.000		-	-		-	-		-	-		-	-
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	-	-	-	0.012	-	-	0.009	-	-	-	-	-	0.009
Secondary Distribution																				
AF				-	-		-	-		-	0.012		-	0.009		-	-		-	0.009

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 2					P-1 Line Item Number / Title: 822230 / Medium Tactical Vehicle										Aggregated Items Title: Medium Tactical Vehicle				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Subtotal: Uncategorized			-	-	0.000	-	-	38.032	-	-	1.000	-	-	7.639	-	-	-	-	-	7.639
Total			-	-	0.000	-	-	38.032	-	-	1.000	-	-	7.639	-	-	-	-	-	7.639

Remarks:

Unit costs and quantities for FY15 are subject to change.

PMA Justification:

-- The Vehicle Transportation Acquisition Council (VTAC) Conference provides the opportunity for program office representatives, USAF Major Command (MAJCOM) and User representatives to review technical and program issues and concerns. Attendance is required to vet future vehicle requirements. If not funded, MAJCOMs and users will not gain complete, up-to-date program insight. Any concerns and questions that could potentially affect all USAF users may not be adequately addressed, and may lead to a communication gap with stakeholders not gaining pertinent information. Items of interest may be elevated by users and MAJCOMs that could have been resolved at the VTAC.

-- To fund unit trailer visits to investigate and address discrepancy reports. If not funded, there will be no in-person support to fully investigate trailer discrepancies.

Footnotes:

(1) Currently being used as a placeholder pending the USAF Tactical Wheeled Vehicle Strategy.

(2) Reference footnote (1)

(3) Reference footnote (1)

(4) Reference footnote (1)

(5) Reference footnote (1)

(6) Reference footnote (1)

(7) Reference footnote (1)

(8) Reference footnote (1)

(9) MRAP procures the following: Integrated Turret Catcher Slew Kits(\$96,870.06), Cougar Cat II Seat Survivability Upgrade (SSU) Kits (\$2,449,724), MRAP-All Terrain Vehicle (M-ATV) Mil-STD Manuals (\$750,000), Baseline Configuration (\$6,703,405.94), and Remote Weapon System (RWS) Urgent Operational Need (UON) (\$10,000,000.00)

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 2: Cargo and Utility Vehicles							P-1 Line Item Number / Title: 822910 / Cap Vehicles					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.859	0.946	0.961	-	0.961	0.983	1.000	1.018	1.036	-	6.803
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	0.859	0.946	0.961	-	0.961	0.983	1.000	1.018	1.036	-	6.803
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.859	0.946	0.961	-	0.961	0.983	1.000	1.018	1.036	-	6.803
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: Vehicle procurements enable the Civil Air Patrol (CAP) to provide rapid deployment of emergency essential ground teams who are capable of providing critical communications and humanitarian support during national emergencies and disasters. The CAP is a Congressionally chartered non-profit corporation that serves as the Auxiliary of the Air Force. CAP uses federally provided resources to provide assistance requested by the DoD, federal, state or local government authorities and non-governmental organizations. CAP's procurement processes/standards are described in Department of Defense Grants & Agreements Regulations. Program element associated with this P-1 Line is: 0901223F												

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - 7 PAX VAN	P-40a	A	-	-	-	0.026	9	0.233	0.023	12	0.271	0.026	12	0.312	-	-	-	0.026	12	0.312
Item - 12 PAX VAN	P-40a	A	-	-	-	0.026	15	0.395	0.029	15	0.440	0.027	15	0.398	-	-	-	0.027	15	0.398
Item - SEDAN	P-40a	A	-	-	-	0.024	1	0.024	0.019	2	0.038	0.023	2	0.045	-	-	-	0.023	2	0.045
Item - 8 PAX 4X4	P-40a	A	-	-	-	0.031	4	0.126	0.029	4	0.117	0.032	4	0.126	-	-	-	0.032	4	0.126
Item - PICK-UP TRUCK	P-40a	A	-	-	-	0.027	2	0.055	0.026	2	0.052	0.026	2	0.052	-	-	-	0.026	2	0.052
Item - 5 PAX SUV	P-40a	A	-	-	-	0.026	1	0.026	0.029	1	0.029	0.027	1	0.027	-	-	-	0.027	1	0.027

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 2: Cargo and Utility Vehicles												P-1 Line Item Number / Title: 822910 / Cap Vehicles									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Total Gross/Weapon System Cost			-	-	-	-	-	0.859	-	-	0.946	-	-	0.961	-	-	-	-	-	0.961	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: CAP's vehicle fleet (all passenger vehicles) includes 7 pax vans, 12 pax vans, sedans, 8 pax 4x4s, pick-up trucks, and 5 pax SUVs. Vehicle procurements are a critical element in supporting CAP Cadet and Aerospace education programs as CAP encourages and develops by example the voluntary contribution of private citizens to the public welfare. Various types of vehicles are used to transport cadets and search & rescue/disaster relief ground teams. CAP is a grant recipient; as such, AF central procurement processes are not applicable. CAP's procurement processes/standards are described in Department of Defense Grants & Agreements. Failure to provide funding for these vehicles decreases the capability of CAP to provide transportation of ground teams who support 90% of the Air Force's search and rescue (SAR) missions in accordance with the National SAR Plan and disaster relief activities. Vehicles also provide transportation for over 24,000 CAP cadets to support execution of the Aerospace Education and Cadet Program missions as directed by 36 U.S.C Section 403, 10 U.S.C. Section 9442.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 2						P-1 Line Item Number / Title: 822910 / Cap Vehicles									Aggregated Items Title: Cap Vehicles				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
7 PAX VAN	A		-	-	-	0.026	9	0.233	0.023	12	0.271	0.026	12	0.312	-	-	-	0.026	12	0.312
12 PAX VAN	A		-	-	-	0.026	15	0.395	0.029	15	0.440	0.027	15	0.398	-	-	-	0.027	15	0.398
SEDAN	A		-	-	-	0.024	1	0.024	0.019	2	0.038	0.023	2	0.045	-	-	-	0.023	2	0.045
8 PAX 4X4	A		-	-	-	0.031	4	0.126	0.029	4	0.117	0.032	4	0.126	-	-	-	0.032	4	0.126
PICK-UP TRUCK	A		-	-	-	0.027	2	0.055	0.026	2	0.052	0.026	2	0.052	-	-	-	0.026	2	0.052
5 PAX SUV	A		-	-	-	0.026	1	0.026	0.029	1	0.029	0.027	1	0.027	-	-	-	0.027	1	0.027
Subtotal: Uncategorized			-	-	-	-	-	0.859	-	-	0.946	-	-	0.961	-	-	-	-	-	0.961
Total			-	-	-	-	-	0.859	-	-	0.946	-	-	0.961	-	-	-	-	-	0.961

Remarks:

CAP is a grant recipient; as such, AF central procurement processes are not applicable.

CAP's procurement processes/standards are described in Department of Defense Grants & Agreements.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 2: Cargo and Utility Vehicles	P-1 Line Item Number / Title: 822990 / Items Less Than \$5 Million

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.947	5.118	11.027	-	11.027	16.074	10.663	13.891	8.126	-	65.846
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	0.947	5.118	11.027	-	11.027	16.074	10.663	13.891	8.126	-	65.846
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.947	5.118	11.027	-	11.027	16.074	10.663	13.891	8.126	-	65.846
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

This vehicle group consists of pickup trucks, trailers, semi-trailers, tractors, vans, utility trucks, maintenance and facility vehicles essential to base and flying operations. Assets are critical to the Air Force mission and are essential to flight line operations (aircraft maintenance), depot maintenance, component routing to depot back shops and airfield maintenance, and Air Base Civil Engineers performing base housing maintenance and repairs. These items are critical across the spectrum of functional users throughout the Air Force and provide multi-purpose capabilities. These vehicles also support mission needs for light to heavy cargo transport, as well as transportation for air/flight crew personnel. Cargo utility vehicles also provide heavy cargo movement for civil engineering and construction projects. Without the procurement of these replacement vehicles, the Air Force will not have the ability to support broad spectrum Air Force operations.

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

Program elements associated with this P-1 Line are: 0202834F, 0207597F, 028028F, 0401221F, 0402834F, 0502834F, 0502844F, 0702831F, 0802834F.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - TRAILER, 38 FT. SEMI (2330-01-381-9477)	P-40a	A	-	-	-	-	-	-	-	-	-	40,000.00	30	1.200	-	-	-	40,000.00	30	1.200
Item - TRAILER, FLAT BED, 45 FT. AIR RIDE (2330-01-061-8609)	P-40a	A	-	-	-	39,000.00	15	0.585	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 2: Cargo and Utility Vehicles										P-1 Line Item Number / Title: 822990 / Items Less Than \$5 Million										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - TRAILER, 50 TON LOWBED (2330-01-058-5911)	P-40a	A	-	-	-	-	-	-	-	-	-	73,000.00	10	0.730	-	-	-	73,000.00	10	0.730
Item - TRAILER, LOWBED, TILT DECK, 22 TON (2330-00-138-3011)	P-40a	A	-	-	-	-	-	-	-	-	-	59,000.00	8	0.472	-	-	-	59,000.00	8	0.472
Item - TRUCK, PICKUP 4x4, F450 DUAL WHEEL (2320-01-501-6635)	P-40a	A	-	-	-	30,000.00	3	0.090	-	-	-	-	-	-	-	-	-	-	-	-
Item - TRUCK, PICKUP, CREW CAB, 1/2T, 4X4 (2320-01-484-6748)	P-40a	A	-	-	-	24,000.00	2	0.048	-	-	-	-	-	-	-	-	-	-	-	-
Item - TRUCK, PICKUP CREW CAB 4X4, 3/4T CU (2320-00-580-2955)	P-40a	A	-	-	-	-	-	-	36,000.00	9	0.324	-	-	-	-	-	-	-	-	-
Item - TRUCK, PICKUP CREW CAB 4X2, 3/4T CU (2320-00-580-2954)	P-40a	A	-	-	-	-	-	-	30,000.00	7	0.210	-	-	-	-	-	-	-	-	-
Item - TRUCK, STAKE AND PLATFORM 4X2 10000GVW (2320-01-250-7367)	P-40a	A	-	-	-	-	-	-	27,000.00	5	0.135	-	-	-	-	-	-	-	-	-
Item - TRUCK, STAKE AND PLATFORM 4X4 10000GVW (2320-01-302-2698)	P-40a	A	-	-	-	-	-	-	38,000.00	2	0.076	33,000.00	4	0.132	-	-	-	33,000.00	4	0.132
Item - TRUCK, STAKE 4X2 2 1/2 TON (2320-01-064-8540)	P-40a	A	-	-	-	-	-	-	55,999.00	5	0.280	-	-	-	-	-	-	-	-	-
Item - TRUCK, CARRYALL 4X2 8 PAX (2320-00-879-7662)	P-40a	A	-	-	-	-	-	-	22,000.00	8	0.176	-	-	-	-	-	-	-	-	-
Item - TRUCK, CARRYALL 4X4 7500 GVW (2320-00-950-4238)	P-40a	A	-	-	-	-	-	-	39,786.00	2	0.080	39,000.00	5	0.195	-	-	-	39,000.00	5	0.195
Item - TRUCK, CARRYALL 9 PAX DELIVERY VAN (2320-00-450-1005)	P-40a	A	-	-	-	-	-	-	38,076.00	2	0.076	37,000.00	3	0.111	-	-	-	37,000.00	3	0.111
Item - TRUCK, CARRYALL 4X2 15 PAX (2320-01-036-6569)	P-40a	A	-	-	-	-	-	-	25,000.00	7	0.175	-	-	-	-	-	-	-	-	-
Item - TRUCK, CARRYALL 4X2 7 PAX (2320-01-173-6113)	P-40a	A	-	-	-	-	-	-	26,000.00	7	0.182	27,000.00	17	0.459	-	-	-	27,000.00	17	0.459
Item - TRUCK, PICKUP 4X4 1/2 T 4600 & 5799 GVW (2320-00-811-6869)	P-40a	A	-	-	-	20,000.00	2	0.040	20,000.00	3	0.060	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 2: Cargo and Utility Vehicles									P-1 Line Item Number / Title: 822990 / Items Less Than \$5 Million											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - VAN, CARGO 4X2 (2320-01-575-6178)	P-40a	A	-	-	-	-	-	-	20,000.00	2	0.040	-	-	-	-	-	-	-	-	-
Item - SUV, 4X4 COMPACT 4500 GVW (2320-01-563-7478)	P-40a	A	-	-	-	-	-	-	-	-	-	35,000.00	27	0.945	-	-	-	35,000.00	27	0.945
Item - SUV, 4X2 COMPACT HYBRID (2320-01-575-6182)	P-40a	A	-	-	-	-	-	-	30,709.00	1	0.031	-	-	-	-	-	-	-	-	-
Item - SUV, 4X4 ARMORED (2320-01-537-7753)	P-40a	A	-	-	-	184,000.00	1	0.184	-	-	-	-	-	-	-	-	-	-	-	-
Item - CROSSOVER (2320-01-543-6922)	P-40a	A	-	-	-	-	-	-	29,929.00	2	0.060	29,000.00	4	0.116	-	-	-	29,000.00	4	0.116
Item - VAN, MAINTENANCE UTILITY DELIVERY (2320-01-176-2223)	P-40a	A	-	-	-	-	-	-	33,000.00	7	0.231	-	-	-	-	-	-	-	-	-
Item - TRUCK, MULTISTOP 4X2 8499GVW (2320-00-702-5877)	P-40a	A	-	-	-	-	-	-	35,920.00	5	0.180	37,000.00	10	0.370	-	-	-	37,000.00	10	0.370
Item - TRUCK, TRACTOR SWA (1367)	P-40a	A	-	-	-	-	-	-	122,910.00	2	0.246	109,000.00	3	0.327	-	-	-	109,000.00	3	0.327
Item - TRUCK, TRACTOR 44.5G (1432)	P-40a	A	-	-	-	-	-	-	113,000.00	3	0.339	121,000.00	19	2.299	-	-	-	121,000.00	19	2.299
Item - TRUCK, TRACTOR 55 GVW 6X4 RH (5724)	P-40a	A	-	-	-	-	-	-	115,000.00	2	0.230	-	-	-	-	-	-	-	-	-
Item - TRUCK, TRACTOR MSL SPT (4397)	P-40a	A	-	-	-	-	-	-	128,000.00	2	0.256	157,000.00	4	0.628	-	-	-	157,000.00	4	0.628
Item - TRUCK, TRACTOR 39.5G (7627)	P-40a	A	-	-	-	-	-	-	118,000.00	4	0.472	121,000.00	1	0.121	-	-	-	121,000.00	1	0.121
Item - TRUCK, TRACTOR 24K 4X2 (2429)	P-40a	A	-	-	-	-	-	-	74,676.00	4	0.299	-	-	-	-	-	-	-	-	-
Item - TRUCK, TRACTOR CREWCAB (2320-01-541-2741)	P-40a	A	-	-	-	-	-	-	102,733.00	3	0.308	-	-	-	-	-	-	-	-	-
Item - TRUCK, WRECKER 6X6 51000 GVW (9890)	P-40a	A	-	-	-	-	-	-	346,000.00	1	0.346	355,000.00	3	1.065	-	-	-	355,000.00	3	1.065
Item - TRUCK, UTILITY 4X4 COMPACT HYBRID (2320-01-563-7051)	P-40a	A	-	-	-	-	-	-	29,000.00	10	0.290	-	-	-	-	-	-	-	-	-
Item - ADR TRAILER (NSN TBD)	P-40a	A	-	-	-	-	-	-	-	-	-	123,400.00	15	1.851	-	-	-	123,400.00	15	1.851
Item - PMA OTHER GOVERNMENT COSTS	P-40a	A	-	-	-	-	-	-	-	-	0.017	-	-	0.006	-	-	-	-	-	0.006
Total Gross/Weapon System Cost			-	-	-	-	-	0.947	-	-	5.118	-	-	11.027	-	-	-	-	-	11.027

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 2: Cargo and Utility Vehicles		P-1 Line Item Number / Title: 822990 / Items Less Than \$5 Million
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
*For Items, Title represents the Item Number / Title [DODIC].		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		

Justification:
FY15 procurement dollars in the amount of \$11.027M will procure, but is not limited to, 163 vehicles in support of installation and unit mission requirements for Air Force personnel.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 2								P-1 Line Item Number / Title: 822990 / Items Less Than \$5 Million							Aggregated Items Title: Items Less Than \$5 Million					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																				
TRAILER, 38 FT. SEMI (2330-01-381-9477)	A		-	-	-	-	-	-	-	-	-	40,000.00	30	1.200	-	-	-	40,000.00	30	1.200
TRAILER, FLAT BED, 45 FT. AIR RIDE (2330-01-061-8609)	A		-	-	-	39,000.00	15	0.585	-	-	-	-	-	-	-	-	-	-	-	-
TRAILER, 50 TON LOWBED (2330-01-058-5911)	A		-	-	-	-	-	-	-	-	-	73,000.00	10	0.730	-	-	-	73,000.00	10	0.730
TRAILER, LOWBED, TILT DECK, 22 TON (2330-00-138-3011)	A		-	-	-	-	-	-	-	-	-	59,000.00	8	0.472	-	-	-	59,000.00	8	0.472
TRUCK, PICKUP 4x4, F450 DUAL WHEEL (2320-01-501-6635)	A		-	-	-	30,000.00	3	0.090	-	-	-	-	-	-	-	-	-	-	-	-
TRUCK, PICKUP, CREW CAB, 1/2T, 4X4 (2320-01-484-6748)	A		-	-	-	24,000.00	2	0.048	-	-	-	-	-	-	-	-	-	-	-	-
TRUCK, PICKUP CREW CAB 4X4, 3/4T CU (2320-00-580-2955)	A		-	-	-	-	-	-	36,000.00	9	0.324	-	-	-	-	-	-	-	-	-
TRUCK, PICKUP CREW CAB 4X2, 3/4T CU (2320-00-580-2954)	A		-	-	-	-	-	-	30,000.00	7	0.210	-	-	-	-	-	-	-	-	-
TRUCK, STAKE AND PLATFORM 4X2 10000GVW (2320-01-250-7367)	A		-	-	-	-	-	-	27,000.00	5	0.135	-	-	-	-	-	-	-	-	-
TRUCK, STAKE AND PLATFORM 4X4 10000GVW (2320-01-302-2698)	A		-	-	-	-	-	-	38,000.00	2	0.076	33,000.00	4	0.132	-	-	-	33,000.00	4	0.132
TRUCK, STAKE 4X2 2 1/2 TON (2320-01-064-8540)	A		-	-	-	-	-	-	55,999.00	5	0.280	-	-	-	-	-	-	-	-	-
TRUCK, CARRYALL 4X2 8 PAX (2320-00-879-7662)	A		-	-	-	-	-	-	22,000.00	8	0.176	-	-	-	-	-	-	-	-	-
TRUCK, CARRYALL 4X4 7500 GVW (2320-00-950-4238)	A		-	-	-	-	-	-	39,786.00	2	0.080	39,000.00	5	0.195	-	-	-	39,000.00	5	0.195
TRUCK, CARRYALL 9 PAX	A		-	-	-	-	-	-	38,076.00	2	0.076	37,000.00	3	0.111	-	-	-	37,000.00	3	0.111

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 2								P-1 Line Item Number / Title: 822990 / Items Less Than \$5 Million								Aggregated Items Title: Items Less Than \$5 Million				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
DELIVERY VAN (2320-00-450-1005)																				
TRUCK, CARRYALL 4X2 15 PAX (2320-01-036-6569)	A		-	-	-	-	-	-	25,000.00	7	0.175	-	-	-	-	-	-	-	-	-
TRUCK, CARRYALL 4X2 7 PAX (2320-01-173-6113)	A		-	-	-	-	-	-	26,000.00	7	0.182	27,000.00	17	0.459	-	-	-	27,000.00	17	0.459
TRUCK, PICKUP 4X4 1/2 T 4600 & 5799 GVW (2320-00-811-6869)	A		-	-	-	20,000.00	2	0.040	20,000.00	3	0.060	-	-	-	-	-	-	-	-	-
VAN, CARGO 4X2 (2320-01-575-6178)	A		-	-	-	-	-	-	20,000.00	2	0.040	-	-	-	-	-	-	-	-	-
SUV, 4X4 COMPACT 4500 GVW (2320-01-563-7478)	A		-	-	-	-	-	-	-	-	-	35,000.00	27	0.945	-	-	-	35,000.00	27	0.945
SUV, 4X2 COMPACT HYBRID (2320-01-575-6182)	A		-	-	-	-	-	-	30,709.00	1	0.031	-	-	-	-	-	-	-	-	-
SUV, 4X4 ARMORED (2320-01-537-7753)	A		-	-	-	184,000.00	1	0.184	-	-	-	-	-	-	-	-	-	-	-	-
CROSSOVER (2320-01-543-6922)	A		-	-	-	-	-	-	29,929.00	2	0.060	29,000.00	4	0.116	-	-	-	29,000.00	4	0.116
VAN, MAINTENANCE UTILITY DELIVERY (2320-01-176-2223)	A		-	-	-	-	-	-	33,000.00	7	0.231	-	-	-	-	-	-	-	-	-
TRUCK, MULTISTOP 4X2 8499GVW (2320-00-702-5877)	A		-	-	-	-	-	-	35,920.00	5	0.180	37,000.00	10	0.370	-	-	-	37,000.00	10	0.370
TRUCK, TRACTOR SWA (1367)	A		-	-	-	-	-	-	122,910.00	2	0.246	109,000.00	3	0.327	-	-	-	109,000.00	3	0.327
TRUCK, TRACTOR 44.5G (1432)	A		-	-	-	-	-	-	113,000.00	3	0.339	121,000.00	19	2.299	-	-	-	121,000.00	19	2.299
TRUCK, TRACTOR 55 GVW 6X4 RH (5724)	A		-	-	-	-	-	-	115,000.00	2	0.230	-	-	-	-	-	-	-	-	-
TRUCK, TRACTOR MSL SPT (4397)	A		-	-	-	-	-	-	128,000.00	2	0.256	157,000.00	4	0.628	-	-	-	157,000.00	4	0.628
TRUCK, TRACTOR 39.5G (7627)	A		-	-	-	-	-	-	118,000.00	4	0.472	121,000.00	1	0.121	-	-	-	121,000.00	1	0.121
TRUCK, TRACTOR 24K 4X2 (2429)	A		-	-	-	-	-	-	74,676.00	4	0.299	-	-	-	-	-	-	-	-	-
TRUCK, TRACTOR CREWCAB (2320-01-541-2741)	A		-	-	-	-	-	-	102,733.00	3	0.308	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 2								P-1 Line Item Number / Title: 822990 / Items Less Than \$5 Million								Aggregated Items Title: Items Less Than \$5 Million			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
TRUCK, WRECKER 6X6 51000 GVW (9890)	A		-	-	-	-	-	-	346,000.00	1	0.346	355,000.00	3	1.065	-	-	-	355,000.00	3	1.065
TRUCK, UTILITY 4X4 COMPACT HYBRID (2320-01-563-7051)	A		-	-	-	-	-	-	29,000.00	10	0.290	-	-	-	-	-	-	-	-	-
ADR TRAILER (NSN TBD)	A		-	-	-	-	-	-	-	-	-	123,400.00	15	1.851	-	-	-	123,400.00	15	1.851
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	-	-	-	0.017	-	-	0.006	-	-	-	-	-	0.006
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	0.947	-	-	5.118	-	-	11.027	-	-	-	-	-	11.027
Total			-	-	-	-	-	0.947	-	-	5.118	-	-	11.027	-	-	-	-	-	11.027

Remarks:

FY15 UNIT COSTS ARE SUBJECT TO CHANGE.

FY15 PMA Justification:

Funds from PMA will be used for TDY to attend the GSA Federal Fleet training and conference specifications review to interface with GSA and vendor personnel to ensure specifications for the Air Force vehicle fleet are adhered to. Funds from PMA will also be used for TDY to the Con Expo conference which showcases the latest equipment, products, services and technologies available to the Air Force. Finally, funds from PMA will also be used for TDY to the annual Vehicle Transformation Acquisition Council to discuss requirements and issues within the Air Force fleet with the Vehicle Equipment & Management Support Office (VEMSO) and MAJCOM representatives.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 3: Special Purpose Vehicles						P-1 Line Item Number / Title: 823230 / Security And Tactical Vehicles						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	10.836	2.000	4.447	-	4.447	4.759	4.858	4.943	35.570	-	67.413
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	10.836	2.000	4.447	-	4.447	4.759	4.858	4.943	35.570	-	67.413
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	10.836	2.000	4.447	-	4.447	4.759	4.858	4.943	35.570	-	67.413
(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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description:												
This program provides funding for a variety of security and tactical vehicles essential to strategic military operations. This program currently includes the standard diesel powered High Mobility Multi-purpose Wheeled Vehicle (HMMWV) and all configurations used by the Air Force, Guardian Angel Light Tactical Vehicle, and cargo trailers.												
HMMWV variants include Up-Armored, Armored, and Armor Ready Tactical. The Air Force and the Army jointly program these requirements to provide an armored vehicle that will satisfy both services' requirements. This vehicle satisfies Air Force Explosive Ordnance Disposal (EOD), Civil Engineering (CE), and Security Forces (SF) requirements as well as essential ongoing force protection/antiterrorism efforts. EOD employs this vehicle as an unexploded ordnance teamwork platform; CE uses it to support damage assessment and as an armored personnel carrier; and SFs require this vehicle for force protection and air base defense operations. In overseas locations, the Up-Armored HMMWV is a must-have asset in meeting SF protection needs. The diverse environments within Southwest Asia require a vehicle that has 4X4 capability and provides adequate protection from hostile fire in dangerous situations. These items are critical (deployed) assets used in direct support of Air Force units engaged in contingency operations.												
The M-105 cargo trailer is designed to transport various equipment such as field communications equipment, field supplies, and light cargo over rough terrain, on roads and cross-country.												
The M1061A1 flatbed is a general purpose cargo trailer designed to be towed by a vehicle with air brake connections. This trailer has four wheels and a five ton capacity capable of being towed with various cargoes such as generators, portable laundry units, communications gear, and field supplies over rough terrain and up to 55 mph in highway conditions.												
The M1101 and M1102 are light tactical trailers (designated by load weight) in a single axle, two wheel trailer designed to be towed by a HMMWV towing vehicle. The trailers have the same tires, wheels, and track width as the HMMWV. The only difference between the M1101 and the M1102 trailer is the model information and payload capacity. The trailers have various applications and provide the forces with a light, nimble, rugged trailer built primarily for hauling cargo.												
The Guardian Angel Light Tactical Vehicle is an air-deployable surface recovery platform capable of maneuvering over adverse terrain in order to search for and recover isolated personnel and/or equipment. It will provide increased survivability during "outside the wire" personnel recovery operations, more secure transportation capability to the recovery team and injured/isolated personnel from an area of high threat, and necessary training platforms for operators to familiarize themselves with vehicles they utilize in the area of operations. It also provides operators with increased protection from enemy fire and improvised explosive devices. Funding includes procurement of end items, training, spares, repairs and returns.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 3: Special Purpose Vehicles		P-1 Line Item Number / Title: 823230 / Security And Tactical Vehicles
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.		
Program elements associated with this P-line are: 0202834F, 0402834F, 0502834F, 0502844F, 0702831F, 0702834F, 0802834F, 0804731F, 0207227F (Guardian Angel, moved to this P-doc in 2012; previously, it was in Items Less than \$5M Safety/Rescue Equipment).		

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	67	176	110	-	110	-	-	-	-
	Total Obligation Authority	10.236	1.855	4.447	-	4.447	-	-	-	-
AFNG	Quantity	5	12	-	-	-	-	-	-	-
	Total Obligation Authority	0.407	0.087	-	-	-	-	-	-	-
AFR	Quantity	1	8	-	-	-	-	-	-	-
	Total Obligation Authority	0.193	0.058	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	73	196	110	-	110	-	-	-	-
	Total Obligation Authority	10.836	2.000	4.447	-	4.447	-	-	-	-

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - GUARDIAN ANGEL LIGHT TACTICAL VEHICLE	P-40a	A	-	-	-	341,333.00	12	4.096	580,000.00	1	0.580	371,900.00	10	3.719	-	-	-	371,900.00	10	3.719
Item - HMMWV, UPARMORED (M1165A1B3 AFP) W/OGPK (NSN:2320-01-583-7252) ⁽¹⁾	P-40a	A	-	-	-	193,000.00	3	0.579	-	-	-	-	-	-	-	-	-	-	-	-
Item - HMMWV, ARMOR READY (M1152A1) (NSN:2320-01-540-2007) ⁽²⁾	P-40a	A	-	-	-	115,000.00	5	0.575	-	-	-	-	-	-	-	-	-	-	-	-
Item - HMMWV, ARMOR READY (M1151A1) (NSN: 2320-01-540-2038) ⁽³⁾	P-40a	A	-	-	-	131,850.00	20	2.637	-	-	-	-	-	-	-	-	-	-	-	-
Item - HMMWV, UPAMORED (M1165A1B3 SOC) (NSN: 2320-01-583-7249) ⁽⁴⁾	P-40a	A	-	-	-	142,000.00	20	2.840	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 3: Special Purpose Vehicles	P-1 Line Item Number / Title: 823230 / Security And Tactical Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - M-105 TRAILER CARGO (NSN: 2330-00-541-6466)	P-40a	A	-	-	-	10,000.00	6	0.060	-	-	-	-	-	-	-	-	-	-	-	-
Item - HIGH MOBILITY TRAILER, LIGHT M1101 (NSN: 2330-01-388-6662)	P-40a	A	-	-	-	7,000.00	4	0.028	-	-	-	-	-	-	-	-	-	-	-	-
Item - M1102 TRAILER (NSN: 2330-01-387-5426)	P-40a	A	-	-	-	7,000.00	3	0.021	7,250.00	195	1.414	7,250.00	100	0.725	-	-	-	7,250.00	100	0.725
Item - PMA OTHER GOVERNMENT COSTS	P-40a	A	-	-	-	-	-	-	-	-	0.006	-	-	0.003	-	-	-	-	-	0.003
Total Gross/Weapon System Cost			-	-	-	-	-	10.836	-	-	2.000	-	-	4.447	-	-	-	-	-	4.447

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

FY15 procurement dollars in the amount of \$4.447M will procure, but not be limited to, 110 vehicles and trailers in support of installation and unit mission requirements for Air Force personnel.

Footnotes:

- (1) Currently being used as a placeholder pending USAF Tactical Wheeled Vehicle strategy
- (2) Reference footnote (1)
- (3) Reference footnote (1)
- (4) Reference footnote (1)

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 3									P-1 Line Item Number / Title: 823230 / Security And Tactical Vehicles						Aggregated Items Title: Security And Tactical Vehicles					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
GUARDIAN ANGEL LIGHT TACTICAL VEHICLE																				
GUARDIAN ANGEL LIGHT TACTICAL VEHICLE	A		-	-	-	341,333.00	12	4.096	580,000.00	1	0.580	371,900.00	10	3.719	-	-	-	371,900.00	10	3.719
Secondary Distribution																				
AF				-	-		12	4.096		1	0.580		10	3.719		-	-		10	3.719
Subtotal: GUARDIAN ANGEL LIGHT TACTICAL VEHICLE			-	-	-	-	-	4.096	-	-	0.580	-	-	3.719	-	-	-	-	-	3.719
Uncategorized																				
HMMWV, UPARMORED (M1165A1B3 AFP) W/OGPK (NSN:2320-01-583-7252) (1)	A		-	-	-	193,000.00	3	0.579	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AFR				-	-		1	0.193		-	-		-	-		-	-		-	-
AFNG				-	-		2	0.386		-	-		-	-		-	-		-	-
HMMWV, ARMOR READY (M1152A1) (NSN:2320-01-540-2007) (2)	A		-	-	-	115,000.00	5	0.575	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		5	0.575		-	-		-	-		-	-		-	-
HMMWV, ARMOR READY (M1151A1) (NSN: 2320-01-540-2038) (3)	A		-	-	-	131,850.00	20	2.637	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		20	2.637		-	-		-	-		-	-		-	-
HMMWV, UPAMORED (M1165A1B3 SOC) (NSN: 2320-01-583-7249) (4)	A		-	-	-	142,000.00	20	2.840	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		20	2.840		-	-		-	-		-	-		-	-
M-105 TRAILER CARGO (NSN: 2330-00-541-6466)	A		-	-	-	10,000.00	6	0.060	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		6	0.060		-	-		-	-		-	-		-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 3						P-1 Line Item Number / Title: 823230 / Security And Tactical Vehicles									Aggregated Items Title: Security And Tactical Vehicles					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
HIGH MOBILITY TRAILER, LIGHT M1101 (NSN: 2330-01-388-6662)	A		-	-	-	7,000.00	4	0.028	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF			-	-	-		4	0.028		-	-		-	-		-	-	-	-	-
M1102 TRAILER (NSN: 2330-01-387-5426)	A		-	-	-	7,000.00	3	0.021	7,250.00	195	1.414	7,250.00	100	0.725	-	-	-	7,250.00	100	0.725
Secondary Distribution																				
AF			-	-	-	-	-	-		175	1.269		100	0.725		-	-		100	0.725
AFR			-	-	-	-	-	-		8	0.058		-	-		-	-		-	-
AFNG			-	-	-		3	0.021		12	0.087		-	-		-	-		-	-
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	-	-	-	0.006	-	-	0.003	-	-	-	-	-	0.003
Secondary Distribution																				
AF			-	-	-		-	-		-	0.006		-	0.003		-	-		-	0.003
Subtotal: Uncategorized			-	-	0.000	-	-	6.740	-	-	1.420	-	-	0.728	-	-	-	-	-	0.728
Total			-	-	0.000	-	-	10.836	-	-	2.000	-	-	4.447	-	-	-	-	-	4.447

Remarks:

Unit costs for FY15 are subject to change.

PMA Justification:

-- The Vehicle Transportation Acquisition Council (VTAC) Conference provides the opportunity for program office representatives, USAF Major Command (MAJCOM) and User representatives to review technical and program issues and concerns. Attendance is required to vet future vehicle requirements.

Footnotes:

- (1) Currently being used as a placeholder pending USAF Tactical Wheeled Vehicle strategy
- (2) Reference footnote (1)
- (3) Reference footnote (1)
- (4) Reference footnote (1)

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 3: Special Purpose Vehicles							P-1 Line Item Number / Title: 823990 / Items Less Than \$5 Million						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	7.968	5.308	0.693	-	0.693	4.693	4.607	8.707	15.332	-	47.308	
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (<i>\$ in Millions</i>)	-	7.968	5.308	0.693	-	0.693	4.693	4.607	8.707	15.332	-	47.308	
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (<i>\$ in Millions</i>)	-	7.968	5.308	0.693	-	0.693	4.693	4.607	8.707	15.332	-	47.308	
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
# The FY 2015 OCO Request will be submitted at a later date. Description: This vehicle group consist of various vehicles for flightline, maintenance, and facility operations used for a variety of purposes. Examples of these vehicles include the IW 40 tractor, six- and ten- passenger over-the-snow-carriers, an assortment of wreckers and refuse trucks, and water distribution trucks. The IW 40 tractor is a small farm tractor used primarily to pull a mower and for other light tasks; the snow carriers are tracked vehicles which move personnel in snowy conditions and are used in search and rescue missions; the wreckers are used to move disabled vehicles, haul vehicles or to deploy a heavy duty winch. The refuse trucks in this group include one which tilts and dumps a payload and one which compacts refuse prior to discharge. Water distribution trucks are used primarily to wet down and control dust at a construction site. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Program elements associated with this P-1 line are: 0202834F, 0207597F, 0401221F, 0402834F, 0502834F, 0502844F, 0702831F, 0802834F.													

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)
Item - TOW TRACTOR, U-30 (1740-01-367-9485YW)	P-40a	A	-	-	-	-	-	-	290,221.00	1	0.290	-	-	-	-	-	-	-	-	-
Item - TOW TRACTOR, MB-2 (1740-00-143-8464YW)	P-40a	A	-	-	-	134,000.00	1	0.134	-	-	-	139,000.00	1	0.139	-	-	-	139,000.00	1	0.139

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 3: Special Purpose Vehicles										P-1 Line Item Number / Title: 823990 / Items Less Than \$5 Million										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - TOW TRACTOR, MB-4 (1740-00-580-7990YW))	P-40a	A	-	-	-	92,000.00	2	0.184	88,601.00	4	0.354	-	-	-	-	-	-	-	-	-
Item - FLIGHT LINE TOW TRACTOR, 4X2 (1740-01-068-8945YW)	P-40a	A	-	-	-	41,000.00	8	0.328	41,953.00	5	0.210	45,000.00	1	0.045	-	-	-	45,000.00	1	0.045
Item - TOW TRACTOR, FLIGHT LINE , 4X4 (1740-01-452-4117YW)	P-40a	A	-	-	-	47,000.00	11	0.517	45,151.00	1	0.045	-	-	-	-	-	-	-	-	-
Item - TRAILER, SEMI LO/LN REACH (2330-00-684-3650)	P-40a	A	-	-	-	-	-	-	300,985.00	1	0.301	-	-	-	-	-	-	-	-	-
Item - TRK TANK WTR 1200 GAL (2737)	P-40a	A	-	-	-	-	-	-	143,000.00	1	0.143	-	-	-	-	-	-	-	-	-
Item - SHOP VAN 4X2 19GVW (2320-00-818-8015)	P-40a	A	-	-	-	72,000.00	2	0.144	-	-	-	-	-	-	-	-	-	-	-	-
Item - TRUCK, HI- LIFT 9T (3991)	P-40a	A	-	-	-	267,000.00	1	0.267	-	-	-	-	-	-	-	-	-	-	-	-
Item - TRUCK , TELEPHONE MAINT 6PAX (2320-00-451-2184)	P-40a	A	-	-	-	-	-	-	-	-	-	33,000.00	1	0.033	-	-	-	33,000.00	1	0.033
Item - TRUCK, MAINTENANCE 3/4T 4X4 (2320-00-541-1714)	P-40a	A	-	-	-	31,000.00	18	0.558	-	-	-	-	-	-	-	-	-	-	-	-
Item - TRUCK, HI REACH 45FT (5610)	P-40a	A	-	-	-	211,000.00	2	0.422	-	-	-	-	-	-	-	-	-	-	-	-
Item - TRUCK, TELEPHONE MAINT STD UTIL 4x2 (2320-00-801-9193)	P-40a	A	-	-	-	25,000.00	20	0.500	24,000.00	4	0.096	-	-	-	-	-	-	-	-	-
Item - TRK MNT EXT CAB 4x4 (2320-01-395-1368)	P-40a	A	-	-	-	40,000.00	5	0.200	-	-	-	-	-	-	-	-	-	-	-	-
Item - HIGH REACH TRK 55' 4x4 (3637)	P-40a	A	-	-	-	-	-	-	241,028.00	1	0.241	-	-	-	-	-	-	-	-	-
Item - TRK HYDRANT HOSE R-12 (2481)	P-40a	A	-	-	-	-	-	-	205,342.00	1	0.205	208,026.00	1	0.208	-	-	-	208,026.00	1	0.208
Item - TRK TANK 1200G 4X2 (6777)	P-40a	A	-	-	-	116,000.00	4	0.464	118,020.00	3	0.354	-	-	-	-	-	-	-	-	-
Item - TRK TANK 1200G 4x4 (6778)	P-40a	A	-	-	-	137,000.00	4	0.548	148,437.00	2	0.297	-	-	-	-	-	-	-	-	-
Item - TRK TNK FUEL 6000GAL R-11 (5695)	P-40a	A	-	-	-	-	-	-	190,274.00	5	0.951	-	-	-	-	-	-	-	-	-
Item - TRK TEL MAINT S-90 (2320-00-455-8464)	P-40a	A	-	-	-	244,000.00	7	1.708	248,400.00	1	0.248	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 3: Special Purpose Vehicles	P-1 Line Item Number / Title: 823990 / Items Less Than \$5 Million

ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - HIGH REACH TRK 100 6x6 (9951)	P-40a	A	-	-	-	-	-	-	369,642.00	1	0.370	-	-	-	-	-	-	-	-	-
Item - HDPLP TRUCK (2320-01-528-8238)	P-40a	A	-	-	-	-	-	-	249,741.00	1	0.250	-	-	-	-	-	-	-	-	-
Item - TRACTOR IW40 (2420-00-190-0054)	P-40a	A	-	-	-	30,000.00	2	0.060	-	-	-	-	-	-	-	-	-	-	-	-
Item - CARRIER O'SNOW, 10 PAX (2350-00-893-1225)	P-40a	A	-	-	-	221,000.00	2	0.442	-	-	-	-	-	-	-	-	-	-	-	-
Item - WRECKER, TILT BED (4755)	P-40a	A	-	-	-	94,000.00	3	0.282	-	-	-	-	-	-	-	-	-	-	-	-
Item - TRUCK WRECKER 4X2 32GVW HYD TYPE 1 (3010)	P-40a	A	-	-	-	117,000.00	2	0.234	-	-	-	-	-	-	-	-	-	-	-	-
Item - TRUCK, LAVATORY SERVICE (7605)	P-40a	A	-	-	-	82,000.00	1	0.082	-	-	-	-	-	-	-	-	-	-	-	-
Item - STLR,TRK,WTR 5000 GAL (2330-00-827-9351)	P-40a	A	-	-	-	-	-	-	-	-	-	119,264.00	2	0.239	-	-	-	119,264.00	2	0.239
Item - HIGH REACH TRK 100' 6X6 (2655)	P-40a	A	-	-	-	-	-	-	346,903.00	1	0.347	-	-	-	-	-	-	-	-	-
Item - TRUCK, HI REACH 98' (2320-01-515-6304)	P-40a	A	-	-	-	-	-	-	315,757.00	1	0.316	-	-	-	-	-	-	-	-	-
Item - TRUCK, MOBILE COMMAND CTR (2320-01-564-0720)	P-40a	A	-	-	-	-	-	-	272,250.00	1	0.272	-	-	-	-	-	-	-	-	-
Item - GLYCOL RECOVERY VEHICLE (7127)	P-40a	A	-	-	-	407,000.00	2	0.814	-	-	-	-	-	-	-	-	-	-	-	-
Item - TRK MNT EXTCAB 4X4 (2320-01-513-8386)	P-40a	A	-	-	-	40,000.00	2	0.080	-	-	-	-	-	-	-	-	-	-	-	-
Item - PMA OTHER GOVT COST	P-40a	A	-	-	-	-	-	-	-	-	0.017	-	-	0.029	-	-	-	-	-	0.029
Total Gross/Weapon System Cost			-	-	-	-	-	7.968	-	-	5.308	-	-	0.693	-	-	-	-	-	0.693

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:
FY15 procurement dollars in the amount of \$.693M will procure, but is not limited to, 6 vehicles in support of installation and unit mission requirements for Air Force personnel.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 3						P-1 Line Item Number / Title: 823990 / Items Less Than \$5 Million										Aggregated Items Title: Items Less Than \$5 Million					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																					
TOW TRACTOR, U-30 (1740-01-367-9485YW)	A		-	-	-	-	-	-	290,221.00	1	0.290	-	-	-	-	-	-	-	-	-	
TOW TRACTOR, MB-2 (1740-00-143-8464YW)	A		-	-	-	134,000.00	1	0.134	-	-	-	139,000.00	1	0.139	-	-	-	139,000.00	1	0.139	
TOW TRACTOR, MB-4 (1740-00-580-7990YW))	A		-	-	-	92,000.00	2	0.184	88,601.00	4	0.354	-	-	-	-	-	-	-	-	-	
FLIGHT LINE TOW TRACTOR, 4X2 (1740-01-068-8945YW)	A		-	-	-	41,000.00	8	0.328	41,953.00	5	0.210	45,000.00	1	0.045	-	-	-	45,000.00	1	0.045	
TOW TRACTOR, FLIGHT LINE , 4X4 (1740-01-452-4117YW)	A		-	-	-	47,000.00	11	0.517	45,151.00	1	0.045	-	-	-	-	-	-	-	-	-	
TRAILER, SEMI LO/LN REACH (2330-00-684-3650)	A		-	-	-	-	-	-	300,985.00	1	0.301	-	-	-	-	-	-	-	-	-	
TRK TANK WTR 1200 GAL (2737)	A		-	-	-	-	-	-	143,000.00	1	0.143	-	-	-	-	-	-	-	-	-	
SHOP VAN 4X2 19GVW (2320-00-818-8015)	A		-	-	-	72,000.00	2	0.144	-	-	-	-	-	-	-	-	-	-	-	-	
TRUCK, HI- LIFT 9T (3991)	A		-	-	-	267,000.00	1	0.267	-	-	-	-	-	-	-	-	-	-	-	-	
TRUCK , TELEPHONE MAINT 6PAX (2320-00-451-2184)	A		-	-	-	-	-	-	-	-	-	33,000.00	1	0.033	-	-	-	33,000.00	1	0.033	
TRUCK, MAINTENANCE 3/4T 4X4 (2320-00-541-1714)	A		-	-	-	31,000.00	18	0.558	-	-	-	-	-	-	-	-	-	-	-	-	
TRUCK, HI REACH 45FT (5610)	A		-	-	-	211,000.00	2	0.422	-	-	-	-	-	-	-	-	-	-	-	-	
TRUCK, TELEPHONE MAINT STD UTIL 4x2 (2320-00-801-9193)	A		-	-	-	25,000.00	20	0.500	24,000.00	4	0.096	-	-	-	-	-	-	-	-	-	
TRK MNT EXT CAB 4x4 (2320-01-395-1368)	A		-	-	-	40,000.00	5	0.200	-	-	-	-	-	-	-	-	-	-	-	-	
HIGH REACH TRK 55' 4x4 (3637)	A		-	-	-	-	-	-	241,028.00	1	0.241	-	-	-	-	-	-	-	-	-	
TRK HYDRANT HOSE R-12 (2481)	A		-	-	-	-	-	-	205,342.00	1	0.205	208,026.00	1	0.208	-	-	-	208,026.00	1	0.208	

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 3						P-1 Line Item Number / Title: 823990 / Items Less Than \$5 Million										Aggregated Items Title: Items Less Than \$5 Million					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
TRK TANK 1200G 4X2 (6777)	A		-	-	-	116,000.00	4	0.464	118,020.00	3	0.354	-	-	-	-	-	-	-	-	-	
TRK TANK 1200G 4x4 (6778)	A		-	-	-	137,000.00	4	0.548	148,437.00	2	0.297	-	-	-	-	-	-	-	-	-	
TRK TNK FUEL 6000GAL R-11 (5695)	A		-	-	-	-	-	-	190,274.00	5	0.951	-	-	-	-	-	-	-	-	-	
TRK TEL MAINT S-90 (2320-00-455-8464)	A		-	-	-	244,000.00	7	1.708	248,400.00	1	0.248	-	-	-	-	-	-	-	-	-	
HIGH REACH TRK 100 6x6 (9951)	A		-	-	-	-	-	-	369,642.00	1	0.370	-	-	-	-	-	-	-	-	-	
HDPLP TRUCK (2320-01-528-8238)	A		-	-	-	-	-	-	249,741.00	1	0.250	-	-	-	-	-	-	-	-	-	
TRACTOR IW40 (2420-00-190-0054)	A		-	-	-	30,000.00	2	0.060	-	-	-	-	-	-	-	-	-	-	-	-	
CARRIER O'SNOW, 10 PAX (2350-00-893-1225)	A		-	-	-	221,000.00	2	0.442	-	-	-	-	-	-	-	-	-	-	-	-	
WRECKER, TILT BED (4755)	A		-	-	-	94,000.00	3	0.282	-	-	-	-	-	-	-	-	-	-	-	-	
TRUCK WRECKER 4X2 32GVW HYD TYPE 1 (3010)	A		-	-	-	117,000.00	2	0.234	-	-	-	-	-	-	-	-	-	-	-	-	
TRUCK, LAVATORY SERVICE (7605)	A		-	-	-	82,000.00	1	0.082	-	-	-	-	-	-	-	-	-	-	-	-	
STLR,TRK,WTR 5000 GAL (2330-00-827-9351)	A		-	-	-	-	-	-	-	-	-	119,264.00	2	0.239	-	-	-	119,264.00	2	0.239	
HIGH REACH TRK 100' 6X6 (2655)	A		-	-	-	-	-	-	346,903.00	1	0.347	-	-	-	-	-	-	-	-	-	
TRUCK, HI REACH 98' (2320-01-515-6304)	A		-	-	-	-	-	-	315,757.00	1	0.316	-	-	-	-	-	-	-	-	-	
TRUCK, MOBILE COMMAND CTR (2320-01-564-0720)	A		-	-	-	-	-	-	272,250.00	1	0.272	-	-	-	-	-	-	-	-	-	
GLYCOL RECOVERY VEHICLE (7127)	A		-	-	-	407,000.00	2	0.814	-	-	-	-	-	-	-	-	-	-	-	-	
TRK MNT EXTCAB 4X4 (2320-01-513-8386)	A		-	-	-	40,000.00	2	0.080	-	-	-	-	-	-	-	-	-	-	-	-	
PMA OTHER GOVT COST	A		-	-	-	-	-	-	-	-	0.017	-	-	0.029	-	-	-	-	-	0.029	
Subtotal: Uncategorized			-	-	-	-	-	7.968	-	-	5.308	-	-	0.693	-	-	-	-	-	0.693	
Total			-	-	-	-	-	7.968	-	-	5.308	-	-	0.693	-	-	-	-	-	0.693	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 3	P-1 Line Item Number / Title: 823990 / Items Less Than \$5 Million	Aggregated Items Title: Items Less Than \$5 Million
Remarks: FY15 unit prices are subject to change. FY15 PMA Justification: -- Large Capacity Refueling Vehicle (LCRV)- PMA is required to perform hands-on inspection and familiarization of the LCRV. -- R-11 Refueling Truck, Buy, Critical Design Review (CDR). CDR is vital to ensure proper design of vehicle before production. Additionally, we must ensure all specific military operational requirements will be met. -- R-11 Refueling Truck, Buy, First Production Test. Perform inspection and operational test of first production unit of initially produced R-11 to ensure operational, safety, and sustainment requirements are met before full rate production ensues. -- R-12 Refueling Truck, Buy, Preliminary Design Review (PDR). The R-12 facilitates transfer of hundreds of gallons of fuel per minute between aircraft and in-ground tanks, above-ground tanks, and other refueling vehicles. -- R-12 Refueling Truck, Buy, First Production Test. Perform inspection and operational test of first production unit of new R-12 to ensure operational, safety, and sustainment requirements are met before full rate production ensues.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 4: Fire Fighting Equipment						P-1 Line Item Number / Title: 824010 / Fire Fighting/Crash Rescue Vehicles						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	21.604	23.794	10.152	-	10.152	20.965	19.807	17.321	17.630	-	131.273
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	21.604	23.794	10.152	-	10.152	20.965	19.807	17.321	17.630	-	131.273
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	21.604	23.794	10.152	-	10.152	20.965	19.807	17.321	17.630	-	131.273
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description:												
This P-1 line procures a variety of critical fire fighting and crash rescue vehicles. Vehicles typically include, but are not limited to, the following:												
-- The P-19 Crash Truck is an Air Rescue and Fire Fighting (ARFF) vehicle that is a first response vehicle on the scene of an aircraft fire emergency. It equips bases with the capability to rapidly extinguish aircraft fires. This truck is a mandatory flight line operations safety requirement and is essential at bases with a flying mission. The P-19 also provides fire fighting capability for Air National Guard and Air Force Reserve installations located at municipal airports. An installation's P-19 requirement is determined by the type of aircraft frequenting the aerial facility and the resulting gallons per minute of fire fighting agent required. This vehicle provides aircrew, passenger, weapons, and airframe fire protection at a crash site.												
-- The P-21 Aerial Lift Truck is a fire fighting vehicle with a 105 foot aerial ladder. It provides improved agent delivery over older model vehicles, as well as the capability to provide elevated delivery of agent involving high rise buildings and warehouse facilities.												
-- The P-22 4x2 and P-24 4x4 Pumper Trucks are designed primarily to fight structural fires. The trucks have a 750-gallon water tank and a 50-gallon Aqueous FilmFoam class "A" foam tank and are capable of applying 1250 gallons per minute. P-24 is built on a rugged 4x4 chassis that equips forces with limited off-road/rugged terrain capability. The P-22 4x2 Pumper Truck has the same fire fighting capability as the P-24, but is used in urban areas.												
-- The P-23 Crash Truck is a larger version of the P-19 ARFF truck and has a larger fire suppression capacity. It is primarily assigned at transport, bomber, depot, and cargo aircraft bases.												
-- The P-26 Water Tanker Truck is a 4000-gallon resupply truck used to support the ARFF vehicles, fight wild land fires, and provide mutual assistance to communities.												
-- The P-29 Brush Truck is intended to combat wild land and brush type fires. It has a 250 gallon water tank and can be equipped with a Compressed Air Foam System. The Brush Truck is no longer procurable and is being replaced by the P-29 Wild Land Firefighting Truck.												
-- The P-29 Wild Land Firefighting Truck is a four-person crew cab truck which contains a modular agent and pump and roll delivery system as well as firefighting tools and equipment. This truck is outfitted with a compressed air foam system (CAFS) and has a 500 gallon water tank. The truck is intended to combat wild land and brush type fires.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force							Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 4: Fire Fighting Equipment					P-1 Line Item Number / Title: 824010 / Fire Fighting/Crash Rescue Vehicles				
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:			Other Related Program Elements:			
-- The P-30 is a Medium Rescue Vehicle. It is designed to bring equipment, lighting, a winch, and a generator to the scene of a rescue event. This vehicle has 450 cubic feet of storage space and affords easy equipment access and improved storage compartments. This truck is assigned to the larger industrial bases. -- The P-31 Hazardous Material Vehicle is a dual purpose vehicle that stows and transports hazardous material response equipment for the purpose of mitigating chemical leaks, spills, and releases. This vehicle also provides an incident command workstation area for the purpose of research, command, control, and communications during containment/cleanup operations. -- The P-33 Quint Truck is a fire fighting truck with a 75 foot aerial ladder. It provides improved agent delivery over older models as well as the capability to provide elevated delivery of agent involving high rise and warehouse facilities. -- The P-34 is a first response Air Rescue and Fire Fighting (ARFF) vehicle which equips forces with initial "knock down" capability. The P-34 is the first fire truck to employ Ultra High Pressure (UHP) technology which allows the vehicle to discharge a mixture of water and foam at 1350 psi, this UHP technology makes the vehicle three times more effective than a conventional ARRF truck. The truck has a 400 gallon water tank and a 50 gallon foam tank along with a bumper turret and 200 feet of handline all mounted on an F-550 chassis. -- The Rapid Intervention Vehicle (RIV) is a first response aircraft fire truck; it is the newest addition to the Air Force's fleet of crash response vehicles. The RIV is the first vehicle in the AF to use new ultra high pressure (UHP) fire fighting technology which makes this truck 3 to 3.5 times more efficient at knock-down than conventional ARFF vehicles. This feature increases the length of time the vehicle can remain on the scene without having to be resupplied. Perched on an F550 chassis, the RIV is equipped with a 4-wheel drive train; it provides seating for four, equips fire fighters with limited storage for rescue equipment; has a bumper turret, a 200 ft hand line and a winch. Because of its size, speed and agility this truck can get to a crash scene quickly and perform fire fighting operations until the larger trucks can arrive at the scene. These vehicles are all built to meet the performance standards of the National Fire Protection Association (NFPA), Occupational Safety and Health Administration (OSHA), Federal Aviation Administration (FAA), and Air Force safety regulations. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Program Elements associated with this P-1 Line are: 0305879F, 0901279F.									

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	49	53	23	-	23	-	-	-	-
	Total Obligation Authority	18.231	23.794	10.152	-	10.152	-	-	-	-
AFNG	Quantity	17	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.186	-	-	-	-	-	-	-	-
AFR	Quantity	1	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.187	-	-	-	-	-	-	-	-
Total:	Quantity	67	53	23	-	23	-	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 4: Fire Fighting Equipment										P-1 Line Item Number / Title: 824010 / Fire Fighting/Crash Rescue Vehicles										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:										
Secondary Distribution			FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total		FY 2016		FY 2017		FY 2018		FY 2019	
Secondary Distribution			Total Obligation Authority		21.604		23.794		10.152		-		10.152		-		-		-	

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - TRUCK, CRASH P-19 4210-00-406-9615 ⁽¹⁾	P-40a	A	0.00	4	0.000	605,586.00	1	0.606	850,523.00	4	3.402	647,721.00	2	1.295	-	-	-	647,721.00	2	1.295
Item - TRUCK, AERIAL P-21 4210-01-057-0696	P-40a	A	0.00	1	0.000	-	-	-	-	-	-	919,754.00	1	0.920	-	-	-	919,754.00	1	0.920
Item - TRUCK, PUMPER 4X2 P-22 4210-00-224-4564	P-40a	A	0.00	4	0.000	426,273.00	12	5.115	403,161.00	17	6.854	429,544.00	3	1.289	-	-	-	429,544.00	3	1.289
Item - TRUCK, CRASH P-23 4210-00-702-6801	P-40a	A	0.00	14	0.000	659,091.00	5	3.295	944,118.00	2	1.888	704,948.00	2	1.410	-	-	-	704,948.00	2	1.410
Item - TRUCK, PUMPER 4X4 P-24 4210-00-233-1538	P-40a	A	0.00	11	0.000	385,053.00	8	3.080	439,006.00	4	1.756	403,462.00	4	1.614	-	-	-	403,462.00	4	1.614
Item - TRUCK, WATER TANKER P-26 4210-01-356-4907	P-40a	A	0.00	4	0.000	284,519.00	4	1.138	429,758.00	17	7.306	308,467.00	3	0.925	-	-	-	308,467.00	3	0.925
Item - VEHICLE, MEDIUM RESCUE P-30 4210-01-452-5121	P-40a	A	0.00	4	0.000	222,944.00	1	0.223	272,943.00	2	0.546	238,455.00	2	0.477	-	-	-	238,455.00	2	0.477
Item - TRUCK, QUINT P-33 4210-01-500-1083	P-40a	A	0.00	2	0.000	610,958.00	2	1.222	-	-	-	653,200.00	1	0.653	-	-	-	653,200.00	1	0.653
Item - TRUCK, WILDLAND P-29 4210-01-483-1025 ⁽²⁾	P-40a	A	-	-	-	325,661.00	4	1.303	330,040.00	5	1.650	348,319.00	2	0.697	-	-	-	348,319.00	2	0.697
Item - TRUCK, HEAVY RESCUE P-28 4210-01-369-6048	P-40a	A	-	-	-	-	-	-	-	-	-	454,409.00	1	0.454	-	-	-	454,409.00	1	0.454
Item - TRUCK, QUICK ATTACK P-34 4210-01-553-4534	P-40a	A	0.00	36	0.000	187,400.00	30	5.622	178,591.00	2	0.357	204,050.00	2	0.408	-	-	-	204,050.00	2	0.408
Item - PMA OTHER GOVERNMENT COSTS	P-40a	A	-	-	-	-	-	-	-	-	0.035	-	-	0.010	-	-	-	-	-	0.010
Total Gross/Weapon System Cost			-	-	0.000	-	-	21.604	-	-	23.794	-	-	10.152	-	-	-	-	-	10.152

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:
FY15 procurement dollars in the amount of \$10.152M procures, but is not limited to, 23 vehicles in support of installation and unit mission requirements for Air Force personnel.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 4: Fire Fighting Equipment		P-1 Line Item Number / Title: 824010 / Fire Fighting/Crash Rescue Vehicles
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Footnotes: (1) 2 EACH PROCURED WITH FY12 OCO FUNDS (2) WILDLAND 4210014831025 REPLACED THE BRUSH TRUCK		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:										Aggregated Items Title:				
3080F / 02 / 4						824010 / Fire Fighting/Crash Rescue Vehicles										Fire Fighting/Crash Rescue Vehicles				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																				
TRUCK, CRASH P-19 4210-00-406-9615 ⁽¹⁾	A		0.00	4	0.000	605,586.00	1	0.606	850,523.00	4	3.402	647,721.00	2	1.295	-	-	-	647,721.00	2	1.295
Secondary Distribution																				
AF				-	-		1	0.606		4	3.402		2	1.295		-	-		2	1.295
TRUCK, AERIAL P-21 4210-01-057-0696	A		0.00	1	0.000	-	-	-	-	-	-	919,754.00	1	0.920	-	-	-	919,754.00	1	0.920
Secondary Distribution																				
AF				-	-		-	-		-	-		1	0.920		-	-		1	0.920
TRUCK, PUMPER 4X2 P-22 4210-00-224-4564	A		0.00	4	0.000	426,273.00	12	5.115	403,161.00	17	6.854	429,544.00	3	1.289	-	-	-	429,544.00	3	1.289
Secondary Distribution																				
AF				-	-		12	5.115		17	6.854		3	1.289		-	-		3	1.289
TRUCK, CRASH P-23 4210-00-702-6801	A		0.00	14	0.000	659,091.00	5	3.295	944,118.00	2	1.888	704,948.00	2	1.410	-	-	-	704,948.00	2	1.410
Secondary Distribution																				
AF				-	-		5	3.295		2	1.888		2	1.410		-	-		2	1.410
TRUCK, PUMPER 4X4 P-24 4210-00-233-1538	A		0.00	11	0.000	385,053.00	8	3.080	439,006.00	4	1.756	403,462.00	4	1.614	-	-	-	403,462.00	4	1.614
Secondary Distribution																				
AF				-	-		8	3.080		4	1.756		4	1.614		-	-		4	1.614
TRUCK, WATER TANKER P-26 4210-01-356-4907	A		0.00	4	0.000	284,519.00	4	1.138	429,758.00	17	7.306	308,467.00	3	0.925	-	-	-	308,467.00	3	0.925
Secondary Distribution																				
AF				-	-		4	1.138		17	7.306		3	0.925		-	-		3	0.925
VEHICLE, MEDIUM RESCUE P-30 4210-01-452-5121	A		0.00	4	0.000	222,944.00	1	0.223	272,943.00	2	0.546	238,455.00	2	0.477	-	-	-	238,455.00	2	0.477
Secondary Distribution																				
AF				-	-		1	0.223		2	0.546		2	0.477		-	-		2	0.477
TRUCK, QUINT P-33 4210-01-500-1083	A		0.00	2	0.000	610,958.00	2	1.222	-	-	-	653,200.00	1	0.653	-	-	-	653,200.00	1	0.653
Secondary Distribution																				
AF				-	-		2	1.222		-	-		1	0.653		-	-		1	0.653
TRUCK, WILDLAND P-29 4210-01-483-1025 ⁽²⁾	A		-	-	-	325,661.00	4	1.303	330,040.00	5	1.650	348,319.00	2	0.697	-	-	-	348,319.00	2	0.697
Secondary Distribution																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 4									P-1 Line Item Number / Title: 824010 / Fire Fighting/Crash Rescue Vehicles						Aggregated Items Title: Fire Fighting/Crash Rescue Vehicles				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AF				-	-		4	1.303		5	1.650		2	0.697		-	-		2	0.697
TRUCK, HEAVY RESCUE P-28 4210-01-369-6048	A		-	-	-	-	-	-	-	-	-	454,409.00	1	0.454	-	-	-	454,409.00	1	0.454
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		1	0.454		-	-		1	0.454
TRUCK, QUICK ATTACK P-34 4210-01-553-4534	A		0.00	36	0.000	187,400.00	30	5.622	178,591.00	2	0.357	204,050.00	2	0.408	-	-	-	204,050.00	2	0.408
<i>Secondary Distribution</i>																				
AF				-	-		12	2.249		2	0.357		2	0.408		-	-		2	0.408
AFR				-	-		1	0.187		-	-		-	-		-	-		-	-
AFNG				-	-		17	3.186		-	-		-	-		-	-		-	-
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	-	-	-	0.035	-	-	0.010	-	-	-	-	-	0.010
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	0.035		-	0.010		-	-		-	0.010
<i>Subtotal: Uncategorized</i>			-	-	0.000	-	-	21.604	-	-	23.794	-	-	10.152	-	-	-	-	-	10.152
Total			-	-	0.000	-	-	21.604	-	-	23.794	-	-	10.152	-	-	-	-	-	10.152

Remarks:

Unit Costs for FY15 are subject to change.

FY15 PMA Justification

PMA Justification for firefighting is to attend post award conferences on Air Rescue and Fire Fighting (ARFF) contracts, medium rescue trucks, new QUINT contracts, new RIV contract, new pumper contracts, production inspection of new pumper contracts, and Wildland contracts. Post award conferences are vital for the Air Force to have an opportunity to influence the design of the vehicle to Air Force standards. First production ensures the vendor has interpreted and translated the Air Force Commercial Item Description into a proper build. Travel is also required for First Article Production of ARFF and QUINT contracts. First Article Testing will ensure delivery of a suitable asset.

Footnotes:

(1) 2 EACH PROCURED WITH FY12 OCO FUNDS

(2) WILDLAND 4210014831025 REPLACED THE BRUSH TRUCK

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 5: Materials Handling Equipment	P-1 Line Item Number / Title: 825990 / Items Less Than \$5 Million

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	16.237	5.460	15.108	-	15.108	26.093	17.748	10.247	17.229	-	108.122
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	16.237	5.460	15.108	-	15.108	26.093	17.748	10.247	17.229	-	108.122
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	16.237	5.460	15.108	-	15.108	26.093	17.748	10.247	17.229	-	108.122
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

This program includes various material handling vehicles with an individual item procurement value of less than \$5M. These vehicles consist of lifting trucks, sequencing trucks, and other warehouse equipment critical to depot and base supply operations.

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

Program elements associated with this P-1 Line are: 0202834F, 0207597F, 0208028F, 0401221F, 0402834F, 0502834F, 0702831F, 0802834F.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - FORKLIFT, 4K ELECTRIC STANDARD (9175)	P-40a	A	-	-	-	46,000.00	10	0.460	-	-	-	-	-	-	-	-	-	-	-	-
Item - FORKLIFT, 2K ELECTRIC STANDARD (2580)	P-40a	A	-	-	-	30,000.00	8	0.240	-	-	-	-	-	-	-	-	-	-	-	-
Item - FORKLIFT, 20K COMMERCIAL DED (6763)	P-40a	A	-	-	-	137,000.00	5	0.685	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 5: Materials Handling Equipment									P-1 Line Item Number / Title: 825990 / Items Less Than \$5 Million												
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)	
Item - FORKLIFT, 4K DED (0338)	P-40a	A	-	-	-	40,000.00	13	0.520	-	-	-	-	-	-	-	-	-	-	-	-	
Item - FORKLIFT, 4K COMMERCIAL (0885)	P-40a	A	-	-	-	28,000.00	15	0.420	-	-	-	-	-	-	-	-	-	-	-	-	
Item - FORKLIFT, 15K COMMERCIAL (1597)	P-40a	A	-	-	-	76,000.00	5	0.380	-	-	-	-	-	-	-	-	-	-	-	-	
Item - FORKLIFT, 6K RT (2157)	P-40a	A	-	-	-	118,000.00	6	0.708	120,000.00	3	0.360	122,000.00	4	0.488	-	-	-	122,000.00	4	0.488	
Item - CRANE, WAREHOUSE GAS 10000LB (5021)	P-40a	A	-	-	-	144,000.00	4	0.576	-	-	-	-	-	-	-	-	-	-	-	-	
Item - TRUCK MOUNTED CONVEYOR BELT (5630)	P-40a	A	-	-	-	51,400.00	5	0.257	-	-	-	-	-	-	-	-	-	-	-	-	
Item - TRACTOR, WAREHOUSE 4K (3930-001-007-0115)	P-40a	A	-	-	-	48,000.00	11	0.528	45,911.00	2	0.092	-	-	-	-	-	-	-	-	-	
Item - TRUCK, FORKLIFT NARROW AISLE 6K (4083)	P-40a	A	-	-	-	-	-	-	140,980.00	3	0.423	145,000.00	4	0.580	-	-	-	145,000.00	4	0.580	
Item - FORKLIFT, 6K DED (5219)	P-40a	A	-	-	-	47,000.00	13	0.611	52,041.00	4	0.208	51,000.00	37	1.887	-	-	-	51,000.00	37	1.887	
Item - 4K AT 23.5FT RT BOOM FL (4756)	P-40a	A	-	-	-	117,000.00	6	0.702	119,284.00	3	0.358	116,000.00	10	1.160	-	-	-	116,000.00	10	1.160	
Item - 6K FORKLIFT COMMERCIAL (0887)	P-40a	A	-	-	-	38,000.00	22	0.836	38,252.00	6	0.230	38,000.00	46	1.748	-	-	-	38,000.00	46	1.748	
Item - FAT 10K FORKLIFT AT (9695)	P-40a	A	-	-	-	184,000.00	18	3.312	187,000.00	6	1.122	192,000.00	12	2.304	-	-	-	192,000.00	12	2.304	
Item - 10K STANDARD FORKLIFT (6897)	P-40a	A	-	-	-	86,985.00	69	6.002	89,000.00	6	0.534	91,000.00	60	5.460	-	-	-	91,000.00	60	5.460	
Item - 50K AT CONTAINER HANDLER (3658)	P-40a	A	-	-	-	-	-	-	732,000.00	1	0.732	-	-	-	-	-	-	-	-	-	
Item - 100K REACH STACKER (8475)	P-40a	A	-	-	-	-	-	-	467,040.00	1	0.467	-	-	-	-	-	-	-	-	-	
Item - 44K CONTAINER HANDLER (2860)	P-40a	A	-	-	-	-	-	-	451,192.00	2	0.902	-	-	-	-	-	-	-	-	-	
Item - F/L 11K EXTENDED BOOM (NSN TBD)	P-40a	A	-	-	-	-	-	-	-	-	-	124,000.00	9	1.116	-	-	-	124,000.00	9	1.116	
Item - EXTENDED BOOM ATTACHMENT	P-40a	A	-	-	-	-	-	-	-	-	-	360,400.00	1	0.360	-	-	-	360,400.00	1	0.360	
Item - PMA OTHER GOVERNMENT COSTS	P-40a	A	-	-	-	-	-	-	-	-	0.032	-	-	0.005	-	-	-	-	-	0.005	
Total Gross/Weapon System Cost			-	-	-	-	-	16.237	-	-	5.460	-	-	15.108	-	-	-	-	-	15.108	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 5: Materials Handling Equipment		P-1 Line Item Number / Title: 825990 / Items Less Than \$5 Million
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
*For Items, Title represents the Item Number / Title [DODIC].		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		

Justification:
FY15 procurement dollars in the amount of \$15.108M will procure, but is not limited to, 183 vehicles in support of installation and unit mission requirements for Air Force personnel.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 5						P-1 Line Item Number / Title: 825990 / Items Less Than \$5 Million										Aggregated Items Title: Items Less Than \$5 Million					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																					
FORKLIFT, 4K ELECTRIC STANDARD (9175)	A		-	-	-	46,000.00	10	0.460	-	-	-	-	-	-	-	-	-	-	-	-	
FORKLIFT, 2K ELECTRIC STANDARD (2580)	A		-	-	-	30,000.00	8	0.240	-	-	-	-	-	-	-	-	-	-	-	-	
FORKLIFT, 20K COMMERCIAL DED (6763)	A		-	-	-	137,000.00	5	0.685	-	-	-	-	-	-	-	-	-	-	-	-	
FORKLIFT, 4K DED (0338)	A		-	-	-	40,000.00	13	0.520	-	-	-	-	-	-	-	-	-	-	-	-	
FORKLIFT, 4K COMMERCIAL (0885)	A		-	-	-	28,000.00	15	0.420	-	-	-	-	-	-	-	-	-	-	-	-	
FORKLIFT, 15K COMMERCIAL (1597)	A		-	-	-	76,000.00	5	0.380	-	-	-	-	-	-	-	-	-	-	-	-	
FORKLIFT, 6K RT (2157)	A		-	-	-	118,000.00	6	0.708	120,000.00	3	0.360	122,000.00	4	0.488	-	-	-	122,000.00	4	0.488	
CRANE, WAREHOUSE GAS 10000LB (5021)	A		-	-	-	144,000.00	4	0.576	-	-	-	-	-	-	-	-	-	-	-	-	
TRUCK MOUNTED CONVEYOR BELT (5630)	A		-	-	-	51,400.00	5	0.257	-	-	-	-	-	-	-	-	-	-	-	-	
TRACTOR, WAREHOUSE 4K (3930-001-007-0115)	A		-	-	-	48,000.00	11	0.528	45,911.00	2	0.092	-	-	-	-	-	-	-	-	-	
TRUCK, FORKLIFT NARROW AISLE 6K (4083)	A		-	-	-	-	-	-	140,980.00	3	0.423	145,000.00	4	0.580	-	-	-	145,000.00	4	0.580	
FORKLIFT, 6K DED (5219)	A		-	-	-	47,000.00	13	0.611	52,041.00	4	0.208	51,000.00	37	1.887	-	-	-	51,000.00	37	1.887	
4K AT 23.5FT RT BOOM FL (4756)	A		-	-	-	117,000.00	6	0.702	119,284.00	3	0.358	116,000.00	10	1.160	-	-	-	116,000.00	10	1.160	
6K FORKLIFT COMMERCIAL (0887)	A		-	-	-	38,000.00	22	0.836	38,252.00	6	0.230	38,000.00	46	1.748	-	-	-	38,000.00	46	1.748	
FAT 10K FORKLIFT AT (9695)	A		-	-	-	184,000.00	18	3.312	187,000.00	6	1.122	192,000.00	12	2.304	-	-	-	192,000.00	12	2.304	
10K STANDARD FORKLIFT (6897)	A		-	-	-	86,985.00	69	6.002	89,000.00	6	0.534	91,000.00	60	5.460	-	-	-	91,000.00	60	5.460	
50K AT CONTAINER HANDLER (3658)	A		-	-	-	-	-	-	732,000.00	1	0.732	-	-	-	-	-	-	-	-	-	
100K REACH STACKER (8475)	A		-	-	-	-	-	-	467,040.00	1	0.467	-	-	-	-	-	-	-	-	-	
44K CONTAINER HANDLER (2860)	A		-	-	-	-	-	-	451,192.00	2	0.902	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 5							P-1 Line Item Number / Title: 825990 / Items Less Than \$5 Million							Aggregated Items Title: Items Less Than \$5 Million						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
F/L 11K EXTENDED BOOM (NSN TBD)	A		-	-	-	-	-	-	-	-	-	124,000.00	9	1.116	-	-	-	124,000.00	9	1.116
EXTENDED BOOM ATTACHMENT	A		-	-	-	-	-	-	-	-	-	360,400.00	1	0.360	-	-	-	360,400.00	1	0.360
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	-	-	-	0.032	-	-	0.005	-	-	-	-	-	0.005
Subtotal: Uncategorized			-	-	-	-	-	16.237	-	-	5.460	-	-	15.108	-	-	-	-	-	15.108
Total			-	-	-	-	-	16.237	-	-	5.460	-	-	15.108	-	-	-	-	-	15.108

Remarks:

FY15 PMA JUSTIFICATION:

PMA funds will be used for TDY's to witness First Article Testing of contractors' manufacturing forklifts to be nuclear certified. Kirtland AFB requires that nuclear certified testing be witnessed by the engineer as this equipment will be used to handle nuclear assets.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 6: Base Maintenance Support							P-1 Line Item Number / Title: 826210 / Runway Snow Remov & Cleaning Equip					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	1.317	6.144	10.212	-	10.212	6.404	2.348	3.883	2.910	-	33.218
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	1.317	6.144	10.212	-	10.212	6.404	2.348	3.883	2.910	-	33.218
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	1.317	6.144	10.212	-	10.212	6.404	2.348	3.883	2.910	-	33.218
<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>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date. Description: This program procures snow removal vehicles and commercial sweepers used on all airfield surfaces to remove snow and help prevent foreign object damage (FOD) to aircraft engines and tires. Snow removal equipment includes front mounted brooms, multi-purpose blowers, and plows. These vehicles provide critical mission support to airfield operations because fighter aircraft cannot land or take off with ice on the runway. Multi-purpose vacuum sweepers maintain airfields, roads, and grounds. Vacuum sweepers provide equally important support at all air bases due to the high cost of FOD and the potential for loss in FOD-related engine accidents. These assets are critical to the Air Force mission. They are the primary equipment used for snow, ice, and debris removal from runways and taxiways year round. The vital functions of these vehicles prevent the closing of airfields due to debris and/or snow and ice buildup. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Program elements associated with this P-1 line are: 0202834F, 0208028F, 0402834F, 0502834F, 0502844F, 0702831F, 0802834F.												
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019		
AF	Quantity	5	20	24	-	24	-	-	-	-	-	
	Total Obligation Authority	0.877	4.160	8.044	-	8.044	-	-	-	-		
AFNG	Quantity	2	5	6	-	6	-	-	-	-		

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LI 826210 - Runway Snow Remov & Cleaning Equip
Air Force

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 6						P-1 Line Item Number / Title: 826210 / Runway Snow Remov & Cleaning Equip										Aggregated Items Title: Runway Snow Remov & Cleaning Equip					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																					
CLEANER, VAC MULTIPURPOSE (2438)	A		-	-	-	175,390.00	7	1.228	152,000.00	7	1.064	164,000.00	9	1.476	-	-	-	164,000.00	9	1.476	
Secondary Distribution																					
AF				-	-		5	0.877		5	0.760		5	0.820		-	-		5	0.820	
AFNG				-	-		2	0.351		2	0.304		4	0.656		-	-		4	0.656	
RAPID RUNWAY REPAIR DIRT SWEEPER (1997)	A		-	-	-	89,000.00	1	0.089	92,000.00	8	0.736	76,750.00	4	0.307	-	-	-	76,750.00	4	0.307	
Secondary Distribution																					
AF				-	-		-	-		5	0.460		4	0.307		-	-		4	0.307	
AFR				-	-		1	0.089		3	0.276		-	-		-	-		-	-	
54K PLOW (7657)	A		-	-	-	-	-	-	399,000.00	4	1.596	355,000.00	2	0.710	-	-	-	355,000.00	2	0.710	
Secondary Distribution																					
AF				-	-		-	-		4	1.596		2	0.710		-	-		2	0.710	
DUMP W/SNOW PLOW (3963)	A		-	-	-	-	-	-	87,000.00	5	0.435	147,000.00	3	0.441	-	-	-	147,000.00	3	0.441	
Secondary Distribution																					
AF				-	-		-	-		4	0.348		1	0.147		-	-		1	0.147	
AFR				-	-		-	-		-	-		2	0.294		-	-		2	0.294	
AFNG				-	-		-	-		1	0.087		-	-		-	-		-	-	
SNOW BROOM AND BLOWER (3770)	A		-	-	-	-	-	-	527,000.00	2	1.054	529,000.00	2	1.058	-	-	-	529,000.00	2	1.058	
Secondary Distribution																					
AF				-	-		-	-		1	0.527		2	1.058		-	-		2	1.058	
AFNG				-	-		-	-		1	0.527		-	-		-	-		-	-	
SNOW REMOVAL UNIT 3K TON PER HOUR (5554)	A		-	-	-	-	-	-	790,000.00	1	0.790	609,000.00	7	4.263	-	-	-	609,000.00	7	4.263	
Secondary Distribution																					
AF				-	-		-	-		-	-		5	3.045		-	-		5	3.045	
AFNG				-	-		-	-		1	0.790		2	1.218		-	-		2	1.218	
45K REVERSIBLE PLOW (1944)	A		-	-	-	-	-	-	462,000.00	1	0.462	389,000.00	5	1.945	-	-	-	389,000.00	5	1.945	
Secondary Distribution																					
AF				-	-		-	-		1	0.462		5	1.945		-	-		5	1.945	
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	-	-	-	0.007	-	-	0.012	-	-	-	-	-	0.012	
Secondary Distribution																					

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 6									P-1 Line Item Number / Title: 826210 / Runway Snow Remov & Cleaning Equip						Aggregated Items Title: Runway Snow Remov & Cleaning Equip				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
AF				-	-		-	-		-	0.007		-	0.012		-	-		-	0.012
<i>Subtotal: Uncategorized</i>			-	-	0.000	-	-	1.317	-	-	6.144	-	-	10.212	-	-	-	-	-	10.212
Total			-	-	0.000	-	-	1.317	-	-	6.144	-	-	10.212	-	-	-	-	-	10.212

Remarks:

Unit costs for FY15 are subject to change.

FY15 PMA JUSTIFICATION:

-- Funds from PMA will be used for TDYs to the American Public Works Association Western Snow and Ice Meetings. By attending these expos and meetings, AF personnel can write specifications that are generic in nature with the different manufacturers and thus develop a more competitive supplier environment that will reduce costs and still meet the needs of our customers.

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 6: Base Maintenance Support	P-1 Line Item Number / Title: 826990 / Items Less Than \$5 Million

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	15.614	1.580	57.049	-	57.049	102.903	44.055	59.151	59.885	-	340.237
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	15.614	1.580	57.049	-	57.049	102.903	44.055	59.151	59.885	-	340.237
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	15.614	1.580	57.049	-	57.049	102.903	44.055	59.151	59.885	-	340.237
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

This vehicle group consist of maintenance/test vans, water distribution trucks and heavy construction equipment (dozers, large cranes, large dump trucks, rock crushers, motorized scrapers, well-drilling vehicles, compactors, wheel loaders, graders, cement mixers, paving machines, excavators, sewer trucks, refuse trucks, trenches and backhoes). The assets are critical to the Air Force mission and are crucial to keeping many sortie generation/sortie sustainment missions supported and operational. The types of items contained in this P-1 line are critical (deployed) assets used in direct support of Air Force units engaged in contingency operations.

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

Program elements associated with this P-1 line are: 0202834F, 0207227F, 0208028F, 0401221F, 0402834F, 0502834F, 0502844F, 0702831F, 0702834F, 0802834F.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - DUMP TRUCK, 6X4, 64k GVW (6043)	P-40a	A	-	-	-	156,000.00	1	0.156	-	-	-	162,000.00	5	0.810	-	-	-	162,000.00	5	0.810
Item - EXCAVATOR DIESEL ENGINE DRIVEN PT (7176)	P-40a	A	-	-	-	254,750.00	4	1.019	-	-	-	346,000.00	22	7.612	-	-	-	346,000.00	22	7.612
Item - WHEELED DITCHING MACHINE (9974)	P-40a	A	-	-	-	-	-	-	-	-	-	129,000.00	1	0.129	-	-	-	129,000.00	1	0.129

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 6: Base Maintenance Support										P-1 Line Item Number / Title: 826990 / Items Less Than \$5 Million										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - CRANE 30 TON (2990)	P-40a	A	-	-	-	339,000.00	2	0.678	-	-	-	352,000.00	2	0.704	-	-	-	352,000.00	2	0.704
Item - 2.5 CY SCOOP LDR PT (1967)	P-40a	A	-	-	-	-	-	-	142,429.00	3	0.427	-	-	-	-	-	-	-	-	-
Item - 1.5 CY SCOOP LDR W/Q CPLR (8111)	P-40a	A	-	-	-	117,000.00	2	0.234	123,916.00	7	0.867	121,000.00	4	0.484	-	-	-	121,000.00	4	0.484
Item - 4 CY SCOOP LDR PT (1816)	P-40a	A	-	-	-	-	-	-	-	-	-	268,000.00	15	4.020	-	-	-	268,000.00	15	4.020
Item - SCOOP LDR W/ BKHOE (2169)	P-40a	A	-	-	-	-	-	-	-	-	-	77,000.00	2	0.154	-	-	-	77,000.00	2	0.154
Item - SCOOP LOADER, SKID STEER 1CY (5636) ⁽¹⁾	P-40a	A	-	-	-	37,000.00	2	0.074	-	-	-	41,000.00	30	1.230	-	-	-	41,000.00	30	1.230
Item - DISTR BIT TRK MTD (8105)	P-40a	A	-	-	-	-	-	-	-	-	-	156,000.00	1	0.156	-	-	-	156,000.00	1	0.156
Item - PAVING MACH BITU (5288)	P-40a	A	-	-	-	-	-	-	-	-	-	370,000.00	1	0.370	-	-	-	370,000.00	1	0.370
Item - ROLLER MOT PT SP 15T (5898)	P-40a	A	-	-	-	-	-	-	-	-	-	100,000.00	6	0.600	-	-	-	100,000.00	6	0.600
Item - RLR RD MTZ TANDEM (6797)	P-40a	A	-	-	-	36,000.00	2	0.072	-	-	-	37,000.00	2	0.074	-	-	-	37,000.00	2	0.074
Item - RLR VIB TYPE II (5625)	P-40a	A	-	-	-	124,000.00	1	0.124	-	-	-	129,000.00	7	0.903	-	-	-	129,000.00	7	0.903
Item - 1500G WATER DISTR (1808)	P-40a	A	-	-	-	-	-	-	-	-	-	125,495.00	10	1.255	-	-	-	125,495.00	10	1.255
Item - TRAC IND IW-70 (8984)	P-40a	A	-	-	-	43,000.00	7	0.301	-	-	-	44,000.00	11	0.484	-	-	-	44,000.00	11	0.484
Item - DOZER T7 (1161) ⁽²⁾	P-40a	A	-	-	-	396,909.09	22	8.732	-	-	-	412,000.00	16	6.592	-	-	-	412,000.00	16	6.592
Item - GRADER, SIZE V, TYPE III (4624)	P-40a	A	-	-	-	-	-	-	178,000.00	1	0.178	207,000.00	4	0.828	-	-	-	207,000.00	4	0.828
Item - TRACTOR, WHLD IND. (8542)	P-40a	A	-	-	-	-	-	-	103,000.00	1	0.103	149,000.00	3	0.447	-	-	-	149,000.00	3	0.447
Item - SEWER TRK TANDEM AXLE (5501)	P-40a	A	-	-	-	-	-	-	-	-	-	385,000.00	3	1.155	-	-	-	385,000.00	3	1.155
Item - WATER WAGON (6813) ⁽³⁾	P-40a	A	-	-	-	985,000.00	1	0.985	-	-	-	1,022K	1	1.022	-	-	-	1,022K	1	1.022
Item - TLR DITCHING MACH (4053)	P-40a	A	-	-	-	29,000.00	3	0.087	-	-	-	30,000.00	3	0.090	-	-	-	30,000.00	3	0.090
Item - CR HYD TRK 100-150T (9992)	P-40a	A	-	-	-	940,000.00	1	0.940	-	-	-	972,000.00	1	0.972	-	-	-	972,000.00	1	0.972
Item - GRADER, SZ 6 (5314) ⁽⁴⁾	P-40a	A	-	-	-	196,000.00	11	2.156	-	-	-	203,000.00	12	2.436	-	-	-	203,000.00	12	2.436

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 02: Vehicular Equipment / BSA 6: Base Maintenance Support												P-1 Line Item Number / Title: 826990 / Items Less Than \$5 Million									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Item - SCRAPER MOTORIZED (5512)	P-40a	A	-	-	-	-	-	-	-	-	-	1,196K	2	2.392	-	-	-	1,196K	2	2.392	
Item - COMPACTOR SHEEPS (7626)	P-40a	A	-	-	-	-	-	-	-	-	-	443,000.00	1	0.443	-	-	-	443,000.00	1	0.443	
Item - 7.5 T CRANCE (3991)	P-40a	A	-	-	-	-	-	-	-	-	-	401,000.00	8	3.208	-	-	-	401,000.00	8	3.208	
Item - GRADER SZ 7 (1906)	P-40a	A	-	-	-	-	-	-	-	-	-	707,000.00	6	4.242	-	-	-	707,000.00	6	4.242	
Item - TLR MANHOLE CLNR (3295)	P-40a	A	-	-	-	56,000.00	1	0.056	-	-	-	58,000.00	1	0.058	-	-	-	58,000.00	1	0.058	
Item - TRUCK, DUMP (2320-01-344-9282)	P-40a	A	-	-	-	-	-	-	-	-	-	115,982.00	14	1.624	-	-	-	115,982.00	14	1.624	
Item - COMPACT TRACK LOADER (3805-01-603-8653)	P-40a	A	-	-	-	-	-	-	-	-	-	350,000.00	30	10.500	-	-	-	350,000.00	30	10.500	
Item - VOLUMETRIC MIXER (NSN TBD)	P-40a	A	-	-	-	-	-	-	-	-	-	116,000.00	6	0.696	-	-	-	116,000.00	6	0.696	
Item - ASPHALT BATCH PLANT (NSN TBD)	P-40a	A	-	-	-	-	-	-	-	-	-	125,000.00	10	1.250	-	-	-	125,000.00	10	1.250	
Item - 2000 GAL WATER TRAILER (NSN TBD)	P-40a	A	-	-	-	-	-	-	-	-	-	35,000.00	3	0.105	-	-	-	35,000.00	3	0.105	
Item - PMA OTHER GOVERNMENT COSTS	P-40a	A	-	-	-	-	-	-	-	-	0.004	-	-	0.004	-	-	-	-	-	0.004	
Total Gross/Weapon System Cost			-	-	-	-	-	15.614	-	-	1.580	-	-	57.049	-	-	-	-	-	57.049	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY15 procurement dollars in the amount of \$57.049M procures, but is not limited to, 243 vehicles in support of installation and unit mission requirements for Air Force personnel.																					
Footnotes: (1) PLACE HOLDER FOR AIRFIELD DAMAGE REPAIR (ADR) PROCUREMENTS (2) Reference footnote (1) (3) Reference footnote (1) (4) Reference footnote (1)																					

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 6						P-1 Line Item Number / Title: 826990 / Items Less Than \$5 Million									Aggregated Items Title: Items Less Than \$5 Million					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																				
DUMP TRUCK, 6X4, 64k GVW (6043)	A		-	-	-	156,000.00	1	0.156	-	-	-	162,000.00	5	0.810	-	-	-	162,000.00	5	0.810
EXCAVATOR DIESEL ENGINE DRIVEN PT (7176)	A		-	-	-	254,750.00	4	1.019	-	-	-	346,000.00	22	7.612	-	-	-	346,000.00	22	7.612
WHEELED DITCHING MACHINE (9974)	A		-	-	-	-	-	-	-	-	-	129,000.00	1	0.129	-	-	-	129,000.00	1	0.129
CRANE 30 TON (2990)	A		-	-	-	339,000.00	2	0.678	-	-	-	352,000.00	2	0.704	-	-	-	352,000.00	2	0.704
2.5 CY SCOOP LDR PT (1967)	A		-	-	-	-	-	-	142,429.00	3	0.427	-	-	-	-	-	-	-	-	-
1.5 CY SCOOP LDR W/Q CPLR (8111)	A		-	-	-	117,000.00	2	0.234	123,916.00	7	0.867	121,000.00	4	0.484	-	-	-	121,000.00	4	0.484
4 CY SCOOP LDR PT (1816)	A		-	-	-	-	-	-	-	-	-	268,000.00	15	4.020	-	-	-	268,000.00	15	4.020
SCOOP LDR W/ BKHOE (2169)	A		-	-	-	-	-	-	-	-	-	77,000.00	2	0.154	-	-	-	77,000.00	2	0.154
SCOOP LOADER, SKID STEER 1CY (5636) ⁽¹⁾	A		-	-	-	37,000.00	2	0.074	-	-	-	41,000.00	30	1.230	-	-	-	41,000.00	30	1.230
DISTR BIT TRK MTD (8105)	A		-	-	-	-	-	-	-	-	-	156,000.00	1	0.156	-	-	-	156,000.00	1	0.156
PAVING MACH BITU (5288)	A		-	-	-	-	-	-	-	-	-	370,000.00	1	0.370	-	-	-	370,000.00	1	0.370
ROLLER MOT PT SP 15T (5898)	A		-	-	-	-	-	-	-	-	-	100,000.00	6	0.600	-	-	-	100,000.00	6	0.600
RLR RD MTZ TANDEM (6797)	A		-	-	-	36,000.00	2	0.072	-	-	-	37,000.00	2	0.074	-	-	-	37,000.00	2	0.074
RLR VIB TYPE II (5625)	A		-	-	-	124,000.00	1	0.124	-	-	-	129,000.00	7	0.903	-	-	-	129,000.00	7	0.903
1500G WATER DISTR (1808)	A		-	-	-	-	-	-	-	-	-	125,495.00	10	1.255	-	-	-	125,495.00	10	1.255
TRAC IND IW-70 (8984)	A		-	-	-	43,000.00	7	0.301	-	-	-	44,000.00	11	0.484	-	-	-	44,000.00	11	0.484
DOZER T7 (1161) ⁽²⁾	A		-	-	-	396,909.09	22	8.732	-	-	-	412,000.00	16	6.592	-	-	-	412,000.00	16	6.592
GRADER, SIZE V, TYPE III (4624)	A		-	-	-	-	-	-	178,000.00	1	0.178	207,000.00	4	0.828	-	-	-	207,000.00	4	0.828
TRACTOR, WHLD IND. (8542)	A		-	-	-	-	-	-	103,000.00	1	0.103	149,000.00	3	0.447	-	-	-	149,000.00	3	0.447
SEWER TRK TANDEM AXLE (5501)	A		-	-	-	-	-	-	-	-	-	385,000.00	3	1.155	-	-	-	385,000.00	3	1.155

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 6								P-1 Line Item Number / Title: 826990 / Items Less Than \$5 Million								Aggregated Items Title: Items Less Than \$5 Million			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
WATER WAGON (6813) ⁽³⁾	A		-	-	-	985,000.00	1	0.985	-	-	-	1,022K	1	1.022	-	-	-	1,022K	1	1.022
TLR DITCHING MACH (4053)	A		-	-	-	29,000.00	3	0.087	-	-	-	30,000.00	3	0.090	-	-	-	30,000.00	3	0.090
CR HYD TRK 100-150T (9992)	A		-	-	-	940,000.00	1	0.940	-	-	-	972,000.00	1	0.972	-	-	-	972,000.00	1	0.972
GRADER, SZ 6 (5314) ⁽⁴⁾	A		-	-	-	196,000.00	11	2.156	-	-	-	203,000.00	12	2.436	-	-	-	203,000.00	12	2.436
SCRAPER MOTORIZED (5512)	A		-	-	-	-	-	-	-	-	-	1,196K	2	2.392	-	-	-	1,196K	2	2.392
COMPACTOR SHEEPS (7626)	A		-	-	-	-	-	-	-	-	-	443,000.00	1	0.443	-	-	-	443,000.00	1	0.443
7.5 T CRANCE (3991)	A		-	-	-	-	-	-	-	-	-	401,000.00	8	3.208	-	-	-	401,000.00	8	3.208
GRADER SZ 7 (1906)	A		-	-	-	-	-	-	-	-	-	707,000.00	6	4.242	-	-	-	707,000.00	6	4.242
TLR MANHOLE CLNR (3295)	A		-	-	-	56,000.00	1	0.056	-	-	-	58,000.00	1	0.058	-	-	-	58,000.00	1	0.058
TRUCK, DUMP (2320-01-344-9282)	A		-	-	-	-	-	-	-	-	-	115,982.00	14	1.624	-	-	-	115,982.00	14	1.624
COMPACT TRACK LOADER (3805-01-603-8653)	A		-	-	-	-	-	-	-	-	-	350,000.00	30	10.500	-	-	-	350,000.00	30	10.500
VOLUMETRIC MIXER (NSN TBD)	A		-	-	-	-	-	-	-	-	-	116,000.00	6	0.696	-	-	-	116,000.00	6	0.696
ASPHALT BATCH PLANT (NSN TBD)	A		-	-	-	-	-	-	-	-	-	125,000.00	10	1.250	-	-	-	125,000.00	10	1.250
2000 GAL WATER TRAILER (NSN TBD)	A		-	-	-	-	-	-	-	-	-	35,000.00	3	0.105	-	-	-	35,000.00	3	0.105
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	-	-	-	0.004	-	-	0.004	-	-	-	-	-	0.004
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	15.614	-	-	1.580	-	-	57.049	-	-	-	-	-	57.049
Total			-	-	-	-	-	15.614	-	-	1.580	-	-	57.049	-	-	-	-	-	57.049

Remarks:

UNIT COSTS FOR FY15 ARE SUBJECT TO CHANGE.

FY15 PMA JUSTIFICATION

Funds from PMA will be used for TDY to the Vehicle Transformation and Acquisition Council (VTAC) and the GSA Federal Fleet conference. Robins AFB personnel can learn from the face-to-face discussions concerning Air Force requirements, sustainment, and future plans. By attending these expos and conferences, AF personnel can write specifications that are generic in nature with the different manufacturers and thus develop a more competitive supplier environment that will reduce costs and still meet the needs of our customers.

Footnotes:

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 02 / 6	P-1 Line Item Number / Title: 826990 / Items Less Than \$5 Million	Aggregated Items Title: Items Less Than \$5 Million
(1) PLACE HOLDER FOR AIRFIELD DAMAGE REPAIR (ADR) PROCUREMENTS (2) Reference footnote (1) (3) Reference footnote (1) (4) Reference footnote (1)		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)							P-1 Line Item Number / Title: 831010 / Comsec Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	127.439	92.695	106.182	-	106.182	139.358	170.307	136.754	115.356	-	888.091
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	127.439	92.695	106.182	-	106.182	139.358	170.307	136.754	115.356	-	888.091
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	127.439	92.695	106.182	-	106.182	139.358	170.307	136.754	115.356	-	888.091
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: PE 0208088F AF DEFENSIVE CYBERSPACE OPERATIONS Provides defensive counter information capability to protect the AFNet and its associated computer systems, including software applications and sensitive operational information against unauthorized intrusion, corruption, and/or destruction. Also provides defensive Cyber Command and Control/Situational Awareness (C2/SA), which enable cyber commanders to monitor Air Force network status and execute courses of action to mitigate threats. Prior to FY14 was funded in PE 0303140F. PE 0303135F PUBLIC KEY INFRASTRUCTURE (PKI) This program funds procurement of PUBLIC KEY INFRASTRUCTURE (PKI). PKI provides identity management (IDM) services to support warfighter requirements. PKI provides the basic framework and services implemented within DoD to ensure information systems security. It provides the capability to attach digital signatures to electronic documents for identity management, and to encrypt and decrypt electronic documents for secure transmission. PKI-enabled applications afford confidentiality and authentication services to communications and/or network transactions, as well as verification of the data integrity and non-repudiation of those transactions. PKI is one many of security solutions used to protect information and provide attributes to enable access to critical resources in the Global Information Grid (GIG) and is used concurrently with other solutions. Funding supports several different requirement areas to procure infrastructure equipment for the field in support of Secret Internet Protocol Routed Network (SIPRNET), PKI, and Evolutionary PKI End User Equipment. PE 0303140F INFORMATION SYSTEMS SECURITY PROGRAM: This program funds procurement of Communications Security (COMSEC) equipment, ancillary encryption/decryption devices, and related equipment to enable the secure transport of information. United States Air Force (AF) and the Department of Defense (DoD) require the capability to collect, process, and disseminate an uninterrupted flow of information while denying an adversary the ability to intercept, collect, destroy, interpret, or manipulate our information flows. Secure communication allows the DoD to achieve and maintain decision superiority; the key to successful application of the military instrument of national power. AF COMSEC equipment protects information such as, warfighter positions, mission planning, target strikes, commanders' orders, intelligence, force strength, and force readiness. This COMSEC program ensures adversaries cannot interpret, manipulate, or destroy information. When an adversary is capable of interpretation, manipulation, or destruction of the information used by the warfighter, DoD military forces may suffer significant and/or devastating mission degradation that can result in loss of life and resources and/or cede information that could be used against the United States in a public forum.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)									P-1 Line Item Number / Title: 831010 / Comsec Equipment											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
The COMSEC program includes equipment upgrades and replacements which incorporate latest and/or best technologies mandated to provide mission critical warfighter secure voice and data communications in space, tactical, strategic, and network applications for our globally-deployed COMSEC crypto assets supporting both AF and DoD missions. Details of the assets are included in each section's narrative.																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - Intrusion Vulnerability Assessment	P-40a	A	-	-	-	-	-	-	1,536K	1	1.536	-	-	-	-	-	-	-	-	-
Item - Computer Security Assistance Program (CSAP) Countermeasures	P-40a	A	-	-	-	-	-	-	445,400.00	5	2.227	576,400.00	5	2.882	-	-	-	576,400.00	5	2.882
Item - a. SECURE INTERNET PROTOCOL ROUTED NETWORK (SIPRNET) PKI	P-40a	A	-	-	-	23.50	155,533	3.655	-	-	-	-	-	-	-	-	-	-	-	-
Item - b. Evolutionary PKI End User Equipment	P-40a	A	-	-	-	-	-	-	50.00	30,000	1.500	49.56	75,380	3.736	-	-	-	49.56	75,380	3.736
Item - c. AIR FORCE DIRECTORY SERVICES	P-40a	A	-	-	-	1,096K	1	1.096	1,118K	1	1.118	1,126K	1	1.126	-	-	-	1,126K	1	1.126
Item - a. PRODUCTS	P-40a	A	-	-	-	21,521.49	1,885	40.568	16,655.53	778	12.958	15,027.22	698	10.489	-	-	-	15,027.22	698	10.489
Item - b. LOGISTICS ⁽¹⁾	P-40a	A	-	-	-	784,666.67	9	7.062	1,136K	6	6.819	879,500.00	2	1.759	-	-	-	879,500.00	2	1.759
Item - a. SECURE TELEPHONES	P-40a	A	-	-	-	2,570.06	1,256	3.228	1,566.47	700	1.097	1,842.54	724	1.334	-	-	-	1,842.54	724	1.334
Item - b. COMSEC ACQUISITION REFORM (CAR)	P-40a	A	-	-	-	14,781.25	32	0.473	5,252.65	100	0.525	10,250.00	100	1.025	-	-	-	10,250.00	100	1.025
Item - c. PECULIAR SUPPORT EQUIPMENT	P-40a	A	-	-	-	4,930.56	72	0.355	5,169.92	72	0.372	5,166.67	72	0.372	-	-	-	5,166.67	72	0.372
Item - d. SECURE COMMUNICATIONS VOICE/ DATA	P-40a	A	-	-	-	-	-	-	5,187.25	102	0.529	14,694.44	36	0.529	-	-	-	14,694.44	36	0.529
Item - e. IN-LINE NETWORK ENCRYPTORS	P-40a	A	-	-	-	15,017.70	678	10.182	14,474.77	792	11.464	14,767.81	758	11.194	-	-	-	14,767.81	758	11.194
Item - f. EMBEDDED ENCRYPTION DEVICES	P-40a	A	-	-	-	-	-	-	358.44	539	0.193	460.11	539	0.248	-	-	-	460.11	539	0.248
Item - g. TELEMETRY ENCRYPTION/ DECRYPTION DEVICES	P-40a	A	-	-	-	-	-	-	16,463.09	23	0.379	16,478.26	23	0.379	-	-	-	16,478.26	23	0.379
Item - h. LINK ENCRYPTION FAMILY	P-40a	A	-	-	-	-	-	-	-	-	-	8,909.75	687	6.121	-	-	-	8,909.75	687	6.121
Item - a. (1) KG-3X DEVICES	P-40a	A	-	-	-	113,666.67	3	0.341	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)									P-1 Line Item Number / Title: 831010 / Comsec Equipment												
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)	
Item - a. (2) KG-3X INTERIM CONTRACTOR SUPPORT (ICS) - LABOR	P-40a	A	-	-	-	-	-	0.326	-	-	-	-	-	-	-	-	-	-	-	-	
Item - b. (1) KIV-77	P-40a	A	-	-	-	5,401.43	279	1.507	6,770.57	1,495	10.122	31,149.51	408	12.709	-	-	-	31,149.51	408	12.709	
Item - b. (2) KIV-78	P-40a	A	-	-	-	30,198.02	101	3.050	-	-	-	42,283.95	81	3.425	-	-	-	42,283.95	81	3.425	
Item - c. (1) REMOTE REKEY (RRK) (CI-33) DEVICES	P-40a	A	-	-	-	877,857.14	7	6.145	261,166.67	30	7.835	467,200.00	5	2.336	-	-	-	467,200.00	5	2.336	
Item - c. (2) REMOTE REKEY (RRK) (CI-33) INTERIM CONTRACTOR SUPPORT (ICS-LABOR)	P-40a	A	-	-	-	-	-	0.969	-	-	-	-	-	-	-	-	-	-	-	-	
Item - d. (1) VINSON/ ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) COMPONENTS (ARC-234)	P-40a	A	-	-	-	-	-	-	-	-	-	7,441.18	102	0.759	-	-	-	7,441.18	102	0.759	
Item - d. (2) VINSON/ ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) DEVICES LOW RATE INITIAL PRODUCTI...	P-40a	A	-	-	-	35,947.78	383	13.768	-	-	-	-	-	-	-	-	-	-	-	-	
Item - d. (3) VINSON/ ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) INTERIM CONTRACTOR SUPPORT (ICS)	P-40a	A	-	-	-	-	-	0.889	-	-	-	-	-	0.522	-	-	-	-	-	0.522	
Item - d. (4) VINSON/ ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) DEVICES	P-40a	A	-	-	-	7,850.31	3,180	24.964	5,633.65	3,180	17.915	8,231.45	3,180	26.176	-	-	-	8,231.45	3,180	26.176	
Item - e. PROGRAM MANAGEMENT (PMA)	P-40a	A	-	-	-	-	-	1.423	-	-	3.066	-	-	2.382	-	-	-	-	-	2.382	
Item - a. TECHNICAL UPDATES	P-40a	A	-	-	-	-	-	-	662.72	1,945	1.289	1,990.38	624	1.242	-	-	-	1,990.38	624	1.242	
Item - b. KOV-21 CARDS & REFRESH	P-40a	A	-	-	-	121.18	1,700	0.206	67.65	1,700	0.115	141.18	1,700	0.240	-	-	-	141.18	1,700	0.240	
Item - c. SIMPLE KEY LOADER (SKL) & REFRESH	P-40a	A	-	-	-	25.33	3,000	0.076	244.40	2,500	0.611	259.65	2,850	0.740	-	-	-	259.65	2,850	0.740	
Item - a. CLIENT WORKSTATIONS	P-40a	A	-	-	-	1,256.48	275	0.346	1,990.74	712	1.417	2,091.84	882	1.845	-	-	-	2,091.84	882	1.845	
Item - b. MANAGEMENT CLIENT (MGC)	P-40a	A	-	-	-	16,886.50	25	0.422	33,802.56	142	4.800	33,318.18	132	4.398	-	-	-	33,318.18	132	4.398	
Item - c. KEY PROCESSOR (AKP)	P-40a	A	-	-	-	19,005.55	55	1.045	60,433.73	66	3.989	53,903.61	83	4.474	-	-	-	53,903.61	83	4.474	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)											P-1 Line Item Number / Title: 831010 / Comsec Equipment										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)	
Item - d. KOV-29 LOAD ELEMENTS	P-40a	A	-	-	-	-	-	-	-	-	-	787.33	1,500	1.181	-	-	-	787.33	1,500	1.181	
Item - e. AFKMI PICA ACTIVITIES	P-40a	A	-	-	-	-	-	3.150	-	-	0.819	-	-	2.559	-	-	-	-	-	2.559	
Item - a. COMPUTER SECURITY ASSISTANCE (CSAP) COUNTERMEASURES ⁽²⁾	P-40a	A	-	-	-	438,600.00	5	2.193	-	-	-	-	-	-	-	-	-	-	-	-	
Total Gross/Weapon System Cost			-	-	-	-	-	127.439	-	-	92.695	-	-	106.182	-	-	-	-	-	106.182	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0208088F AF DEFENSIVE CYBERSPACE OPERATIONS																					
INTRUSION VULNERABILITY/ASSESSMENT: FY15 funding conducts vulnerability assessments, analyzes current network security configurations and measures compliance to technical directives to ensure the security posture of cyber assets. Additionally defense assessments provide scenarios to exercise network defender's ability to respond to simulated adversarial threats on the network to include execution of information operations-based mission assurance, network vulnerability and intrusion assessments. Assessments utilize tactics, techniques, and procedures in assessing hosts, systems, and networks to provide technical security guidance for securing the assessed system and identifying the Advanced Persistent Threat (APT) on the network and multi-disciplinary vulnerability assessments, including Operations Security measures of a military installation. Assessments include interconnected/controlled cyber-physical systems (CPS). Assessments conduct DCC missions to detect, track, identify, characterize and respond to adversary network operations (ANO) within the AF Global Information Grid (GIG).																					
COMPUTER SECURITY ASSISTANCE PROGRAM (CSAP) COUNTERMEASURES: FY15 funding procures hardware/software necessary for vulnerability analysis, vulnerability identification, countermeasure development, and testing in an environment simulating the real-world operational environment. From combat operations to social media use, network bandwidth requirements continue to explode at unprecedented rates. This ever-increasing throughput adds unparalleled threats targeting AF cyber network systems. To keep pace with the threat, innovative solutions continuously require new versions of these capabilities. These capabilities provide daily support to multiple efforts including US Cyber Command and other Combatant Commanders; 24th Air Force: 624 Operations Center; 67th Network Warfare Wing: 33 Network Warfare Squadron (NWS) (AFCERT) and 26 Network Operations Squadron (NOS); Air Force Network Integration Center, Defense Information Systems Agency, Air Force Office of Special Investigations, and other organizations and are integral to the successful performance of the 318 IOG mission. Continuous system revisions are required to remain current with technology. Without the CSAP system, the security of AF networks may be compromised due to inadequate facilities needed to innovate, to develop and test new intrusion detection signatures and investigate new technologies and architectures being integrated into AF networks.																					
PE 0303135F PUBLIC KEY INFRASTRUCTURE (PKI):																					
PKI provides for SIPRNET. The current Class 3 PKI token (DoD Common Access Card (CAC)) is undergoing a gradual evolution towards a higher assurance token. Additionally, Homeland Security Presidential Directive-12 (HSPD-12) mandates a common identification card across the Federal Government. Based on the HSPD-12 requirements the National Institute of Standards and Technology (NIST) developed Federal Information Processing Standard 201 (FIPS 201) which adds security requirements to the identification card. FY15 funds were not requested.																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)		P-1 Line Item Number / Title: 831010 / Comsec Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
EVOLUNTIONARY PKI END USER EQUIPMENT. PKI-based authentication coupled with the hardware security afforded by smartcards enables a user to authenticate securely to a remote server. However, the security of the operation on the smartcard initiated by a PC is intimately dependent upon the integrity of the PC. Yet the PCs used to access sensitive USAF sites are too easily infected with malware. The use of the pin-pad reader eliminates the operations on the hosts systems, thus adding further security to the AF. FY15 funds will procure pin-pad smart readers for added security. AIR FORCE DIRECTORY SERVICES (AFDS): AFDS is one of three pillars of DoD Identity Management. The others are PKI and CAC. AFDS ensures that AF user identities are common and synchronized across directories and information stores of various networks, systems, and applications. AFDS eliminates the disparity of maintaining stove-piped systems and through the use of directory technology, alleviates latency associated with the sharing/replication of identity data attributes. AFDS supports delivery of an enterprise security service and backbone for AF networks (both in-garrison and tactical), by providing AF user credentials to the AF Network Enterprise and AF system applications. AFDS addresses challenges and enhances AF mission performance through seamless integrated access to the right information anywhere, anytime. AFDS leverages and provides a core meta-directory service that "joins" and synchronizes personal identity data attributes from authoritative AF and DoD repositories for use by all AF systems and applications. FY15 funds will procure hardware, software, and support upgrades. PE 0303140F INFORMATION SYSTEMS SECURITY PROGRAM: 1. Space COMSEC Mission: Space COMSEC FY15 funding procures crypto products for ground nodes that link to space assets. Space COMSEC equipment is a foundational element in achieving Air Force space and information superiority. Space COM SEC is an enabler for space system compliance with DoD I 8581.01 - Information Assurance (IA) Policy for Space Systems used by the Department of Defense. Space COMSEC mission provides communications security products and lifecycle sustainment support to all DoD satellite systems and commercial systems supporting DoD missions. It enables secure Command and Control (C2) of satellites and prevents unauthorized access and destruction. It enables secure transmission of satellite systems' health status telemetry data (satellite health and relative orbital position) to ground control stations, thus protecting critical information about the capabilities of DoD satellite systems. The capability of a system must be protected from an adversary to avoid exploitation of a system weakness/limitation, knowledge of which could assist an adversary in a successful mission against DoD military forces and potential loss of life. Space COM SEC also provides secure transmission of information collected by satellite sensors, which provides the warfighter an integrated view of the battle space. Space COM SEC provides for secure SAT COM, positioning, navigation, timing, weather, nuclear detection and early warning missions. Space COM SEC also enables transmission security (TRANSEC) for space platforms. Space COMSEC mission procures crypto end items and logistics elements to support developing and operational space systems. Funding for this effort is in PE 0303140F. a. PRODUCTS: FY15 funding provides for the production of Space COMSEC products to meet developing and operational space program needs. Space COMSEC products include End Crypto Units (ECU), Embedment Solutions (ES), TRANSEC, and ancillaries. Due to low volume production quantities and high reliability design, Space COMSEC products can range in price from \$10K per unit to \$2M per unit. As a commodity item, Space COMSEC procures standard crypto products, which enable minimized lifecycle footprints. Space COMSEC procures from multiple crypto vendors, however, with the low volume consumption by space programs, the space crypto industry base is less than a dozen companies. b. LOGISTICS: FY15 funding provides for the production of Space COMSEC logistics elements. Space COMSEC products typically have a 20 to 40 year lifecycle to support development, launch, and operation of multiple AF and DoD space systems. Space COMSEC is provided as Government Furnished Equipment (GFE) to the space system developing contractors and operational ground stations. Space COMSEC products are high-cost critical assets. They are organically sustained to include component level maintenance completed exclusively by the AF. Logistics procures the necessary lifecycle sustainment elements required to meet the 40 year mission requirements. Logistics elements include specialized test sets, certified training materials/courses, maintenance manuals, provisioning, and modifications. 2. AIR AND GROUND (A&G) COMSEC PROGRAM: The Air and Ground COMSEC Program procures and supports a wide range of secure encryption products supporting AF, inter-Service, and various DoD agency terrestrial and airborne customers; and includes items approved under National Security Agency's Commercial COMSEC Evaluation Program (CCEP); such as KIV-7M, KIV-19M, TACLANE, and other High Assurance Internet Protocol Encryptor (HAIPE) devices. The program includes equipment upgrades and replacements that incorporate latest/best technologies to ensure mission-critical warfighter secure voice and data communication interchanges. The program supports space, tactical, Strategic, and network applications, including critical Nuclear Command and Control (NC2) and Top Secret and Secret networks, for globally deployed cryptologic assets supporting Air Force and DoD. Supported systems fall within Air Force Information Systems Security (ISSP) and Information Assurance (IA) mission areas. The air and ground COMSEC lines are an aggregate of various crypto products under each budgetary line. Each year the type and/or quantity of products utilized to meet requirements varies (per product life cycles); an average unit cost based on type/number of units planned for purchase is reported. Funding for this effort is in PE 0303140F. a. SECURE TELEPHONES: FY15 funds procure secure voice/data equipment in the Secure Communications Interoperability Protocol family of systems, which provide secure and non-secure voice and data across telephone and cellular networks.		

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Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)		P-1 Line Item Number / Title: 831010 / Comsec Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
b. COMSEC ACQUISITION REFORM (CAR): FY15 funding supports AF Major Commands that have emergency requirements for COMSEC equipment. The CAR program provides the Cryptologic & Cyber Systems Division (CCSD) a wide range of products required for the protection of classified information. Products include DoD Type I COMSEC equipment and commercial cryptography products. Readily available equipment at CCSD enables a quick turnaround for customers requiring CCEP products. c. PECULIAR SUPPORT EQUIPMENT: FY15 funding will be used to procure testing and support equipment used by the Information Assurance Technical Assistance Center (ITAC) personnel to provide life cycle engineering support to all AF users of COMSEC as part of CCSD's COMSEC sustainment mission as specified in AFI 33-201, Communications Security (COMSEC). This equipment will ensure that complete and timely COMSEC technical support is provided to our war fighters in support of their mission assignments. d. SECURE COMMUNICATIONS VOICE/DATA: FY15 funds procure secure communications voice/data products to secure communications over various transmission mediums. The fielding/procurement strategy ended in FY11 for the secure wireless access points, encryption devices, and monitoring equipment to eliminate unsecured wireless local area network at 35 installations. However, sustainment activities to support these local area networks continues under this PE. e. IN-LINE NETWORK ENCRYPTORS: Previously called "Network Encryption Systems." FY15 funding fields the new In-line Network Encryptors (INE) required to maintain the confidentiality, data integrity, and non-repudiation of classified communications. INEs are the mainstay for securing communications used in classified terrestrial networks and is now being used in an increasing number for airborne communications networks. The new INEs feature robust data encryption improvements including the High Assurance Internet Protocol Encryption Interoperability Specification (HAIP E IS) as well as Internet Protocol Version 6 capability that improves security and expands the bandwidth of USAF secure Internet Protocol networks. f. EMBEDDED ENCRYPTION DEVICES: FY15 funding provides embedded COMSEC modules developed for encrypting and decrypting serial pulse code modulated data for airborne communications systems that require a streaming narrowband signal. Embedded devices are used in various communication systems where size, weight, and power have to conform to very small packages. The Common Data Link (CDL) and the Tactical Common Data Link (TCDL) are two of the systems employing these embedded devices. g. TELEMETRY ENCRYPTION/DECRYPTION DEVICES: FY15 funds provide for procurement and sustainment of telemetry devices and equipment employed to test and verify the proper operation weapon systems used on combat aircraft. The telemetry devices and equipment encrypts/decrypts the telemetry data to ensure the technical specifications of the weapons systems are not exploited or compromised by any adversary. h. LINK ENCRYPTION FAMILY (LEF): FY15 funds provide for the replacement of the legacy LEF with new more secure crypto modernization compliant LEF devices. The LEF provide near real time secure communications for national and command level decision making authorities up to TOP SECRET SCI. The new LEF devices include more robust encryption algorithms, as well as dual channel, increased bandwidth capability, and reprogrammability. NSA has issued classified instructions regarding the use of specific LEF devices. 3. CRYPTOGRAPHIC MODERNIZATION: The DoD is transforming its existing operational capabilities to realize a seamless joint network of information and engagement grids that securely link sensors, command and control cells, and tactical units to support current and future warfighting capabilities. This includes cryptographic devices that are more robust, modular, scalable, capable, net-centric, and durable allowing more effective and efficient performance including reduced inventory, expanded data rates, simplified upgrades, and ensured Global Information Grid-compatibility. The Global Information Grid (GIG) requires a transformed cryptographic inventory. The DoD Cryptographic Modernization (CM) Initiative delivers that inventory, ensuring a strong security posture for national security and tactical communications systems by providing transparent cryptographic capabilities consistent with operational imperatives, National Security Agency mandates, and mission environments. The future inventory will provide security devices that ease logistics, support joint interoperability, improve interoperability with allies and coalition partners, enable network-centric and transparent key/equipment management, and allow effective future upgrades. These CM programs enable information dominance by developing and procuring communications security devices that deter and deny known and emerging threats while accommodating significantly increased bandwidths and processing speeds without increasing communication transient and information holding risk. Current CM programs will ensure modernized, secure communications capability to VINSON/ANDVT radios, the Identification Friend Foe (IFF) Mode 5 system, the Situation Awareness Data Link, a Remote ReKey system for multiple Homeland Defense and other radar sites, dozens of Nuclear Command and Control (NC2) networks, and all future satellite control systems and mission data downlinks. Current programs will replace/upgrade over 31,000 devices out of the Air Force's 240,000+ crypto devices. Other potential programs are undergoing development under the auspices of this line of this PE in order to meet emerging COMSEC requirements for space and unmanned systems, as well as various enterprise-wide technological upgrades mandated under the National Security Agency Policy #3-9. FY15 Funding for this effort is in PE 0303140F.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)		P-1 Line Item Number / Title: 831010 / Comsec Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
a. KG-3X DEVICES: Modernization of KG-30 Clock Start KG-3X family (stand-alone and embedded devices) deployed in NC2 systems (E-4B, E-6B, B-52H aircraft and Navy shore sites). It is a form, fit, function replacement of legacy equipment with added crypto modernized capabilities and new algorithms. (1) KG-3X DEVICES: FY15 funding not requested (2) KG-3X INTERIM CONTRACT SUPPORT (ICS): FY15 funding not requested. b. IDENTIFICATION FRIEND OR FOE (IFF) MODE 5 CRYPTO MODERNIZATION: This program developed and is procuring devices to encrypt/decrypt IFF Mode 4 and Mode 5 interrogator and transponder operations. These devices, built to Air Traffic Control Radar Beacon System (ATCRBS), IFF, Mark XIIA, System (AIMS) 04-900 Cryptographic Interface Standard, are integrated into all airborne platforms and ground radar applications to provide critical, immediate tactical aircraft identification data to ground and airborne systems. Procurement of the two primary devices, KIV-77 and KIV-78 will conclude in FY17 for the KIV-78 and FY18 for KIV-77 (required to outfit most of the USAF fleet) and a remote form factor for certain C2 AF aircraft: (1) KIV-77 DEVICES: The FY15 funding procures KIV-77s. KIV-77 is a cryptographic device developed by the USAF to integrate into the APX-119 IFF host box used in the majority of USAF aircraft and ground surveillance/control systems. (2) KIV-78 DEVICES: The FY15 funding procures KIV-78s. KIV-78 is a cryptographic device developed by the USAF in conjunction with Navy IFF Mode 5 upgrades for USAF F-16s and U.S. Navy/U.S. Marine Corps F/A-18s. c. REMOTE REKEY (RRK) (CI-33): FY15 funds the Remote ReKey (RRK) program, which is an element of the USAF CM Program designed to replace and upgrade aging, unsustainable cryptologic capability to remotely and securely rekey continental US radar sites. (1) REMOTE REKEY (RRK) (CI-33) DEVICES: The RRK modernization program will include the current CI-13 capabilities, expand ability to store keying material and rekey other cryptographic devices, and add capability to key/rekey the new Identification Friend or Foe Mode 5 system. RRK uses existing Defense Information Systems Network (DISN) infrastructure communications to distribute key material produced via the Electronic Key Management System (EKMS) or the Key Management Infrastructure (KMI) capabilities, to manage the distribution network, and to configure/status remote End Cryptographic Units (ECUs). (2) REMOTE REKEY (RRK) (CI-33) DEVICES INTERIM CONTRACTOR SUPPORT (ICS): FY15 funds logistics support, which is for the initial period of operation for the RRK system; that includes material management, supply distribution, repair, and non-warranted depot maintenance functions for the RRK system. Also includes updates, as necessary, of the RRK delivered technical manuals, repair of non-warranted items, software management and maintenance. d. VINSON/ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM): The VINSON/ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) program is an element of the USAF CM Program designed to replace the legacy capability on VINSON/ANDVT secure voice communications on aircraft, ships, and ground fixed and mobile platforms including critical Nuclear Command and Control (NC2) and other Top Secret and Secret networks (Devices: KY-57/58, KY-99/100 and USC-43). The VACM Embedded Project upgrades the BBIO module as a permanent sustainment modification of the ARC-234. (1) VINSON/ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) COMPONENTS (ARC-234): The VACM Embedded Project was established to modernize cryptographic devices that are integrated within various Vinson/ANDVT radios. The Baseband Input/Output (BBIO) module performs COMSEC functions for the ARC-234. The Permanent Sustainment Modification of the ARC-234 will retain Embedded Communications Security (COMSEC) capability by upgrading the BBIO module with reprogrammable hardware and modern crypto algorithms. The upgraded BBIOs will be installed/modified into the ARC-234 radios beginning in FY15. (2) VINSON/ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) DEVICES LOW RATE INITIAL PRODUCTION (LRIP): The VINSON/ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) program is procuring LRIP units that are essential to production line validation. The production line will replace five crypto device types on national leadership networks including airborne, ground and mobile platforms. (3) VINSON/ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) INTERIM CONTRACTOR SUPPORT (ICS): Logistics support is required in FY15 for the initial period of operation for the VACM device. For the purposes of this contract, ICS includes materiel management, supply distribution, and repair functions for the VACM device, technical manuals revisions, software management and maintenance.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)		P-1 Line Item Number / Title: 831010 / Comsec Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
(4) VINSON/ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) DEVICES: The VINSON/ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) program is procuring units in FY15. The production line will replace five crypto device types on critical national leadership networks including airborne, ground and mobile platforms. e. PROGRAM MANAGEMENT ADMINISTRATION (PMA): Program management administration costs support management with engineering and technical expertise in support of development and procurement activities. 4. AIR FORCE ELECTRONIC KEY MANAGEMENT SYSTEM (AFEKMS): AFEKMS is a sustainment program that works in concert with the DoD EKMS Program to provide secure, flexible, and timely upgrades to cryptographic key generation, distribution, and management systems. AFEKMS sustains the current Electronic Key Management System and serves as the bridge to the full operational capability (FOC) of DoD KMI. The Air Force continues to purchase AF EKMS physical products required under the COMSEC Material Control System (CMCS). Funding for this effort is in program element 0303140F. a. TECHNICAL UPDATES: FY15 funding procures hardware and software products necessary to update the Tier 2 Net Key Servers, Tier 3 system data management devices (DMDs); and systems to maintain an audit trail for COMSEC materials. b. KOV-21 CARDS & REFRESH: FY15 funding procures KOV-21 cards, which are the crypto engine for the simple key loader. KOV-21 card's life expectancy is approximately 7-11 years depending on use. Capital Equipment Replacement began in FY10 and continues incrementally through the FYDP until the Air Force Last Mile Load Element is fielded. c. SIMPLE KEY LOADER (SKL) & REFRESH: FY15 funding procures AN/PYQ-10 (C) SKL units which are controlled cryptographic items that are mission essential to help the AF load Crypto key into various platforms. SKLs replace the obsolete AN/CYZ-10 and SKLs that were fielded in prior years (end-of-life due to KOV-21 card). Disruption of the SKL delivery schedule could degrade and/or disrupt secure communications in the battlefield. Capital Equipment Replacement continues incrementally across the FYDP until the Air Force Last Mile Load Element is fielded. 5. AIR FORCE KEY MANAGEMENT INFRASTRUCTURE (AF KMI): The AF's KMI implements the DoD's crypto key management infrastructure to provide secure, flexible, and timely upgrades to cryptographic key generation, distribution and management capabilities, and ensures the AF has a cryptographic modernized, net-centric, Global Information Grid compatible KMI. AF KMI procures products to replace equipment per National Security Agency (NSA) mandates and to field products that have been under previous year's development. Funding for this effort is in program element 0303140F. a. CLIENT WORKSTATIONS: FY15 funding procures client workstations (also known as Delivery Only Client (DOC) & Client Host Only (CHO) Workstations) that provide connectivity to KMI. b. MANAGEMENT CLIENT: FY15 funding procures management clients (MGCs) for Tier II COMSEC/KOA accounts, some controlling authorities, and the pipeline and sparing requirements. The MGC is a high assurance platform required by NSA to interact with and connect to the KMI via the Advanced Key Processor (AKP) and the INE. c. ADVANCED KEY PROCESSOR: FY15 funding procures advanced key processors (AKPs). The AKP provides the capability to unwrap black keys, benign keys, and can generate any symmetric key. The AKP uses a modular architecture, so that capabilities can be included or omitted as necessary, to match the needs of the mission. The AKP will provide capabilities similar to those in the existing key processor (KP) used in EKMS but in a modernized form. d. KOV-29 Cards and Refresh: FY15 funding provides KOV-29 cards (10 each) for every MGC, DOC and CHO. Each unit contains a crypto unique and PKI certified user permissions to enable KMI use. e. AF KMI PICA ACTIVITIES: FY15 funding is for initial PICA support of fielded assets. This includes maintaining, repairing, shipping and accountability of fielded assets. 6. COMPUTER SECURITY ASSISTANCE PROGRAM (CSAP) COUNTERMEASURES: FY15 funding procures hardware/software necessary for vulnerability analysis, vulnerability identification, countermeasure development, and testing in an environment simulating the real-world operational environment. From combat operations to social media use, network bandwidth requirements continue to explode at unprecedented rates. This ever-increasing throughput adds unparalleled threats targeting AF cyber network systems. To keep pace with the threat, innovative solutions continuously require new versions of these capabilities. These capabilities provide daily support to multiple efforts including US Cyber Command and other Combatant Commanders; 24th Air Force: 624 Operations Center; 67th Network Warfare Wing: 33 Network Warfare Squadron (NWS) (AFCERT) and 26 Network Operations Squadron (NOS); Air Force Network Integration Center, Defense Information Systems Agency, Air Force Office of		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)		P-1 Line Item Number / Title: 831010 / Comsec Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Special Investigations, and other organizations and are integral to the successful performance of the 318 IOG mission. Continuous system revisions are required to remain current with technology. Without the CSAP system, the security of AF networks may be compromised due to inadequate facilities needed to innovate, to develop and test new intrusion detection signatures and investigate new technologies and architectures being integrated into AF networks. Prior to FY14 this effort was funded in 0303140F. Footnotes: (1) sustainment elements (i.e., test sets, training, etc.) (2) Funding for this effort is in PE 0208088F. Prior to FY14 was funded in PE 0303140F.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 1							P-1 Line Item Number / Title: 831010 / Comsec Equipment								Aggregated Items Title: Comsec Equipment					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																				
Intrusion Vulnerability Assessment	A		-	-	-	-	-	-	1,536K	1	1.536	-	-	-	-	-	-	-	-	-
Computer Security Assistance Program (CSAP) Countermeasures	A		-	-	-	-	-	-	445,400.00	5	2.227	576,400.00	5	2.882	-	-	-	576,400.00	5	2.882
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	3.763	-	-	2.882	-	-	-	-	-	2.882
Total			-	-	-	-	-	-	-	-	3.763	-	-	2.882	-	-	-	-	-	2.882

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
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Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																				
a. SECURE INTERNET PROTOCOL ROUTED NETWORK (SIPRNET) PKI	A		-	-	-	23.50	155,533	3.655	-	-	-	-	-	-	-	-	-	-	-	-
b. Evolutionary PKI End User Equipment	A		-	-	-	-	-	-	50.00	30,000	1.500	49.56	75,380	3.736	-	-	-	49.56	75,380	3.736
c. AIR FORCE DIRECTORY SERVICES	A		-	-	-	1,096K	1	1.096	1,118K	1	1.118	1,126K	1	1.126	-	-	-	1,126K	1	1.126
Subtotal: Uncategorized			-	-	-	-	-	4.751	-	-	2.618	-	-	4.862	-	-	-	-	-	4.862
Total			-	-	-	-	-	4.751	-	-	2.618	-	-	4.862	-	-	-	-	-	4.862

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 1						P-1 Line Item Number / Title: 831010 / Comsec Equipment									Aggregated Items Title: Comsec Equipment					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Subtotal Recurring Hardware: 1. SPACE COMSEC (PE 0303140F)																				
a. PRODUCTS	A		-	-	-	21,521.49	1,885	40.568	16,655.53	778	12.958	15,027.22	698	10.489	-	-	-	15,027.22	698	10.489
b. LOGISTICS ⁽¹⁾	A		-	-	-	784,666.67	9	7.062	1,136K	6	6.819	879,500.00	2	1.759	-	-	-	879,500.00	2	1.759
Subtotal: Subtotal Recurring Hardware: 1. SPACE COMSEC (PE 0303140F)			-	-	-	-	-	47.630	-	-	19.777	-	-	12.248	-	-	-	-	-	12.248
Subtotal Recurring Hardware: 2. AIR & GROUND COMSEC (PE 0303140F)																				
a. SECURE TELEPHONES	A		-	-	-	2,570.06	1,256	3.228	1,566.47	700	1.097	1,842.54	724	1.334	-	-	-	1,842.54	724	1.334
b. COMSEC ACQUISITION REFORM (CAR)	A		-	-	-	14,781.25	32	0.473	5,252.65	100	0.525	10,250.00	100	1.025	-	-	-	10,250.00	100	1.025
c. PECULIAR SUPPORT EQUIPMENT	A		-	-	-	4,930.56	72	0.355	5,169.92	72	0.372	5,166.67	72	0.372	-	-	-	5,166.67	72	0.372
d. SECURE COMMUNICATIONS VOICE/DATA	A		-	-	-	-	-	-	5,187.25	102	0.529	14,694.44	36	0.529	-	-	-	14,694.44	36	0.529
e. IN-LINE NETWORK ENCRYPTORS	A		-	-	-	15,017.70	678	10.182	14,474.77	792	11.464	14,767.81	758	11.194	-	-	-	14,767.81	758	11.194
f. EMBEDDED ENCRYPTION DEVICES	A		-	-	-	-	-	-	358.44	539	0.193	460.11	539	0.248	-	-	-	460.11	539	0.248
g. TELEMETRY ENCRYPTION/ DECRYPTION DEVICES	A		-	-	-	-	-	-	16,463.09	23	0.379	16,478.26	23	0.379	-	-	-	16,478.26	23	0.379
h. LINK ENCRYPTION FAMILY	A		-	-	-	-	-	-	-	-	-	8,909.75	687	6.121	-	-	-	8,909.75	687	6.121
Subtotal: Subtotal Recurring Hardware: 2. AIR & GROUND COMSEC (PE 0303140F)			-	-	-	-	-	14.238	-	-	14.559	-	-	21.202	-	-	-	-	-	21.202
Subtotal Recurring Hardware: 3. CRYPTOGRAPHIC MODERNIZATION (PE 0303140F)																				
a. (1) KG-3X DEVICES	A		-	-	-	113,666.67	3	0.341	-	-	-	-	-	-	-	-	-	-	-	-
a. (2) KG-3X INTERIM CONTRACTOR SUPPORT (ICS) - LABOR	A		-	-	-	-	-	0.326	-	-	-	-	-	-	-	-	-	-	-	-
b. (1) KIV-77	A		-	-	-	5,401.43	279	1.507	6,770.57	1,495	10.122	31,149.51	408	12.709	-	-	-	31,149.51	408	12.709
b. (2) KIV-78	A		-	-	-	30,198.02	101	3.050	-	-	-	42,283.95	81	3.425	-	-	-	42,283.95	81	3.425

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Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 1						P-1 Line Item Number / Title: 831010 / Comsec Equipment									Aggregated Items Title: Comsec Equipment					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
c. (1) REMOTE REKEY (RRK) (CI-33) DEVICES	A		-	-	-	877,857.14	7	6.145	261,166.67	30	7.835	467,200.00	5	2.336	-	-	-	467,200.00	5	2.336
c. (2) REMOTE REKEY (RRK) (CI-33) INTERIM CONTRACTOR SUPPORT (ICS-LABOR)	A		-	-	-	-	-	0.969	-	-	-	-	-	-	-	-	-	-	-	-
d. (1) VINSON/ ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) COMPONENTS (ARC-234)	A		-	-	-	-	-	-	-	-	-	7,441.18	102	0.759	-	-	-	7,441.18	102	0.759
d. (2) VINSON/ ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) DEVICES LOW RATE INITIAL PRODUCTI...	A		-	-	-	35,947.78	383	13.768	-	-	-	-	-	-	-	-	-	-	-	-
d. (3) VINSON/ ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) INTERIM CONTRACTOR SUPPORT (ICS)	A		-	-	-	-	-	0.889	-	-	-	-	-	0.522	-	-	-	-	-	0.522
d. (4) VINSON/ ANDVT CRYPTOGRAPHIC MODERNIZATION (VACM) DEVICES	A		-	-	-	7,850.31	3,180	24.964	5,633.65	3,180	17.915	8,231.45	3,180	26.176	-	-	-	8,231.45	3,180	26.176
e. PROGRAM MANAGEMENT (PMA)	A		-	-	-	-	-	1.423	-	-	3.066	-	-	2.382	-	-	-	-	-	2.382
Subtotal: Subtotal Recurring Hardware: 3. CRYPTOGRAPHIC MODERNIZATION (PE 0303140F)			-	-	-	-	-	53.382	-	-	38.938	-	-	48.309	-	-	-	-	-	48.309
Subtotal Recurring Hardware: 4. AFEKMS (PE 0303140F)																				
a. TECHNICAL UPDATES	A		-	-	-	-	-	-	662.72	1,945	1.289	1,990.38	624	1.242	-	-	-	1,990.38	624	1.242
b. KOV-21 CARDS & REFRESH	A		-	-	-	121.18	1,700	0.206	67.65	1,700	0.115	141.18	1,700	0.240	-	-	-	141.18	1,700	0.240

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Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 1								P-1 Line Item Number / Title: 831010 / Comsec Equipment								Aggregated Items Title: Comsec Equipment			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
c. SIMPLE KEY LOADER (SKL) & REFRESH	A		-	-	-	25.33	3,000	0.076	244.40	2,500	0.611	259.65	2,850	0.740	-	-	-	259.65	2,850	0.740
<i>Subtotal: Subtotal Recurring Hardware: 4. AFEKMS (PE 0303140F)</i>			-	-	-	-	-	0.282	-	-	2.015	-	-	2.222	-	-	-	-	-	2.222
Subtotal Recurring Hardware: 5. AFKMI (PE 0303140F)																				
a. CLIENT WORKSTATIONS	A		-	-	-	1,256.48	275	0.346	1,990.74	712	1.417	2,091.84	882	1.845	-	-	-	2,091.84	882	1.845
b. MANAGEMENT CLIENT (MGC)	A		-	-	-	16,886.50	25	0.422	33,802.56	142	4.800	33,318.18	132	4.398	-	-	-	33,318.18	132	4.398
c. KEY PROCESSOR (AKP)	A		-	-	-	19,005.55	55	1.045	60,433.73	66	3.989	53,903.61	83	4.474	-	-	-	53,903.61	83	4.474
d. KOV-29 LOAD ELEMENTS	A		-	-	-	-	-	-	-	-	-	787.33	1,500	1.181	-	-	-	787.33	1,500	1.181
e. AFKMI PICA ACTIVITIES	A		-	-	-	-	-	3.150	-	-	0.819	-	-	2.559	-	-	-	-	-	2.559
<i>Subtotal: Subtotal Recurring Hardware: 5. AFKMI (PE 0303140F)</i>			-	-	-	-	-	4.963	-	-	11.025	-	-	14.457	-	-	-	-	-	14.457
Subtotal Recurring Hardware: 6. AF DEFENSIVE CYBERSPACE OPERATIONS (PE 0208088)																				
a. COMPUTER SECURITY ASSISTANCE (CSAP) COUNTERMEASURES (2)	A		-	-	-	438,600.00	5	2.193	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal Recurring Hardware: 6. AF DEFENSIVE CYBERSPACE OPERATIONS (PE 0208088)</i>			-	-	-	-	-	2.193	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	122.688	-	-	86.314	-	-	98.438	-	-	-	-	-	98.438

Footnotes:

- (1) sustainment elements (i.e., test sets, training, etc.)
- (2) Funding for this effort is in PE 0208088F. Prior to FY14 was funded in PE 0303140F.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)							P-1 Line Item Number / Title: 831970 / Modifications (COMSEC)						
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.950	0.726	1.363	-	1.363	1.263	1.075	1.094	1.114	-	7.585	
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (<i>\$ in Millions</i>)	-	0.950	0.726	1.363	-	1.363	1.263	1.075	1.094	1.114	-	7.585	
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.950	0.726	1.363	-	1.363	1.263	1.075	1.094	1.114	-	7.585	
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
# The FY 2015 OCO Request will be submitted at a later date. Description: PE 0303140F: INFORMATION SYSTEMS SECURITY PROGRAM (MODIFICATION) The Communications Security (COMSEC) modification activity ensures the integration, installation, and sustainment of cryptographic equipment. This activity is a critical component in providing robust, secure global communications, enabling information superiority. It provides the warfighter with the security needed to protect the flow and exchange of operational decision-making information through the retrofit and modification of selected COMSEC equipment. These modification efforts ensure legacy equipment can meet current COMSEC operational environment requirements.													

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)
Item - 1. SPACE COMSEC	P-40a	A	-	-	-	-	-	0.950	-	-	0.726	-	-	1.363	-	-	-	-	-	1.363
Total Gross/Weapon System Cost			-	-	-	-	-	0.950	-	-	0.726	-	-	1.363	-	-	-	-	-	1.363

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification: FY15 funding provides replacement of critical components to maintain mission data life cycle requirements. As the obsolescence of parts occurs in the sustainment of the products, modifications must be implemented to keep the products operational for satellite programs. Funding for this effort is in PE 0303140F.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 1: Comm Security Equipment(Comsec)		P-1 Line Item Number / Title: 831970 / Modifications (COMSEC)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 1								P-1 Line Item Number / Title: 831970 / Modifications (COMSEC)							Aggregated Items Title: Modifications (COMSEC)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																				
1. SPACE COMSEC	A		-	-	-	-	-	0.950	-	-	0.726	-	-	1.363	-	-	-	-	-	1.363
Subtotal: Uncategorized			-	-	-	-	-	0.950	-	-	0.726	-	-	1.363	-	-	-	-	-	1.363
Total			-	-	-	-	-	0.950	-	-	0.726	-	-	1.363	-	-	-	-	-	1.363

Remarks:
Modification funds are used to update both cryptographic product end items and logistics lifecycle support elements.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014										
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs							P-1 Line Item Number / Title: 832060 / Intelligence Training Equipment													
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:												
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	2.615	2.789	2.832	-	2.832	5.241	5.293	5.460	5.566	-	29.796								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	-	2.615	2.789	2.832	-	2.832	5.241	5.293	5.460	5.566	-	29.796								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	-	2.615	2.789	2.832	-	2.832	5.241	5.293	5.460	5.566	-	29.796								
<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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
# The FY 2015 OCO Request will be submitted at a later date. Description: The Intelligence Training Equipment P-1 line procures equipment for use in initial and advanced training in the General Intelligence and Cryptologic and Signals Intelligence related career fields. The equipment supports training for intelligence officers, geospatial analysts, targeteers, operations analysts, linguists, network analysts, and all communications(except communications security) and electronic intelligence analysts. The systems support intelligence, surveillance, and reconnaissance applications, and the major focus of this program is to support functional training on the newest generation of intelligence systems with an emphasis on computer-based training systems through modeling and simulation. This equipment is essential for preparing military intelligence personnel to support warfighting commanders. The equipment supports intelligence training for AF personnel and members of all DoD services at Goodfellow AFB, TX. PE 0804733F GENERAL INTELLIGENCE SKILL TRAINING GOODFELLOW INTELLIGENCE TRAINING ARCHITECTURE (GITA) UPGRADE: The GITA upgrade encompasses consolidation of the unclassified and classified training networks at Goodfellow AFB. The increased student throughput for Language and Intelligence Analysts required this upgrade and increase of servers/data storage.																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - GITA UPGRADE ⁽¹⁾	P-40a	A	-	-	-	-	-	2.615	-	-	2.789	-	-	2.832	-	-	-	-	-	2.832
Total Gross/Weapon System Cost			-	-	-	-	-	2.615	-	-	2.789	-	-	2.832	-	-	-	-	-	2.832
*For Items, Title represents the Item Number / Title [DODIC].																				

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs		P-1 Line Item Number / Title: 832060 / Intelligence Training Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: PE 0804733F GENERAL INTELLIGENCE SKILL TRAINING GOODFELLOW INTELLIGENCE TRAINING ARCHITECTURE (GITA) UPGRADE: FY15 funding procure specific infrastructure upgrades for the replacement of servers and increased storage capacity for required intelligence training systems that support initial and advanced intelligence training courses. FY15 funds also support the development of the enterprise architecture, which consolidates multiple networks and systems into an integrated GITA. FY15 funds will procure additional hardware for modernizing interactive courseware development labs, workstations supporting scenario-based exercise training, and servers and network equipment needed to support software used in the field and combatant commands. Footnotes: (1) Effort is a single project that consists of multiple low quantity purchases. Aggregate cost of entire project is less than \$5 million.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2						P-1 Line Item Number / Title: 832060 / Intelligence Training Equipment						Aggregated Items Title: Intelligence Training Equipment								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
GITA UPGRADE ⁽¹⁾	A		-	-	-	-	-	2.615	-	-	2.789	-	-	2.832	-	-	-	-	-	2.832
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	2.615	-	-	2.789	-	-	2.832	-	-	-	-	-	2.832
Total			-	-	-	-	-	2.615	-	-	2.789	-	-	2.832	-	-	-	-	-	2.832
Remarks: (1) Effort is a single project that consists of multiple low quantity purchases. Aggregate cost of entire project is less than \$5 million. Footnotes: (1) Effort is a single project that consists of multiple low quantity purchases. Aggregate cost of entire project is less than \$5 million.																				

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs							P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items: 0305179F					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	32.819	31.875	32.329	-	32.329	27.422	29.949	29.618	30.072	-	214.084
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	32.819	31.875	32.329	-	32.329	27.422	29.949	29.618	30.072	-	214.084
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	32.819	31.875	32.329	-	32.329	27.422	29.949	29.618	30.072	-	214.084
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: PE 0207431F COMBAT AIR INTELLIGENCE SYSTEMS ACTIVITIES												
GEOSPATIAL PRODUCT LIBRARY (GPL): GPL provides all AF units access to digital GEOINT and targeting data products in support of targeting, intelligence and mission planning processes, including support to units deploying to South West Asia and North Africa. It provides the sole resource to store and immediately retrieve large digital files and mission essential GEOINT data required to conduct AF mission sets. This storage includes tape drives to ensure data survivability and rapid back-up/restoration 20 times faster than network technology, freeing units critical time to support mission tasks.												
UNIT LEVEL INTELLIGENCE (ULI) SYSTEMS: ULI combines and fields the capabilities of Personal Computer- Integrated Imagery and Intelligence (PC-I3), Targeting Application Workstation (TAW), and Weapon System Video (WSV), all previously fielded as unique systems. ULI simplifies unit deployment requirements with all-in-one standard system.												
INFORMATION STORAGE (iSToRE): iSToRE replaces NGA's legacy Image Product Library (IPL), which NGA ceases funding upon iSToRE release. It provides state-of-the-art technology to rapidly access, store and disseminate intelligence to/from United States Imagery and Geospatial System (USIGS) library system, giving imagery analysts, cartographers, intelligence and operations personnel direct access to imagery products and associated data to support their respective mission needs.												
GLOBAL COMMAND AND CONTROL SYSTEM -INTEGRATED IMAGERY AND INTELLIGENCE (GCCS-I3): GCCS-I3 provides the central targeting data infrastructure for the AFTC's distributed operations in support of worldwide targeting requirements from air component commanders and their subordinate units. It fields the capability to store/expose virtual electronic target folders through Joint Targeting Toolbox (JTT), order of battle data through Analyst Workshop (AWS) and access to tailored data sets to users via widget technology supported through the Ozone Widget Framework (OWF). It provides the Joint Force Air Component Commander (JFACC) and his Air Operations Center (AOC) staff machine to machine access to targeting and intelligence data support the planning, tasking, execution and assessment of air operations. It provides unit operation access to authoritative data in support of mission planning and tactical operations, to include locally collected tactical imagery, live video streams, and other intelligence with national and theater-produced intelligence.												
Intelligence Automated Data Processing Equipment: Provides capital equipment replacement program funds for USAFE data processing systems and communications network. Provides unit operation access to authoritative data in support of mission planning and tactical operations, to include locally collected tactical imagery, live video streams, and other intelligence with national and theater-produced intelligence.												
PE 0305146F DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs		P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0305179F	Other Related Program Elements:
DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM: Supports both technical surveillance and technical surveillance countermeasures (TSCM) to counterintelligence operations conducted by the Air Force Office of Special Investigations for AF and DoD entities to detect and deter covert activities conducted by Foreign Intelligence Services seeking to compromise classified or sensitive information. The technical equipment required for these investigations is unique and complex.		
PE 0305179F INTEGRATED BROADCAST SERVICE		
INTEGRATED BROADCAST SERVICE (IBS): The IBS is a multi-sensor, multisource system of systems for the dissemination of integrated threat warning and blue force tracking information. IBS provides intelligence producers and information sources the means to analyze and disseminate strategic, operational, and tactical intelligence and warning information directly to the warfighter. The IBS operational baseline represents the migration, integration, and consolidation of existing tactical data dissemination into a future common architecture message format.		
PE 0305192F MILITARY INTEL PRG - (MIP) ACT		
Air Force Disaster Recovery Program (AF DRP): Provides data recovery capabilities for mission critical intelligence information across the Service. AF DRP is working with the four Joint Worldwide Intelligence Systems (JWICS) Enterprise Service Centers (ESCs) to integrate Disaster Recovery capabilities for core services such as email, file, and print servers. After recovery solutions have been provided for these services, AF DRP will seek to secure critical mission data and applications. The AF DRP backup and recovery at the ESCs will provide support ranging from the AF Intelligence Center's strategic national intelligence role down to operational mission units. This is MIP funding.		
PE 0305221F Network Centric Collaborative Targeting (NCCT)		
Network Centric Collaborative Targeting (NCCT): The Air Force program of record responsible for developing core technologies and sub-nodal analysis tools to horizontally and/or vertically integrate network collaborative Intelligence, Surveillance and Reconnaissance (ISR) sensor systems within and across intelligence disciplines. Operational uses of core technologies would include, but are not be limited to, Signals Intelligence to Signals Intelligence (SIGINT-SIGINT) correlation and Ground Moving Target Indicator to Signals Intelligence (GMTI-SIGINT) correlation. Operational uses of sub-nodal analysis tools would include, but are not be limited to, determining which nodes of the adversary's Command, Control, Communications, Computers, Intelligence (C4I) network to engage or protect to achieve desired effects, and modeling execution plans to determine the need to disrupt or monitor the required network aim-points in order to redirect activities based on changing battlefield conditions. NCCT software applications employ Machine-to-Machine (M2M) interfaces and Internet Protocol (IP) connectivity to coordinate sensor cross-cues and collection activities. NCCT correlation and fusion services ingest collection data to produce a single, composite track (geo-location and identification) for high-value targets. NCCT research and development funding supports evolutionary development of the NCCT message set and network management systems (Operations Interfaces, Network Controller, Fusion Engines, Data Guard, Interface to Command & Control, and Interface to Overhead Intelligence Operations), the migration of the NCCT technologies to emerging network centric technologies (Service Oriented Architectures (SOA) and web services), and satisfying DoD standards and Information Assurance requirements.		
PE 0305942F (Space Situational Awareness Operations - MIP)		
DISTRIBUTED SPACE COMMAND AND CONTROL - DAHLGREN (DSC2-D): The DSC2-D, located in Dahlgren, VA, is the alternate Command and Control facility to the Joint Space Operations Center (JSpOC) Space Situational Awareness Cell at Vandenberg AFB, CA. As the operational backup, it provides support to the Air Force Space Command mission responsibilities for cataloging and maintenance of satellite payloads and debris, New Foreign Launch orbit determination, and collision avoidance. Additionally, the DSC2-D is the sole provider for unique Navy SSA data products for Fleet and ashore support and also provides SSA data products to other National users.		
COBRA DANE RADAR: The Cobra Dane Radar improves midcourse Ballistic Missile Defense System (BMDS) sensor coverage to provide tracking of threat ballistic missiles to commit the launch of interceptors and to update the target tracks while the interceptor is in flight.		
PE 0503115F TACTICAL CRYPTOLOGIC UNITS (ANG)		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014										
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs							P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment													
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items: 0305179F					Other Related Program Elements:											
AIR NATIONAL GUARD CRYPTOLOGIC SUPPORT SITE EQUIPMENT: In order to conduct Digital Network Intelligence (DNI) operations, connectivity must be established to AirNet, SIPRNet, JWICS, NSANet, and non-attributable unclassified networks. As a stand-alone mission, bandwidth required is at least 6 MB each for SIPR, NIPR, and non-attributable unclassified networks and 9 MB each for NSANet and JWICS. Funding will provide hardware and software needed to enable a 200+ man intelligence group to perform cyber mission tasking across multiple domains. This effort will enhance the Air Force's ability to provide intelligence, surveillance, and reconnaissance (ISR) support to cyber operations.																				
Secondary Distribution			FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019									
AFNG	Quantity		-	-	-	-	-	-	-	-	-									
	Total Obligation Authority		6.988	-	-	-	-	-	-	-	-									
Total: Secondary Distribution	Quantity		-	-	-	-	-	-	-	-	-									
	Total Obligation Authority		6.988	-	-	-	-	-	-	-	-									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - CAIS	P-40a	A	-	-	-	-	-	3.955	-	-	4.020	-	-	5.110	-	-	-	-	-	5.110
Item - DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM	P-40a	A						0.753	-	-	0.756	-	-	0.618	-	-	-	-	-	0.618
Item - IBS-NS	P-40a	A	-	-	-	-	-	-	-	-	4.000	-	-	3.867	-	-	-	-	-	3.867
Item - 1 / Mod 1	P-40a		-	-	-	-	-	4.211	-	-	2.616	-	-	2.642	-	-	-	-	-	2.642
Item - 2 / Mod 2	P-40a		-	-	-	-	-	3.050	-	-	3.108	-	-	3.167	-	-	-	-	-	3.167
Item - 3 / Mod 3	P-40a		-	-	-	-	-	1.250	-	-	1.274	-	-	1.298	-	-	-	-	-	1.298
Item - 4 / Mod 4	P-40a		-	-	-	-	-	2.519	-	-	2.063	-	-	2.102	-	-	-	-	-	2.102
Item - 5 / Mod 5	P-40a		-	-	-	-	-	2.040	-	-	1.060	-	-	1.873	-	-	-	-	-	1.873
Item - Air Force Disaster Recovery Program (AF DRP)	P-40a	A	-	-	-	-	-	3.406	-	-	3.607	-	-	3.921	-	-	-	-	-	3.921
Item - Network Centric Collaborative Targeting	P-40a	A	-	-	-	-	-	-	-	-	2.900	-	-	2.974	-	-	-	-	-	2.974
Item - DSC2-D	P-40a	A	-	-	-	4.647	1	4.647	4.722	1	4.722	4.757	1	4.757	-	-	-	4.757	1	4.757
Item - COBRA DANE RADAR	P-40a	A	-	-	-	-	-	-	1.749	1	1.749	-	-	-	-	-	-	-	-	-
Item - AIR NATIONAL GUARD CRYPTOLOGIC SUPPORT SITE EQUIPMENT	P-40a	A						6.988	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs												P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items: 0305179F						Other Related Program Elements:									
Exhibits Schedule				Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)	
Total Gross/Weapon System Cost			-	-	-	-	-	32.819	-	-	31.875	-	-	32.329	-	-	-	-	-	32.329	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0207431F COMBAT AIR INTELLIGENCE SYSTEMS ACTIVITIES GEOSPATIAL PRODUCT LIBRARY (GPL): FY15 funding provides for the capital equipment replacement of GPL servers, drives, and associated equipment to ensure current, dependable data repository for intelligence threat assessment and combat mission planning support at over 260 units worldwide UNIT LEVEL INTELLIGENCE (ULI) SYSTEMS: FY15 funding provides for the capital equipment replacement of ULI systems providing crucial capabilities to the Warfighter to include Intelligence Preparation of the Operational Environment (IPOE), data gathering and compilation, support to mission execution, intelligence reporting, targeting, weapon systems video processing, and post-mission assessment support at over 327 units worldwide INFORMATION STORAGE (iStoRE): FY15 funding provides for the capital equipment replacement of iStoRE systems to provide imagery analysts, cartographers, intelligence and operations personnel direct access to imagery products and associated data to support their respective mission needs at wing and below units, to include the Air Force Targeting Center. GLOBAL COMMAND AND CONTROL SYSTEM -INTEGRATED IMAGERY AND INTELLIGENCE (GCCS-I3): FY15 funding provides for the capital equipment replacement of GCCS-I3 servers and associated equipment to provide a centralized targeting data infrastructure throughout the Air Force Targeting Enterprise (AFTE). Intelligence Automated Data Processing Equipment (Intel ADPE): Funds will be used to procure servers, storage devices, associated hardware upgrades, and installation costs. PE 0305146F DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM: FY15 funding procures the periodic refresh of equipment to provide state of the art capabilities to detect and neutralize criminal activities targeted against sensitive and classified AF and DoD information and activities. PE 0305179F INTEGRATED BROADCAST SERVICE IBS procurement efforts are focused in these following areas: (1). CIB UPLINK SITE (CUS) TACTICAL INFORMATION PROCESSOR AND ONLINE FUSION FACILITY (TIPOFF): TIPOFF serves as the control system for the CIB Uplink Site and interface to the IBS Network Services (IBS-NS). Each major release of the software incorporates approved requirements as necessitated by mission changes, system interoperability, and system security. The new release supports migration to Common Interactive Broadcast Uplink Sites. (2) COMMON INTERACTIVE BROADCAST PLANNING TOOL (CIB-PT): The CIB-PT provides the COCOM Planners an integrated software/hardware mechanism to allocate space-based communications resources to theater and national producers, specifically to reliably optimize the timeliness of scarce bandwidth allocation of extremely time-critical messages. Each major release of the software/hardware incorporates updated producer prioritization, bandwidth allocation, mission monitoring and interfaces to the STRATCOM systems as necessitated by mission changes, system interoperability, and system security compliance to achieve threshold requirements.																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs		P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0305179F	Other Related Program Elements:
(3). COMMON MESSAGE FORMAT PARSER LIBRARY (CMFPL): The CMF repository is required for the automatic exchange of data among processing, exploitation, and dissemination (PED) systems. This effort procures the infrastructure for dynamic software library updates for multiple operating systems essential to broadcast operation. (4). IBS V&V Environment: Procures simulation and stimulation tools to certify and verify mission equipment for operational use. Included is the MULTI-AREA REMOTE SIMULATOR (MARS) a component of the IBS verification and validation process used to emulate multiple systems messaging under operational conditions and the UNIVERSAL CIB TEST SET (UCTS) a component that emulates the UHF SATCOM environment. (5). TERMINAL, DATALINK & ENTERPRISE MITIGATION: Funds direct mission support activities such as verification & validation documentation; uplink and receive and transmit terminal upgrade, enhancements and spares; mitigation; CMF product support; Joint Tactical Data Link (JTDL/IBS) support; net-centric support; product documentation; studies and analyses; IBS Web Support and contractor systems engineering activities. (6). IBS-NS: Scaling capability is required for messaging under operational use. Funds approved modernization of Global IBS Servers (GINS), and Theater Interface Nodes (TINS), technology refreshment and integration as necessitated by mission changes, system interoperability, and system security. PE 0305192F MILITARY INTEL PRG - (MIP) ACT Air Force Disaster Recovery Program (AF DRP): FY15 funding will enable completion of disaster recovery capabilities for core services at the four ESCs by providing information recovery technology for Top Secret/Sensitive Compartmented Information level networks. Funds will be used to procure servers, storage devices, associated hardware upgrades, and installation costs. PE 0305221F Network Centric Collaborative Targeting (NCCT) Network Centric Collaborative Targeting (NCCT): FY15 funding is for NCCT hardware refresh at ground stations in support of a new software baseline roll out and user requested upgrades. PE 0305942F Space Situational Awareness Operations - MIP 1. DSC2-D: FY15 funding will perform capital equipment replacement of obsolete, unsupported computational and system processors, work stations and COTS software to ensure the continued Command and Control back-up capability of the JSpOC along with the Navy and National Customer SSA Data Products. 2. COBRA DANE RADAR: No FY15 funds are requested. PE 0503115F TACTICAL CRYPTOLOGIC UNITS (ANG) AIR NATIONAL GUARD CRYPTOLOGIC SUPPORT SITE EQUIPMENT: No FY15 funding requested.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2	P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment	Aggregated Items Title: Intelligence Comm Equipment

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
CAIS	A		-	-	-	-	-	3.955	-	-	4.020	-	-	5.110	-	-	-	-	-	5.110
Subtotal: Uncategorized			-	-	-	-	-	3.955	-	-	4.020	-	-	5.110	-	-	-	-	-	5.110
Total			-	-	-	-	-	3.955	-	-	4.020	-	-	5.110	-	-	-	-	-	5.110

Remarks:

FY15 marks first request to breakout CAIS procurement to the subactivity level. Activities have been procured with 3080 funds in previous years. IStore replaces NGA's Integrated Product Library and is a new start for this OPAF due to NGA's decision to cease provision of equipment to the Services.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2									P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment							Aggregated Items Title: Intelligence Comm Equipment					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
DEFENSE JOINT COUNTERINTELLIGENCE PROGRAM	A		-	-	-	-	-	0.753	-	-	0.756	-	-	0.618	-	-	-	-	-	0.618	
Subtotal: Uncategorized			-	-	-	-	-	0.753	-	-	0.756	-	-	0.618	-	-	-	-	-	0.618	
Total			-	-	-	-	-	0.753	-	-	0.756	-	-	0.618	-	-	-	-	-	0.618	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2	P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment	Aggregated Items Title: Intelligence Comm Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
IBS-NS	A		-	-	-	-	-	-	-	-	4.000	-	-	3.867	-	-	-	-	-	3.867
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	4.000	-	-	3.867	-	-	-	-	-	3.867
Total			-	-	-	-	-	-	-	-	4.000	-	-	3.867	-	-	-	-	-	3.867

Remarks:

(6). IBS-NS: Scaling capability is required for messaging under operational use. Funds approved modernization of Global IBS Servers (GINS), and Theater Interface Nodes (TINS), technology refreshment and integration as necessitated by mission changes, system interoperability, and system security.

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2								P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment								Aggregated Modification Items Title: Intelligence Comm Equip			

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1 / Mod 1			-	-	-	-	-	4.211	-	-	2.616	-	-	2.642	-	-	-	-	-	2.642
2 / Mod 2			-	-	-	-	-	3.050	-	-	3.108	-	-	3.167	-	-	-	-	-	3.167
3 / Mod 3			-	-	-	-	-	1.250	-	-	1.274	-	-	1.298	-	-	-	-	-	1.298
4 / Mod 4			-	-	-	-	-	2.519	-	-	2.063	-	-	2.102	-	-	-	-	-	2.102
5 / Mod 5			-	-	-	-	-	2.040	-	-	1.060	-	-	1.873	-	-	-	-	-	1.873
Total			-	-	0.000	-	-	13.070	-	-	10.121	-	-	11.082	-	-	-	-	-	11.082

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
1 / Mod 1	IBS	Reliability & Maintainability
2 / Mod 2	IBS	Reliability & Maintainability
3 / Mod 3	IBS	Reliability & Maintainability
4 / Mod 4	IBS	Reliability & Maintainability
5 / Mod 5	IBS	Reliability & Maintainability

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2							P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment							Aggregated Items Title: Intelligence Comm Equipment						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Air Force Disaster Recovery Program (AF DRP)	A		-	-	-	-	-	3.406	-	-	3.607	-	-	3.921	-	-	-	-	-	3.921
Subtotal: Uncategorized			-	-	-	-	-	3.406	-	-	3.607	-	-	3.921	-	-	-	-	-	3.921
Total			-	-	-	-	-	3.406	-	-	3.607	-	-	3.921	-	-	-	-	-	3.921

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2	P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment	Aggregated Items Title: Intelligence Comm Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Network Centric Collaborative Targeting	A		-	-	-	-	-	-	-	-	2.900	-	-	2.974	-	-	-	-	-	2.974
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	2.900	-	-	2.974	-	-	-	-	-	2.974
Total			-	-	-	-	-	-	-	-	2.900	-	-	2.974	-	-	-	-	-	2.974

Remarks:

PE 0305221F Network Centric Collaborative Targeting (NCCT)

This funding allows purchase of undefined quantities of commercially available hardware to facilitate ground station upgrades.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2						P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment									Aggregated Items Title: Intelligence Comm Equipment					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
DSC2-D	A		-	-	-	4.647	1	4.647	4.722	1	4.722	4.757	1	4.757	-	-	-	4.757	1	4.757
COBRA DANE RADAR	A		-	-	-	-	-	-	1.749	1	1.749	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	4.647	-	-	6.471	-	-	4.757	-	-	-	-	-	4.757
Total			-	-	-	-	-	4.647	-	-	6.471	-	-	4.757	-	-	-	-	-	4.757

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2									P-1 Line Item Number / Title: 832070 / Intelligence Comm Equipment							Aggregated Items Title: Intelligence Comm Equipment				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AIR NATIONAL GUARD CRYPTOLOGIC SUPPORT SITE EQUIPMENT	A		-	-	-	-	-	6.988	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AFNG				-	-		-	6.988		-	-		-	-		-	-		-	-
Subtotal: Uncategorized			-	-	-	-	-	6.988	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	6.988	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014										
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs							P-1 Line Item Number / Title: 832260 / Advance Tech Sensors													
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:												
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	0.740	0.452	-	-	-	-	-	-	-	-	1.192								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	-	0.740	0.452	-	-	-	-	-	-	-	-	1.192								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	-	0.740	0.452	-	-	-	-	-	-	-	-	1.192								
<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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
# The FY 2015 OCO Request will be submitted at a later date. Description: PE 0202834F: ADVANCED TECHNOLOGY SENSORS PORTAL MONITORS: Portal Monitors offer a method to notify appropriate personnel when nuclear material is moved outside its intended storage or maintenance area. Prior funding was requested to procure three sensors per year for six locations (Minot AFB, Whiteman AFB, F.E.Warren AFB, Malmstrom AFB, Kirtland AFB, and Nellis AFB). This supports and is a result of the Blue Ribbon Review requirement for radiation detection checks on any missile transported out of its Weapons Storage Area.																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - PORTAL MONITORS	P-40a	A	-	-	-	-	-	0.740	-	-	0.452	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			-	-	-	-	-	0.740	-	-	0.452	-	-	-	-	-	-	-	-	-
*For Items, Title represents the Item Number / Title [DODIC]. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: PE 0202834F: ADVANCED TECHNOLOGY SENSORS																				

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs		P-1 Line Item Number / Title: 832260 / Advance Tech Sensors
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
PORTAL MONITORS: No FY15 funds requested		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2						P-1 Line Item Number / Title: 832260 / Advance Tech Sensors						Aggregated Items Title: Advance Tech Sensors								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
PORTAL MONITORS	A		-	-	-	-	-	0.740	-	-	0.452	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	0.740	-	-	0.452	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	0.740	-	-	0.452	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs							P-1 Line Item Number / Title: 833170 / Mission Planning Systems					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
Line Item MDAP/MAIS Code: N35			Item MDAP/MAIS Code(s):									
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	14.722	11.915	15.649	-	15.649	18.844	18.639	18.401	19.220	-	117.390
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	14.722	11.915	15.649	-	15.649	18.844	18.639	18.401	19.220	-	117.390
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	14.722	11.915	15.649	-	15.649	18.844	18.639	18.401	19.220	-	117.390
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: The Mission Planning Systems (MPS) Hardware program procures commercial-off-the-shelf (COTS) computing systems hardware and hardware-related requirements for Air Force active duty, Guard, and Reserve units worldwide. These computing systems provide a flexible, configurable and cost-effective range of increasing capability to meet the continuum of peacetime, contingency and wartime planning requirements. These electronic systems provide a mission data management system that efficiently interfaces with other planning systems as well as aircraft avionics. These computing systems are procured on a four-year technical refreshment cycle to effectively address and/or alleviate Diminishing Manufacturing Sources (DMS) issues. Once procured the systems are centrally managed for all applicable AF platforms and their operational users. The program continues the procurement of COTS computing hardware and other devices associated with the Mission Planning Systems Increment IV, Major Automated Information System (MAIS) program. It also continues the procurement of all capital replacement hardware used in conjunction with MPS and other pre and post flight mission planning software. Together this hardware and associated software enables aircrews and other planners to plan the safest, most effective operational missions in a timely manner. The program procures COTS based Personal Computing (PC) Systems to include (but are not limited to) desktop computers, laptops, personal digital assistants (PDA), tablet PCs, color printers, storage devices, displays, other peripherals, software and software licenses, and other support services, that together, allow the user to produce the necessary charts and other mission-specific products required to effectively perform a variety of military missions. A variety of information technology, navigation and communications hardware and software packages will also be procured each year to meet the varied needs of mission planning platforms and training units. This PC-based capability, when integrated with corresponding mission planning software releases, provides a portable, tailorable, net-centric system for aircrews to complete the mission planning function. The procured items also enable aircrews to effectively utilize software that has been modified to stay in sync with new capabilities incorporated into select platforms via their Operational Flight Program (OFP) update process. They also provide a mission planning capability for precision/autonomous guided munitions and can also be networked with other Theater Battle Management (TBM) systems to further tailor a platform's mission planning environment. The MPS procurement strategy leverages the rapid increase in PC-based technology to enable high-end computing on increasingly smaller and more mission-oriented devices. The programs procure UNIX and PC-based systems that provide flexible, configurable, and cost effective solutions that increase tactical and strategic capabilities to meet the continuum of operations ranging from peacetime contingencies to												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs	P-1 Line Item Number / Title: 833170 / Mission Planning Systems

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

Line Item MDAP/MAIS Code: N35	Item MDAP/MAIS Code(s):

conventional and nuclear wartime mission planning requirements. Each segment of the program has shifted its hardware emphasis from a limited number of large, complex planning systems to more compact and personal planning devices that can be tailored to satisfy user needs. This adjustment is a practical and efficient way to meet technology-driven challenges such as the evolutionary nature of mission planning (that necessitates recurrent hardware changes to meet overall system requirements) and advances in COTS technology that makes available new capabilities (which may lower component costs or address component obsolescence). It is also a more effective way to address changes in the number, type, and deployment of aircraft/weapons that force changes in the number of UNIX and PC-based mission planning computers and their concept of operations.

1. MISSION PLANNING SYSTEMS (MPS) HARDWARE: This multi-faceted acquisition is a continuation of procurement efforts to provide MPS-related hardware for a multitude of Air Force platforms. The program will provide a suite of COTS-based mission planning hardware and software systems that can be integrated with USAF Command, Control, Communications, Computers, and Intelligence (C4I) systems for the operation of USAF aircraft (e.g. A-10, F-22, B-1B, F-16, F-15, RC/OC-135, E-3, E-4, E-8, RQ-4, C-130, HH-60, KC-135, KC-46, C-5, KC-10, C-17, U-2, B-52, B-2, MC-12, F-35, T-38) and the support of USAF training requirements. MPS allows aircrews to electronically receive tasking orders, intelligence information, target coordinates, imagery and other information. This information is then used to organize and prepare flight (including equipment and personnel airdrop) and weapons delivery planning data (e.g., maps, charts, imagery, flight logs, radar predications, and navigation databases) that is electronically transferred to aircraft and/or precision-guided weapons. MPS increases the combat effectiveness of Air Force aerial assets (including unmanned air vehicles, conventional and low-observable aircraft, and weapons) and Army guided delivery systems by supporting the use of sophisticated avionics and precision/autonomous guided munitions. It helps to increase wartime sortie rates while improving aircrew and aircraft survivability and aircrew readiness.

2. PRECISION AERIAL DELIVERY SYSTEM (PADS): PADS provides the capability for direct delivery of cargo and equipment through high altitude, precision airdrops. Currently it consists of the Joint Precision Airdrop System (JPADS) acquisition effort. JPADS is a collaborative effort with the Army, USMC, and other agencies to provide aviators the ability to accurately airdrop payloads (including supplies/equipment as well as personnel) to units in the field from altitudes beyond the reach of most surface-to-air weaponry. This portion of the program procures COTS-based computing hardware, support services and aerial delivery systems to enable completion of pre and in-flight mission planning functions as well as aerial delivery proficiency training in and with operational units.

Market surveys and analysis of COTS products will be used to support procurement decisions. Funding for this exhibit is in Program Element (PE) 0208006F.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - a. MPS Increment IV (Joint Mission Planning Computers) ACC PC Systems	P-40a	A	-	-	-	-	-	0.534	-	-	0.408	-	-	0.300	-	-	-	-	-	0.300
Item - b. MPS Hardware	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	6.549	-	-	-	-	-	6.549
Item - c. MPS Program Management Administration (Contractor Services)	P-40a	A	-	-	-	-	-	0.044	-	-	0.651	-	-	0.400	-	-	-	-	-	0.400
Item - d. Legacy Mission Planning Computers (LMPC) ACC PC Systems - Legacy)	P-40a	A	-	-	-	-	-	0.468	-	-	0.282	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force													Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs										P-1 Line Item Number / Title: 833170 / Mission Planning Systems											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Line Item MDAP/MAIS Code: N35			Item MDAP/MAIS Code(s):																		
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)	
Item - e. Legacy Mission Planning Computers (LMPC) AMC PC Systems - Legacy)	P-40a	A	-	-	-	-	-	2.997	-	-	2.252	-	-	-	-	-	-	-	-	-	
Item - f. AFGSC PC Systems - Legacy	P-40a	A	-	-	-	-	-	0.300	-	-	0.303	-	-	-	-	-	-	-	-	-	
Item - g. AETC PC Systems - Legacy	P-40a	A	-	-	-	-	-	0.317	-	-	0.170	-	-	-	-	-	-	-	-	-	
Item - h. Joint Mission Planning Computers (JMPC) AETC PC Systems - Increment III)	P-40a	A	-	-	-	-	-	0.156	-	-	0.078	-	-	-	-	-	-	-	-	-	
Item - i. Joint Mission Planning Computers (JMPC) ACC PC Systems - Modernization)	P-40a	A	-	-	-	-	-	1.419	-	-	1.046	-	-	-	-	-	-	-	-	-	
Item - a. PADS Dropsondes	P-40a, P-5a	A	-	-	-	-	-	-	910.00	2,100	1.911	-	-	-	-	-	-	-	-	-	
Item - c. PADS Support Services & Spares	P-40a	A	-	-	-	-	-	2.234	-	-	0.855	-	-	3.502	-	-	-	-	-	3.502	
Item - e. PADS System Engineering & Logistical Support	P-40a	A	-	-	-	-	-	2.785	-	-	2.811	-	-	2.985	-	-	-	-	-	2.985	
Item - f. PADS Testing	P-40a	A	-	-	-	-	-	0.125	-	-	-	-	-	-	-	-	-	-	-	-	
Item - g. PADS Delivery Systems	P-40a, P-5a	A	-	-	-	31,555.56	54	1.704	33,000.00	4	0.132	9,897.96	49	0.485	-	-	-	9,897.96	49	0.485	
Item - i. PADS Delivery System Riggings & Services	P-40a	A	-	-	-	-	-	0.452	-	-	0.372	-	-	0.500	-	-	-	-	-	0.500	
Item - j. Program Management Administration (Government Cost)	P-40a	A	-	-	-	-	-	0.525	-	-	0.343	-	-	0.552	-	-	-	-	-	0.552	
Item - k. Program Management Administration (Contractor Services)	P-40a	A	-	-	-	-	-	0.662	-	-	0.301	-	-	0.376	-	-	-	-	-	0.376	
Item - l. JPADS Hardware Systems	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Gross/Weapon System Cost			-	-	0.000	-	-	14.722	-	-	11.915	-	-	15.649	-	-	-	-	-	15.649	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs										P-1 Line Item Number / Title: 833170 / Mission Planning Systems										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:								Other Related Program Elements:						
Line Item MDAP/MAIS Code: N35				Item MDAP/MAIS Code(s):																
Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - a. MPS Increment IV (Joint Mission Planning Computers) ACC PC Systems	P-40a	A	-	-	0.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.642
Item - b. MPS Hardware	P-40a	A	-	-	8.291	-	-	8.902	-	-	8.775	-	-	8.932	-	-	-	-	-	41.449
Item - c. MPS Program Management Administration (Contractor Services)	P-40a	A	-	-	0.438	-	-	0.456	-	-	0.465	-	-	0.473	-	-	-	-	-	2.927
Item - d. Legacy Mission Planning Computers (LMPC) ACC PC Systems - Legacy)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.750
Item - e. Legacy Mission Planning Computers (LMPC) AMC PC Systems - Legacy)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.249
Item - f. AFGSC PC Systems - Legacy	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.603
Item - g. AETC PC Systems - Legacy	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.487
Item - h. Joint Mission Planning Computers (JMPC) AETC PC Systems - Increment III)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.234
Item - i. Joint Mission Planning Computers (JMPC) ACC PC Systems - Modernization)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.465
Item - a. PADS Dropsondes	P-40a, P-5a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	910.00	2,100	1.911
Item - c. PADS Support Services & Spares	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.591
Item - e. PADS System Engineering & Logistical Support	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.581
Item - f. PADS Testing	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.125
Item - g. PADS Delivery Systems	P-40a, P-5a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,691.59	107	2.321
Item - i. PADS Delivery System Riggings & Services	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.324
Item - j. Program Management Administration (Government Cost)	P-40a	A	-	-	0.560	-	-	0.581	-	-	0.601	-	-	0.637	-	-	-	-	-	3.799

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs									P-1 Line Item Number / Title: 833170 / Mission Planning Systems											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Line Item MDAP/MAIS Code: N35			Item MDAP/MAIS Code(s):																	
Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	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)
Item - k. Program Management Administration (Contractor Services)	P-40a	A	-	-	0.084	-	-	0.087	-	-	0.090	-	-	0.095	-	-	-	-	-	1.695
Item - l. JPADS Hardware Systems	P-40a	A	-	-	9.071	-	-	8.613	-	-	8.470	-	-	9.083	-	-	-	-	-	35.237
Total Gross/Weapon System Cost			-	-	18.844	-	-	18.639	-	-	18.401	-	-	19.220	-	-	-	-	-	117.390
*For Items, Title represents the Item Number / Title [DODIC].																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				

Justification:

FY15 funding will continue procuring a variety of computers, software, and electronic equipment to support pre-, post-, and in-flight mission planning tasks for a number of Air Force platforms. Procured hardware and other items are centrally managed and will support and enable completion of mission planning efforts using legacy planning tools (e.g. Unix-MPS and the Portable Flight Planning Software (PFPS)) as well as newer planning systems (JMPS or the Joint Mission Planning Systems) that are in the final stages of development. They will also accommodate planning system updates based upon new capabilities being incorporated via individual platform's Operational Flight Programs (OFPs). All items are centrally managed and distributed by the MPS System Support Facility. The following kinds of equipment and mission areas will be supported:

1. MPS HARDWARE: FY15 funding will continue procuring COTS-based hardware, software, and support services to include (but is not limited to) desktop computers, laptops, tablet PCs, data storage devices, PDAs, monitors, software applications, warranties, large data storage capabilities, and other electronic computing components. These assets provide a portable, tailorable, network-capable system that can be integrated with MPS software to provide basic mission planning capability and full interoperability with TBM systems. Components can also be networked with legacy UNIX Systems to further tailor a platform's mission planning environment. The program will procure hardware, software, and other services for the following mission planning programs as they incorporate and enable new capability resident in the OFPs of each platform:

- A-10
- B-1B
- F-15
- F-16 Block 30
- F-16 Block 40/50
- F-22
- Mobility Air Forces (MAF) Modernization (e.g. C-5, C-130, KC-10, KC-135, KC-46, C-17, C-27)
- ACC Special Mission - (e.g. E-3, E-4, E-8, RC/OC-135, HH-60)

In addition to the above programs, MPS hardware will also be used to support the following platforms: RQ-4, U-2, B-52, B-2, MC-12, F35, and T-38.

2. PRECISION AERIAL DELIVERY SYSTEMS (PADS): FY15 funding will continue the procurement of Joint Precision Airdrop Systems (JPADS) hardware, software, and support services for a precision aerial delivery capability (principally for C-17 and C-130 aircraft). Components include, but are not limited to: guided delivery vehicles (e.g. ultralight, 2K, 10K, and overhaul); Pressure Tolerant Disk Drives (PTDD) [including solid state and pressure sealed disk drives]; precision-guided airdrop training systems; portable data storage units, engineering/technical support, and associated hardware warranties. Funding for this effort is in program element 0208006F.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 2: Intelligence Programs		P-1 Line Item Number / Title: 833170 / Mission Planning Systems
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Line Item MDAP/MAIS Code: N35	Item MDAP/MAIS Code(s):	
3. PROGRAM MANAGEMENT ADMINISTRATION: FY15 funding provides program office, engineering, and other contractor support for the Mission Planning Systems procurement program. Systems and associated components requested in FY15 are identified in the P-40A and are representative of items/capabilities to be procured. Systems and components procured during execution may change based on critical equipment needed to support current Air Force mission requirements and/or obsolescence and diminishing manufacturing sources.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2						P-1 Line Item Number / Title: 833170 / Mission Planning Systems									Aggregated Items Title: Mission Planning Systems					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Subtotal MPS																				
a. MPS Increment IV (Joint Mission Planning Computers) ACC PC Systems	A		-	-	-	-	-	0.534	-	-	0.408	-	-	0.300	-	-	-	-	-	0.300
b. MPS Hardware	A		-	-	-	-	-	-	-	-	-	-	-	6.549	-	-	-	-	-	6.549
c. MPS Progam Management Administration (Contractor Services)	A		-	-	-	-	-	0.044	-	-	0.651	-	-	0.400	-	-	-	-	-	0.400
d. Legacy Mission Planning Computers (LMPC) ACC PC Systems - Legacy)	A		-	-	-	-	-	0.468	-	-	0.282	-	-	-	-	-	-	-	-	-
e. Legacy Mission Planning Computers (LMPC) AMC PC Systems - Legacy)	A		-	-	-	-	-	2.997	-	-	2.252	-	-	-	-	-	-	-	-	-
f. AFGSC PC Systems - Legacy	A		-	-	-	-	-	0.300	-	-	0.303	-	-	-	-	-	-	-	-	-
g. AETC PC Systems - Legacy	A		-	-	-	-	-	0.317	-	-	0.170	-	-	-	-	-	-	-	-	-
h. Joint Mission Planning Computers (JMPC) AETC PC Systems - Increment III)	A		-	-	-	-	-	0.156	-	-	0.078	-	-	-	-	-	-	-	-	-
i. Joint Mission Planning Computers (JMPC) ACC PC Systems - Modernization)	A		-	-	-	-	-	1.419	-	-	1.046	-	-	-	-	-	-	-	-	-
Subtotal: Subtotal MPS			-	-	-	-	-	6.235	-	-	5.190	-	-	7.249	-	-	-	-	-	7.249
Subtotal PADS																				
a. PADS Dropsondes ^(†)	A		-	-	-	-	-	-	910.00	2,100	1.911	-	-	-	-	-	-	-	-	-
c. PADS Support Services & Spares	A		-	-	-	-	-	2.234	-	-	0.855	-	-	3.502	-	-	-	-	-	3.502
e. PADS System Engineering & Logistical Support	A		-	-	-	-	-	2.785	-	-	2.811	-	-	2.985	-	-	-	-	-	2.985
f. PADS Testing	A		-	-	-	-	-	0.125	-	-	-	-	-	-	-	-	-	-	-	-
g. PADS Delivery Systems ^(†)	A		-	-	-	31,555.56	54	1.704	33,000.00	4	0.132	9,897.96	49	0.485	-	-	-	9,897.96	49	0.485

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2								P-1 Line Item Number / Title: 833170 / Mission Planning Systems								Aggregated Items Title: Mission Planning Systems			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
i. PADS Delivery System Riggings & Services	A		-	-	-	-	-	0.452	-	-	0.372	-	-	0.500	-	-	-	-	-	0.500
j. Program Management Administration (Government Cost)	A		-	-	-	-	-	0.525	-	-	0.343	-	-	0.552	-	-	-	-	-	0.552
k. Program Management Administration (Contractor Services)	A		-	-	-	-	-	0.662	-	-	0.301	-	-	0.376	-	-	-	-	-	0.376
l. JPADS Hardware Systems	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal PADS</i>			-	-	-	-	-	8.487	-	-	6.725	-	-	8.400	-	-	-	-	-	8.400
Total			-	-	-	-	-	14.722	-	-	11.915	-	-	15.649	-	-	-	-	-	15.649

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2						P-1 Line Item Number / Title: 833170 / Mission Planning Systems									Aggregated Items Title: Mission Planning Systems					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal MPS																				
a. MPS Increment IV (Joint Mission Planning Computers) ACC PC Systems	A		-	-	0.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.642
b. MPS Hardware	A		-	-	8.291	-	-	8.902	-	-	8.775	-	-	8.932	-	-	-	-	-	41.449
c. MPS Progam Management Administration (Contractor Services)	A		-	-	0.438	-	-	0.456	-	-	0.465	-	-	0.473	-	-	-	-	-	2.927
d. Legacy Mission Planning Computers (LMPC) ACC PC Systems - Legacy)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.750
e. Legacy Mission Planning Computers (LMPC) AMC PC Systems - Legacy)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.249
f. AFGSC PC Systems - Legacy	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.603
g. AETC PC Systems - Legacy	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.487
h. Joint Mission Planning Computers (JMPC) AETC PC Systems - Increment III)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.234
i. Joint Mission Planning Computers (JMPC) ACC PC Systems - Modernization)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.465
Subtotal: Subtotal MPS			-	-	9.129	-	-	9.358	-	-	9.240	-	-	9.405	-	-	-	-	-	55.806
Subtotal PADS																				
a. PADS Dropsondes ^(†)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	910.00	2,100	1.911
c. PADS Support Services & Spares	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.591
e. PADS System Engineering & Logistical Support	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.581
f. PADS Testing	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.125
g. PADS Delivery Systems ^(†)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,691.59	107	2.321

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2					P-1 Line Item Number / Title: 833170 / Mission Planning Systems										Aggregated Items Title: Mission Planning Systems				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
i. PADS Delivery System Riggings & Services	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.324
j. Program Management Administration (Government Cost)	A		-	-	0.560	-	-	0.581	-	-	0.601	-	-	0.637	-	-	-	-	-	3.799
k. Program Management Administration (Contractor Services)	A		-	-	0.084	-	-	0.087	-	-	0.090	-	-	0.095	-	-	-	-	-	1.695
l. JPADS Hardware Systems	A		-	-	9.071	-	-	8.613	-	-	8.470	-	-	9.083	-	-	-	-	-	35.237
<i>Subtotal: Subtotal PADS</i>			-	-	9.715	-	-	9.281	-	-	9.161	-	-	9.815	-	-	-	-	-	61.584
Total			-	-	18.844	-	-	18.639	-	-	18.401	-	-	19.220	-	-	-	-	-	117.390

(†) indicates the presence of a P-5a

Remarks:

Unit costs vary because different types/configurations of equipment are being procured.

Multiple award and delivery dates on existing contract(s); award/delivery dates reflect date of first award and delivery.

Mission Planning Systems (MPS) and Precision Aerial Delivery Systems (PADS) components are procured as commercial-of-the-shelf (COTS) equipment using various contracting methods, vehicles and agencies. Items are procured annually via Delivery Orders (DOs) on a variety of contract vehicles (e.g. Blanket Purchase Agreements (BPAs), Indefinite Delivery Indefinite Quantity (IDIQ) contracts, and GSA and NASA SEWP IV Contract schedules) and through agencies such as AFWAY (Gunter AFB) and the Department of the Interior, Acquisition Directorate (AQD) Herndon, VA. Examples of GSA Schedule usage include DO# FA877108F0925 (awarded 10 Mar 08 to CDW Government Inc., Contract GS35F0195J) and DO# FA877109M009 (awarded 24 Feb 09 to RYLEX Consulting, Contract GS35F4411G). Examples of NASA SEWP IV contracts include NNG07DA22B DO# 0408DO21067 awarded 19 Sep 08 to Blue Tech Inc. and NNG07DA30B DO# 0409D021091 awarded 16 Dec 08 to GC MICRO Corp. Other contractors include Technology Solutions Group (TSG), formerly known as Planning Systems, Inc. (PSI), Reston, VA.

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Exhibit P-5a, Procurement History and Planning: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 2			P-1 Line Item Number / Title: 833170 / Mission Planning Systems					Aggregated Items: Mission Planning Systems				
Item Number / Title [DODIC]	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Subtotal PADS												
a. PADS Dropsondes		2014	Multiple / Multiple	C / Various	Hanscom AFB	Nov 2013	Nov 2014	2,100	910.00	Y		May 2013
g. PADS Delivery Systems		2013	Multiple / Multiple	C / Various	Hanscom AFB	Nov 2012	Nov 2013	54	31,555.56	Y		May 2012
g. PADS Delivery Systems		2014	Multiple / Multiple	C / Various	Hanscom AFB	Nov 2013	Nov 2014	4	33,000.00	Y		May 2013
g. PADS Delivery Systems		2015	Multiple / Multiple	C / Various	Hanscom AFB	Nov 2014	Nov 2015	49	9,897.96	Y		May 2014
Remarks: Unit costs vary because different types/configurations of equipment are being procured.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
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 Number / Title: 833010 / Air Traffic Control & Landing Sys					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items: 0305114F					Other Related Program Elements: 0305137F, 0603860F				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	19.166	32.118	42.200	-	42.200	57.893	96.339	85.802	98.587	-	432.105
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	19.166	32.118	42.200	-	42.200	57.893	96.339	85.802	98.587	-	432.105
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	19.166	32.118	42.200	-	42.200	57.893	96.339	85.802	98.587	-	432.105
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: Air Traffic Control and Landing Systems (ATCALs) procures and supports fixed-base and tactical radar, navigation aids, voice communications, and data processing/automation capabilities. ATCALs enables United States Air Force (USAF) air traffic controllers to provide advisory, sequencing, separation, and landing guidance services to all aircraft in USAF-assigned airspace. ATCALs includes operational equipment, training systems for air traffic controllers, and equipment required to interface Air Force systems with systems operated by other services, the Federal Aviation Administration (FAA), or host nations. Modern architectures also drive "linchpin" systems in development that embrace spaced-based technologies and will provide full spectrum support to Global Mobility, Agile Combat Support, Global Strike, Homeland Security, Global Response Concepts of Operation, and net-centric capabilities. Activities also include acquisition planning and document preparation to support both current execution and definition of future program implementation strategies. ATCALs provides a capability-focused range of enroute, terminal air traffic control, and instrument procedures for airspace management. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. AIR TRAFFIC CONTROL AND AIRFIELD OPERATIONS (ATC OPS): ATC OPS provides for development, replacement, and mitigation of diminishing manufacturing source issues of legacy ATC navigation and landing systems, as well as related voice communications, data processing/automation systems, and ancillary equipment such as ATC digital audio legal recorders, flight data input/output systems, electronic flight strip systems, air traffic information systems, or airfield management systems. A key element of ATC OPS is the ATCALs Navigational Aids (NAVAIDS) Family of Systems Replacement program, which combines organizational realignments, process improvements, and investments in state-of-the-art commercial-off-the-shelf technology to replace 30+ year-old fixed and deployable equipment. The NAVIADS FOS replacement program includes the fixed base Very High Frequency (VHF) Omnidirectional Range System (VOR), Tactical Air Navigation (TACAN), and VORTAC (combined VOR/TACAN), Deployable TACAN, and ATC radios. In FY15, ATCALs also continues procurement of a new Deployable Instrument Landing System which will replace the 40+ year old mobile precision approach radar. These investments will result in significant manpower and operations/maintenance savings over the next 20 years. 1. AIR TRAFFIC CONTROL (ATC) RADIO REPLACEMENT: The ATC ground-to-air VHF and Ultra High Frequency (UHF) radios are 30 years old and difficult to maintain. The ATC Radio Replacement Program will replace ATC fixed-base radios with state-of-the-art systems that will include a remote maintenance capability and 8.33kHz channel spacing (mandatory requirement in USAFE by FY18). 2. ATCALs DEPLOYABLE TACAN (D-TACAN) REPLACEMENT: Replaces a 1970 era legacy system. A total of 19 systems were procured in prior years.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force							Date: March 2014		
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 Number / Title: 833010 / Air Traffic Control & Landing Sys		

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0305114F	Other Related Program Elements: 0305137F, 0603860F
3. ATCALs Fixed Base (FB) Navigational Aids (NAVAIDS) Family of Systems (FoS) Replacement: The current systems (1970 era) have reached the end of their normal lifespan, are manpower intensive, and are costly to support. New systems will include remote maintenance, monitoring, alignment, and flight inspection support capabilities via Remote Maintenance Centers (RMC). One VOR (1 AD), 28 VORTACs 27 AD/1 ANG), and 92 fixed-based TACANs (76 AD/10 ANG/6 AFR) will be procured from FY12 through FY17. a. ATCALs FB NAVAIDS FoS VOR REPLACEMENT b. ATCALs FB NAVAIDS FoS VORTAC REPLACEMENT c. ATCALs FB NAVAIDS FoS TACAN REPLACEMENT 4. DEPLOYABLE INSTRUMENT LANDING SYSTEM (D-ILS): D-ILS is a deployable Category I (200ft decision height/2400ft runway visual range) ILS with remote monitoring and maintenance capabilities. D-ILS will provide precision approach capability in adverse weather conditions for contingency operations and humanitarian or disaster relief operations. D-ILS will replace the current Air Force mobile Precision Approach Radar (PAR) systems which were procured in the 1970s, are manpower intensive, and logistically unsupportable. D-ILS will also provide interoperability with the Civil Reserve Air Fleet which is equipped with ILS avionics. The D-ILS development contract was terminated on 6 Nov 13 due to contractor inability mitigate design deficiencies under a fixed price contract. Based on lessons learned an updated Specification Requirements Document (SRD) has been prepared and will be used to procure an off-the-shelf system through a Foreign Comparative Test program. Funding for this exhibit is contained in Program Element (PE) 0305114F.		

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	17.067	15.576	29.959	-	29.959	-	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.496	15.889	10.216	-	10.216	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.603	0.654	2.025	-	2.025	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	19.166	32.119	42.200	-	42.200	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Air Traffic Control Radio Replacement	P-5		-	-	-	-	-	1.037	-	-	1.061	-	-	-	-	-	-	-	-	-
Item - D-TACAN	P-5		-	-	-	-	-	0.828	-	-	0.837	-	-	-	-	-	-	-	-	-
Item - FB NAVAIDs FOS	P-5		-	-	-	-	-	17.301	-	-	8.050	-	-	23.810	-	-	-	-	-	23.810
Item - D-ILS	P-5		-	-	-	-	-	-	-	-	22.170	-	-	18.390	-	-	-	-	-	18.390

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014						
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 Number / Title: 833010 / Air Traffic Control & Landing Sys										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items: 0305114F								Other Related Program Elements: 0305137F, 0603860F							
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Total Gross/Weapon System Cost			-	-	-	-	-	19.166	-	-	32.118	-	-	42.200	-	-	-	-	-	42.200
*For Items, Title represents the Item Number / Title [DODIC].																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				

- Justification:**
- AIR TRAFFIC CONTROL (ATC) RADIO REPLACEMENT: No FY15 funding is requested.
 - ATCALS DEPLOYABLE TACAN (D-TACAN) REPLACEMENT: No funds requested in FY15.
 - ATCALS Fixed Base (FB) Navigational Aids (NAVAIDS) Family of Systems (FoS) Replacement: FY15 funds will provide PMA support to all segments of the NAVAIDS Family of Systems Program.
 - ATCALS FB NAVAIDS FoS VOR REPLACEMENT: No FY15 funds requested.
 - ATCALS FB NAVAIDS FoS VORTAC REPLACEMENT: FY15 funds procure 6 systems (6 AD/0 ANG/0 AFR).
 - ATCALS FB NAVAIDS FoS TACAN REPLACEMENT: FY15 funds procure 20 systems (14 AD/3 ANG/3 AFR).
 - DEPLOYABLE INSTRUMENT LANDING SYSTEM (D-ILS): FY15 funds will procure 10 systems (5 AD/5 ANG/0 AFR), provide interim contractor support, and fund PMA (managed at Hanscom AFB, MA).

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Exhibit P-5, Cost Analysis: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3								P-1 Line Item Number / Title: 833010 / Air Traffic Control & Landing Sys							Item Number / Title [DODIC]: - / Air Traffic Control Radio Replacement				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	1.037	1.061	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	1.037	1.061	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	1.037	1.061	-	-	-

(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>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
Air Traffic Control Radio Replacement (AD) ⁽¹⁾	A	-	-	-	0.047	22	1.037	0.048	22	1.061	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	1.037	-	-	1.061	-	-	-	-	-	-	-	-	
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	1.037	-	-	1.061	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost		-	-	-	-	-	1.037	-	-	1.061	-	-	-	-	-	-	-	-	

Remarks:
VORTAC Depot will also support VOR and TACAN.

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	-	-	-	-	-
Quantity	-	-	-	-	-
Total Obligation Authority	1.037	1.061	-	-	-
Total: Secondary Distribution	-	-	-	-	-
Quantity	-	-	-	-	-
Total Obligation Authority	1.037	1.061	-	-	-

Footnotes:
⁽¹⁾ Option on FAA contract for Air Traffic Control Radios awarded to General Dynamics in FY12 with fixed price options extending thru 2022.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3								P-1 Line Item Number / Title: 833010 / Air Traffic Control & Landing Sys							Item Number / Title [DODIC]: - / D-TACAN				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	0.828	0.837	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	0.828	0.837	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	0.828	0.837	-	-	-
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Support - Support Cost Element Category Cost																			
ATCALs D-TACAN Equipment Replacement Interim Contractor Support ⁽²⁾		-	-	-	-	-	0.828	-	-	0.837	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.828	-	-	0.837	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	-	-	-	0.828	-	-	0.837	-	-	-	-	-	-	-	-	-

Remarks:
VORTAC Depot will also support VOR and TACAN.

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	-	-	-	-	-
Total Obligation Authority	0.828	0.837	-	-	-
Total: Secondary Distribution	0.828	0.837	-	-	-

Footnotes:
⁽²⁾ Option on Deployable TACAN production contract.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3			P-1 Line Item Number / Title: 833010 / Air Traffic Control & Landing Sys			Item Number / Title [DODIC]: - / FB NAVAIDs FOS

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	17.301	8.050	23.810	-	23.810
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	17.301	8.050	23.810	-	23.810
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	17.301	8.050	23.810	-	23.810

(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>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
ATCALs FB NAVAIDs FOS VOR Replacement (AFR) (3)	A	-	-	-	0.603	1	0.603	-	-	-	-	-	-	-	-	-	-	-	-
ATCALs FB NAVAIDs FOS VORTAC Replacement (AD) (4)	A	-	-	-	1.656	3	4.969	1.636	2	3.271	1.629	6	9.771	-	-	-	1.629	6	9.771
ATCALs FB NAVAIDs FOS VORTAC Replacement (ANG) (5)	A	-	-	-	-	-	-	1.636	1	1.636	-	-	-	-	-	-	-	-	-
ATCALs FB NAVAIDs FOS TACAN Replacement (AD) (6)	A	-	-	-	0.748	13	9.721	0.654	1	0.654	0.675	14	9.450	-	-	-	0.675	14	9.450
ATCALs FB NAVAIDs FOS TACAN Replacement (ANG) (7)	A	-	-	-	0.748	2	1.496	0.654	2	1.308	0.675	3	2.025	-	-	-	0.675	3	2.025
ATCALs FB NAVAIDs FOS TACAN Replacement (AFR) (8)	A	-	-	-	-	-	-	0.654	1	0.654	0.675	3	2.025	-	-	-	0.675	3	2.025
Subtotal: Recurring Cost		-	-	-	-	-	16.789	-	-	7.522	-	-	23.271	-	-	-	-	-	23.271

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3						P-1 Line Item Number / Title: 833010 / Air Traffic Control & Landing Sys						Item Number / Title [DODIC]: - / FB NAVAlDs FOS							

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	16.789	-	-	7.522	-	-	23.271	-	-	-	-	-	23.271
Support - Support Cost Element Category Cost																			
ATCALs PMA OC-ALC (TINKER AFB) Contractor Services		-	-	-	-	-	0.152	-	-	0.158	-	-	0.162	-	-	-	-	-	0.162
ATCALs PMA OC-ALC (TINKER AFB) Other Government Costs		-	-	-	-	-	0.360	-	-	0.370	-	-	0.377	-	-	-	-	-	0.377
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.512	-	-	0.528	-	-	0.539	-	-	-	-	-	0.539
Gross/Weapon System Cost		-	-	-	-	-	17.301	-	-	8.050	-	-	23.810	-	-	-	-	-	23.810

Remarks:
VORTAC Depot will also support VOR and TACAN.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	15.202	4.453	19.760	-	19.760
AFR	Quantity	-	-	-	-	-
	Total Obligation Authority	0.603	0.654	2.025	-	2.025
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	1.496	2.944	2.025	-	2.025
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	17.301	8.050	23.810	-	23.810

- Footnotes:**
- (3) Single contract with five equipment options and option for interim contractor support awarded to Thales in 2013 for replacement of VORs, VORTACs, and TACANs.
- (4) Reference footnote (3)
- (5) Reference footnote (3)
- (6) Reference footnote (3)
- (7) Reference footnote (3)
- (8) Reference footnote (3)

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833010 / Air Traffic Control & Landing Sys							Item Number / Title [DODIC]: - / D-ILS							
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total	
Procurement Quantity (<i>Units in Each</i>)					-			-			-			-			-			-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-			-			22.170			18.390			-			18.390	
Less PY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Net Procurement (P1) (<i>\$ in Millions</i>)					-			-			22.170			18.390			-			18.390	
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Total Obligation Authority (<i>\$ in Millions</i>)					-			-			22.170			18.390			-			18.390	
(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>\$ in Millions</i>)					-			-			-			-			-			-	
# The FY 2015 OCO Request will be submitted at a later date.																					
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Hardware - Hardware Cost Element Category Cost																					
Recurring Cost																					
D-ILS (AD)	A	-	-	-	-	-	-	1.618	4	6.472	1.638	5	8.191	-	-	-	1.638	5	8.191		
D-ILS (ANG) ⁽⁹⁾	A	-	-	-	-	-	-	1.618	8	12.945	1.638	5	8.191	-	-	-	1.638	5	8.191		
Foreign Comparative Test (FCT) ⁽¹⁰⁾	A	-	-	-	-	-	-	2.100	1	2.100	-	-	-	-	-	-	-	-	-		
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	21.517	-	-	16.382	-	-	-	-	-	16.382		
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	-	-	-	21.517	-	-	16.382	-	-	-	-	-	16.382		
Support - Support Cost Element Category Cost																					
D-ILS Interim Contractor Support		-	-	-	-	-	-	-	-	0.174	-	-	0.387	-	-	-	-	-	0.387		
D-ILS PMA AFLCMC (HANSCom AFB) Contractor Services		-	-	-	-	-	-	-	-	0.165	-	-	0.547	-	-	-	-	-	0.547		
D-ILS PMA AFLCMC (HANSCom AFB) Other Government Costs		-	-	-	-	-	-	-	-	0.314	-	-	1.074	-	-	-	-	-	1.074		
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	-	-	-	0.653	-	-	2.008	-	-	-	-	-	2.008		
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	22.170	-	-	18.390	-	-	-	-	-	18.390		
Remarks: VORTAC Depot will also support VOR and TACAN.																					

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3	P-1 Line Item Number / Title: 833010 / Air Traffic Control & Landing Sys	Item Number / Title [DODIC]: - / D-ILS

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	-	9.225	10.199	-	10.199
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	-	12.945	8.191	-	8.191
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	-	22.170	18.390	-	18.390

Footnotes:

⁽⁹⁾ Single contract awarded to Nortrop Grumman in 2011 with two equipment option years, option for Pre-Production Unit refurbishment, and option for interim contractor support. Contract terminated 6 Nov 13. Program being restructured under Foreign Comparative Test program as an off-the-shelf procurement.

⁽¹⁰⁾ Reference footnote (9)

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014		
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 Number / Title: 833020 / National Airspace System					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0305114F				
Line Item MDAP/MAIS Code: 537		Item MDAP/MAIS Code(s):										
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	714.421	28.850	11.652	6.333	-	6.333	2.219	2.717	2.765	2.814	-	771.771
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	714.421	28.850	11.652	6.333	-	6.333	2.219	2.717	2.765	2.814	-	771.771
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	714.421	28.850	11.652	6.333	-	6.333	2.219	2.717	2.765	2.814	-	771.771
<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>)	52.946	-	-	-	-	-	-	-	-	-	-	52.946
Flyaway Unit Cost (<i>\$ in Dollars</i>)	0.000	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date.												
Description: Funding for this exhibit is contained in PE 0305137F and PE 0305114F PE 0305137F NATIONAL AIRSPACE SYSTEM (NAS) The National Airspace System (NAS) program is an ACAT IC program. It modernizes the Department of Defense (DoD) Air Traffic Control (ATC) system in concert with the Federal Aviation Administration (FAA) modernization effort. The FAA is the overall NAS program lead and the Air Force (AF) is the DoD lead. NAS increases safety of flight, provides systems and facilities interoperable with FAA modernization, replaces aging DoD ATC systems, provides identical service to military and civilian aircraft, and reduces DoD flight cancellations/delays and maintenance. Equipment procured includes ATC automation systems, surveillance radars, voice switches, military site-unique equipment (at test range facilities), associated Pre-Planned Product Improvements (P3I), site preparation, installation support, ancillary equipment and supplies, direct production support, flight, periodic security interoperability, and information technology certifications. For the AF this includes procurement funding for 91 DoD Advanced Automation Systems (DAAS) [45 Radar Approach Control Facilities and 46 Air Traffic Control Towers], other equipment required to interface with the FAA and 48 Digital Airport Surveillance Radars (DASR). The NAS program entered full rate production 15 Jun 05. The NAS modernization program will complete equipment procurement and installation in FY15 and enter the operations and support phase. As initial installations began in 1998, this effort will focus on mitigation of diminishing manufacturing source and sustainment issues In accordance with Section 1815 of the FY2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Reserve component allocations are subject to Total Force priorities and demand. PE 0305114F AIR TRAFFIC CONTROL AND LANDING SYSTEMS (ATCALS) Air Traffic Control and Landing Systems (ATCALS) procures and supports fixed-base and tactical radar, navigation aids, voice communications, and data processing/automation capabilities. ATCALS enables United States Air Force (USAF) air traffic controllers to provide advisory, sequencing, separation, and landing guidance services to all aircraft in USAF-assigned airspace. ATCALS support under PE 0305114F												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 833020 / National Airspace System

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0305114F

Line Item MDAP/MAIS Code: 537	Item MDAP/MAIS Code(s):

for the National Airspace System (NAS) is focused on mitigation of diminishing manufacturing source (DMS) issues for the Department of Defense (DoD) Advanced Automation System (DAAS). The first DAAS systems were delivered and installed in 2001.

In accordance with Section 1815 of the FY2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Reserve component allocations are subject to Total Force priorities and demand.

Note: DMS mitigation funding was not part of the NAS Acquisition Category ACAT IC program baseline and therefore, is not included in System Acquisition Report unit cost calculations or the P-21 Production Schedule.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	319	300	264	-	264	-	-	-	-
	Total Obligation Authority	25.075	11.652	6.333	-	6.333	2.219	2.717	2.765	2.814
AFNG	Quantity	50	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.548	-	-	-	-	-	-	-	-
AFR	Quantity	90	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.227	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	459	300	264	-	264	-	-	-	-
	Total Obligation Authority	28.850	11.652	6.333	-	6.333	2.219	2.717	2.765	2.814

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - ATCALs/NAS DAAS Capital Equipment Replacement Processors (AD) ⁽¹⁾	P-40a	A	8,497.44	275	2.337	8,792.31	271	2.383	8,964.57	254	2.277	9,787.33	221	2.163	-	-	-	9,787.33	221	2.163
Item - ATCALs/NAS DAAS Capital Equipment Replacement Processors (AFR) ⁽²⁾	P-40a	A	8,497.44	74	0.629	8,792.31	78	0.686	-	-	-	-	-	-	-	-	-	-	-	-
Item - ATCALs/NAS DAAS Capital Equipment Replacement Processors (AFNG) ⁽³⁾	P-40a	A	8,497.44	41	0.348	8,792.31	41	0.360	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force													Date: March 2014							
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 Number / Title: 833020 / National Airspace System											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0305114F								
Line Item MDAP/MAIS Code: 537			Item MDAP/MAIS Code(s):																	
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - ATCALs/NAS DAAS Capital Equipment Replacment Displays (AD) ⁽⁴⁾	P-40a	A	41,650.00	43	1.791	45,050.00	41	1.847	45,739.13	46	2.104	46,348.84	43	1.993	-	-	-	46,348.84	43	1.993
Item - ATCALs/NAS DAAS Capital Equipment Replacment Displays (AFR) ⁽⁵⁾	P-40a	A	41,650.00	10	0.417	45,050.00	12	0.541	-	-	-	-	-	-	-	-	-	-	-	-
Item - ATCALs/NAS DAAS Capital Equipment Replacment Displays (AFNG) ⁽⁶⁾	P-40a	A	41,650.00	7	0.292	45,050.00	7	0.315	-	-	-	-	-	-	-	-	-	-	-	-
Item - National Airspace System	P-5, P-5a, P-21		-	-	708.608	2,524K	9	22.718	-	-	7.271	-	-	2.177	-	-	-	-	-	2.177
Total Gross/Weapon System Cost			-	-	714.421	-	-	28.850	-	-	11.652	-	-	6.333	-	-	-	-	-	6.333
Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	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)
Item - ATCALs/NAS DAAS Capital Equipment Replacment Processors (AD) ⁽¹⁾	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,971.12	1,021	9.160
Item - ATCALs/NAS DAAS Capital Equipment Replacment Processors (AFR) ⁽²⁾	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,648.75	152	1.315
Item - ATCALs/NAS DAAS Capital Equipment Replacment Processors (AFNG) ⁽³⁾	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,644.87	82	0.709
Item - ATCALs/NAS DAAS Capital Equipment Replacment Displays (AD) ⁽⁴⁾	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44,710.98	173	7.735
Item - ATCALs/NAS DAAS Capital Equipment Replacment Displays (AFR) ⁽⁵⁾	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,504.55	22	0.957

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
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 Number / Title: 833020 / National Airspace System									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0305114F									
Line Item MDAP/MAIS Code: 537				Item MDAP/MAIS Code(s):																	
Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Item - ATCAL/NAS DAAS Capital Equipment Replacement Displays (AFNG) (6)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,350.00	14	0.607	
Item - National Airspace System	P-5, P-5a, P-21		-	-	2.219	-	-	2.717	-	-	2.765	-	-	2.814	-	-	-	83,477K	9	751.289	
Total Gross/Weapon System Cost			-	-	2.219	-	-	2.717	-	-	2.765	-	-	2.814	-	-	-	-	-	771.771	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0305114F AIR TRAFFIC CONTROL AND LANDING SYSTEMS ATCAL/NAS DAAS capital equipment replacement DMS efforts include the following: 1. ATCAL/NAS DAAS CAPITAL EQUIPMENT REPLACEMENT PROCESSORS: FY15 funding replaces obsolete, end-of-life, DAAS processors (221 AD/0 AFR/0 ANG). 2. ATCAL/NAS DAAS CAPITAL EQUIPMENT REPLACEMENT DISPLAYS: FY15 funding replaces obsolete, end-of-life, DAAS Radar Approach Control displays (43 AD/0 AFR/0 ANG). PE 0305137F DOD ADVANCED AUTOMATION SYSTEM (DAAS) and DIGITAL AIRPORT SURVEILLANCE RADAR (DASR) 1. DOD ADVANCED AUTOMATION SYSTEM (DAAS): The DAAS is comprised of equipment tailored to support two types of ATC operations facilities: Radar Approach Control (RAPCON) and military control tower facilities. DAAS provides digital radar displays, consoles, automation hardware and software to replace systems approaching the end of their life cycle. DAAS replaces the current generation air traffic control automation system in DoD RAPCONs and dependent control towers. No FY15 funding requested. 2. DIGITAL AIRPORT SURVEILLANCE RADAR (DASR): The DASR consists of two subsystems: a primary and a secondary surveillance radar. DASR provides aircraft position and other data to controller displays in the RAPCON and at select control tower locations. DASR replaces the current generation of DoD analog ATC surveillance radar. FY15 funds continue DASR program support and complete Air Force installations and site activation. Footnotes: (1) Option to the Federal Aviation Administration (FAA) Standard Terminal Automated Replacement System contract (DoD Advanced Automation System)> (2) Reference footnote (1) (3) Reference footnote (1) (4) Reference footnote (1) (5) Reference footnote (1)																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force			Date: March 2014
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 Number / Title: 833020 / National Airspace System	
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:		Other Related Program Elements: 0305114F
Line Item MDAP/MAIS Code: 537	Item MDAP/MAIS Code(s):		
⁽⁶⁾ Reference footnote (1)			

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833020 / National Airspace System									Aggregated Items Title: National Airspace System					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
SUB TOTAL ATCALS/NAS DAAS CAPITAL EQUIPMENT REPLACEMENT PROCESSORS																					
ATCALS/NAS DAAS Capital Equipment Replacement Processors (AD) ⁽¹⁾	A		8,497.44	275	2.337	8,792.31	271	2.383	8,964.57	254	2.277	9,787.33	221	2.163	-	-	-	9,787.33	221	2.163	
Secondary Distribution																					
AF			-	-	-	271	2.383		254	2.277		221	2.163		-	-	-	221	2.163		
ATCALS/NAS DAAS Capital Equipment Replacement Processors (AFR) ⁽²⁾	A		8,497.44	74	0.629	8,792.31	78	0.686	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AFR			-	-	-	78	0.686		-	-	-	-	-	-		-	-	-	-	-	
ATCALS/NAS DAAS Capital Equipment Replacement Processors (AFNG) ⁽³⁾	A		8,497.44	41	0.348	8,792.31	41	0.360	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AFNG			-	-	-	41	0.360		-	-	-	-	-	-		-	-	-	-	-	
Subtotal: SUB TOTAL ATCALS/NAS DAAS CAPITAL EQUIPMENT REPLACEMENT PROCESSORS			-	-	3.314	-	-	3.429	-	-	2.277	-	-	2.163	-	-	-	-	-	2.163	
ATCALS/NAS DAAS CAPITAL EQUIPMENT REPLACEMENT DISPLAYS																					
ATCALS/NAS DAAS Capital Equipment Replacement Displays (AD) ⁽⁴⁾	A		41,650.00	43	1.791	45,050.00	41	1.847	45,739.13	46	2.104	46,348.84	43	1.993	-	-	-	46,348.84	43	1.993	
Secondary Distribution																					
AF			-	-	-	41	1.847		46	2.104		43	1.993		-	-	-	43	1.993		
ATCALS/NAS DAAS Capital Equipment Replacement Displays (AFR) ⁽⁵⁾	A		41,650.00	10	0.417	45,050.00	12	0.541	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AFR			-	-	-	12	0.541		-	-	-	-	-	-		-	-	-	-	-	
ATCALS/NAS DAAS Capital Equipment Replacment Displays (AFNG) ⁽⁶⁾	A		41,650.00	7	0.292	45,050.00	7	0.315	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AFNG			-	-	-	7	0.315		-	-	-	-	-	-		-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3						P-1 Line Item Number / Title: 833020 / National Airspace System										Aggregated Items Title: National Airspace System					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Subtotal: ATCALs/ NAS DAAS CAPITAL EQUIPMENT REPLACEMENT DISPLAYS			-	-	2.499	-	-	2.703	-	-	2.104	-	-	1.993	-	-	-	-	-	1.993	
Total			-	-	5.813	-	-	6.132	-	-	4.381	-	-	4.156	-	-	-	-	-	4.156	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833020 / National Airspace System								Aggregated Items Title: National Airspace System					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
SUB TOTAL ATCALs/NAS DAAS CAPITAL EQUIPMENT REPLACEMENT PROCESSORS																				
ATCALs/NAS DAAS Capital Equipment Replacement Processors (AD) ⁽¹⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,971.12	1,021	9.160
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
ATCALs/NAS DAAS Capital Equipment Replacement Processors (AFR) ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,648.75	152	1.315
Secondary Distribution																				
AFR				-	-		-	-		-	-		-	-		-	-		-	-
ATCALs/NAS DAAS Capital Equipment Replacement Processors (AFNG) ⁽³⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,644.87	82	0.709
Secondary Distribution																				
AFNG				-	-		-	-		-	-		-	-		-	-		-	-
Subtotal: SUB TOTAL ATCALs/NAS DAAS CAPITAL EQUIPMENT REPLACEMENT PROCESSORS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.183
ATCALs/NAS DAAS CAPITAL EQUIPMENT REPLACEMENT DISPLAYS																				
ATCALs/NAS DAAS Capital Equipment Replacment Displays (AD) ⁽⁴⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44,710.98	173	7.735
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
ATCALs/NAS DAAS Capital Equipment Replacement Displays (AFR) ⁽⁵⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,504.55	22	0.957
Secondary Distribution																				
AFR				-	-		-	-		-	-		-	-		-	-		-	-
ATCALs/NAS DAAS Capital Equipment Replacment Displays (AFNG) ⁽⁶⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,350.00	14	0.607
Secondary Distribution																				
AFNG				-	-		-	-		-	-		-	-		-	-		-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3								P-1 Line Item Number / Title: 833020 / National Airspace System								Aggregated Items Title: National Airspace System			

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal: ATCALs/ NAS DAAS CAPITAL EQUIPMENT REPLACEMENT DISPLAYS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.299
Total			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.482

Footnotes:

- (1) Option to the Federal Aviation Administration (FAA) Standard Terminal Automated Replacement System contract (DoD Advanced Automation System)>
- (2) Reference footnote (1)
- (3) Reference footnote (1)
- (4) Reference footnote (1)
- (5) Reference footnote (1)
- (6) Reference footnote (1)

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Exhibit P-5, Cost Analysis: PB 2015 Air Force										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3				P-1 Line Item Number / Title: 833020 / National Airspace System						Item Number / Title [DODIC]: - / National Airspace System									
Resource Summary		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total						
Procurement Quantity (<i>Units in Each</i>)		-	9	-	-	-	-	-	-	-	-	-	9						
Gross/Weapon System Cost (<i>\$ in Millions</i>)		708.608	22.718	7.271	2.177	-	2.177	2.219	2.717	2.765	2.814	-	751.289						
Less PY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (<i>\$ in Millions</i>)		708.608	22.718	7.271	2.177	-	2.177	2.219	2.717	2.765	2.814	-	751.289						
Plus CY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (<i>\$ in Millions</i>)		708.608	22.718	7.271	2.177	-	2.177	2.219	2.717	2.765	2.814	-	751.289						
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares (<i>\$ in Millions</i>)		52.946	-	-	-	-	-	-	-	-	-	-	52.946						
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)		-	2,524K	-	-	-	-	-	-	-	-	-	83,477K						
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
DAAS (AD) ^{(1) (7)}	A	3,228K	16	51.647	936,333.28	7	6.554	-	-	-	-	-	-	-	-	-	-	-	-
DAAS (AFR) ⁽⁸⁾	A	3,188K	2	6.377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DAAS (ANG) ^{(1) (9)}	A	3,226K	2	6.451	936,333.28	2	1.873	-	-	-	-	-	-	-	-	-	-	-	-
DASR (AD) ⁽¹⁰⁾	A	6,456K	8	51.652	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DASR (AFR) ⁽¹¹⁾	A	7,131K	1	7.131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DASR (ANG) ⁽¹²⁾	A	7,131K	1	7.131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Previous years 1998-2009	A	5,250K	100	524.955	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	655.344	-	-	8.427	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	655.344	-	-	8.427	-	-	-	-	-	-	-	-	-	-	-	-
Logistics - Logistics Cost Element Category Cost																			
Recurring Cost																			
DASR Site Activation	A	-	-	33.612	-	-	9.113	-	-	3.612	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	33.612	-	-	9.113	-	-	3.612	-	-	-	-	-	-	-	-	-
Subtotal: Logistics - Logistics Cost Element Category Cost		-	-	33.612	-	-	9.113	-	-	3.612	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Number / Title:							Item Number / Title [DODIC]:					
3080F / 03 / 3							833020 / National Airspace System							- / National Airspace System					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Program Management Administration Contractor Services		-	-	14.491	-	-	4.539	-	-	3.426	-	-	2.097	-	-	-	-	-	2.097
Program Management Administration Other Government Costs		-	-	5.161	-	-	0.639	-	-	0.233	-	-	0.080	-	-	-	-	-	0.080
Subtotal: Support - Support Cost Element Category Cost		-	-	19.652	-	-	5.178	-	-	3.659	-	-	2.177	-	-	-	-	-	2.177
Gross/Weapon System Cost		-	-	708.608	2,524K	9	22.718	-	-	7.271	-	-	2.177	-	-	-	-	-	2.177
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
DAAS (AD) ^(†)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,530K	23	58.201
DAAS (AFR)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,188K	2	6.377
DAAS (ANG) ^(†)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,081K	4	8.324
DASR (AD)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,456K	8	51.652
DASR (AFR)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,131K	1	7.131
DASR (ANG)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,131K	1	7.131
Previous years 1998-2009	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,250K	100	524.955
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	663.771
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	663.771
Logistics - Logistics Cost Element Category Cost																			
Recurring Cost																			
DASR Site Activation	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.337
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.337
Subtotal: Logistics - Logistics Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.337
Support - Support Cost Element Category Cost																			
Program Management Administration Contractor Services		-	-	2.137	-	-	2.632	-	-	2.671	-	-	2.715	-	-	-	-	-	34.708

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3						P-1 Line Item Number / Title: 833020 / National Airspace System						Item Number / Title [DODIC]: - / National Airspace System		

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Program Management Administration Other Government Costs		-	-	0.082	-	-	0.085	-	-	0.094	-	-	0.099	-	-	-	-	-	6.473
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	2.219	-	-	2.717	-	-	2.765	-	-	2.814	-	-	-	-	-	41.181
Gross/Weapon System Cost		-	-	2.219	-	-	2.717	-	-	2.765	-	-	2.814	-	-	-	83,477K	9	751.289

Remarks:

(1) Last Air Force DASR procured in FY11 and last DAAS in FY13. DAAS and DASR site preparation activities commence upon option exercise. DAAS Installation and Check-Out (INCO) is completed approximately one year after option exercise. DASR INCO is completed approximately two years after option exercise.

(2) DAAS Processor and Display procurements mitigate diminishing manufacturing source issues as first NAS production systems were procured in 1998.

(3) Quantity/unit cost data represents the average unit cost per system installation. Due to large cost variances between installations (due to variable equipment quantities and site locations), unit cost data fluctuates between fiscal years.

(4) The funding decrease from FY14 to FY15 reflects reduced program scope as program nears completion and moves toward the sustainment and operations support phase.

(5) On page 6, under Prior Years column, in order to effectively display total program cost, an entry for all previous NAS procurement (1998-2009) was necessary due to lack of individual accounting of procurement, site activation, and program support funding throughout all prior years. From 1998-2009 the following is the breakout of systems procured:

DAAS: 62

DASR: 38

All other prior year column entries reflect data for FY2010/2012.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	7	-	-	-	-	-	-	-	-
	Total Obligation Authority	20.845	7.271	2.177	-	2.177	2.219	2.717	2.765	2.814
AFNG	Quantity	2	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.873	-	-	-	-	-	-	-	-
Total: Secondary Distribution	Quantity	9	-	-	-	-	-	-	-	-
	Total Obligation Authority	22.718	7.271	2.177	-	2.177	2.219	2.717	2.765	2.814

(t) indicates the presence of a P-5a

Footnotes:

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3	P-1 Line Item Number / Title: 833020 / National Airspace System	Item Number / Title [DODIC]: - / National Airspace System
(7) System equipment quantity and configurations are tailored to meet specific site requirements. The result is varying unit cost in all systems.; Option to the Federal Aviation Administration (FAA) Standard Terminal Automated Replacement contract) (DoD Advanced Automation System); FY13 DAASs are systems for stand alone air traffic control towers. The stand alone systems require less hardware and only receive processed data from the radar approach control DAAS which includes the full automationn system. (8) Reference footnote (7) (9) Reference footnote (7) (10) Reference footnote (7) (11) Reference footnote (7) (12) Reference footnote (7)		

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Exhibit P-5a, Procurement History and Planning: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3				P-1 Line Item Number / Title: 833020 / National Airspace System				Item Number / Title [DODIC]: - / National Airspace System				

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revision Available	RFP Issue Date
DAAS (AD) ^(†)		2013 (13)	Raytheon Corp / Marlboro, MA	C / FFP	AFLCMC Hanscom AFB	Jul 2013	Feb 2014	7	936,333.28	Y		
DAAS (ANG) ^(†)		2013 (14)	Raytheon Corp / Marlboro, MA	C / FFP	AFLCMC Hanscom AFB	Jul 2013	Mar 2014	2	936,333.28	Y		

(†) indicates the presence of a P-21

Remarks:

Multiple award and delivery dates to be awarded to existing contracts; award/delivery dates reflect date of first award and delivery.

All contracts are Firm Fixed Price.

Footnotes:

⁽¹³⁾ System equipment quantity and configurations are tailored to meet specific site requirements. The result is varying unit cost in all systems.; Option to the Federal Aviation Administration (FAA) Standard Terminal Automated Replacement System contract (DoD Advanced Automation System). ; FY13 DAASs are systems for stand alone air traffic control towers. The stand alone tower systems require less hardware and only receive processed data from the Radar Approach Control DAAS which includes the full automation system.; FY13 DAAS installs are linked to the FAA Terminal Radar Approach Control (TRACON) equipment upgrade schedule. The FY13 AF DAAS systems are for AF Control Towers which interface with FAA TRACONs rather than an AF RAPCON. Equipment installation cannot be accomplished until the FAA upgrades are completed. As a result of delays to the FAA TRACON equipment upgrades, four of the nine DAASs funded in FY13 cannot be delivered within 12 months of delivery of the first system.

⁽¹⁴⁾ System equipment quantity and configurations are tailored to meet specific site requirements. The result is varying unit cost in all systems.; Option to the Federal Aviation Administration (FAA) Standard Terminal Automated Replacement System contract (DoD Advanced Automation System). ; FY13 DAASs are systems for stand alone air traffic control towers. The stand alone tower systems require less hardware and only receive processed data from the Radar Approach Control DAAS which includes the full automation system.

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Exhibit P-21, Production Schedule: PB 2015 Air Force																				Date: March 2014														
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3										P-1 Line Item Number / Title: 833020 / National Airspace System										Item Number / Title [DODIC]: - / National Airspace System														
Cost Elements (Units in Each)							Fiscal Year 2013													Fiscal Year 2014														
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013													Calendar Year 2014														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
DAAS (AD) ⁽⁷⁾																																		
Prior Years Deliveries: 16																																		
	1	2013	AF		7	-	7										-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	5		
DAAS (ANG) ⁽⁹⁾																																		
Prior Years Deliveries: 2																																		
	2	2013	AF		2	-	2										-	-	-	-	-	-	-	-	1	-	1							-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2015 Air Force																					Date: March 2014													
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3										P-1 Line Item Number / Title: 833020 / National Airspace System											Item Number / Title [DODIC]: - / National Airspace System													
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2015													Fiscal Year 2016														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT				Calendar Year 2015												Calendar Year 2016												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
DAAS (AD) ⁽⁷⁾																																		
Prior Years Deliveries: 16																																		
	1	2013	AF		7	2	5	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	
DAAS (ANG) ⁽⁹⁾																																		
Prior Years Deliveries: 2																																		
	2	2013	AF		2	2	-																										-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2015 Air Force																										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3													P-1 Line Item Number / Title: 833020 / National Airspace System													Item Number / Title [DODIC]: - / National Airspace System									
Cost Elements (Units in Each)							Fiscal Year 2017													Fiscal Year 2018															
							Calendar Year 2017													Calendar Year 2018															
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T TO 1 OCT 2016	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				
DAAS (AD) ⁽⁷⁾																																			
Prior Years Deliveries: 16																																			
1	2013	AF		7	6	1	-	-	-	-	1																						-		
DAAS (ANG) ⁽⁹⁾																																			
Prior Years Deliveries: 2																																			
2	2013	AF		2	2	-	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Production Schedule: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3					P-1 Line Item Number / Title: 833020 / National Airspace System				Item Number / Title [DODIC]: - / National Airspace System			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Raytheon Corp - Marlboro, MA	5.00	24.00	48.00	-	-	-	-	-	10	8	18
2	Raytheon Corp - Marlboro, MA	5.00	24.00	48.00	-	-	-	-	-	10	9	19

Remarks:
As DAAS procurement is reaching completion, annual quantities are below the minimum sustainment rate (last year of Air Force procurement is FY13 - installations complete in FY14).

DoD Advanced Automation System (DAAS) Reserve and Guard deliveries.

Qty	2013	2014	2015	2016	2017	2018	2019
Reserve	1	--	--	--	--	--	--
Guard	1	2	--	--	--	--	--

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
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 Number / Title: 833030 / Battle Control System - Fixed					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	14.494	14.412	2.708	-	2.708	1.699	6.458	4.040	4.113	-	47.924
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	14.494	14.412	2.708	-	2.708	1.699	6.458	4.040	4.113	-	47.924
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	14.494	14.412	2.708	-	2.708	1.699	6.458	4.040	4.113	-	47.924
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description:												
BCS-F supports the NORAD/NORTHCOM homeland defense and air sovereignty mission for fixed Air Defense Sectors.												
1. BATTLE CONTROL SYSTEM-FIXED (BCS-F): BCS-F is a bi-national cooperative program with Canada. The BCS-F program provides a modernized battle management command and control (C2) system with enhanced capability to integrate data from existing and future civil and military defense surveillance systems to include, but not limited to the National Capital Region - Integrated Air Defense System (NCR-IADS), into a comprehensive recognized air picture in support of Operation NOBLE EAGLE and other homeland defense activities. This integrated air picture will enhance North American Aerospace Defense/Combatant Commander capability to conduct peacetime air sovereignty operations and transition to active air defense operations in the event of aggression toward the North American Continent. BCS-F systems serve as Air Force Homeland Defense battle management C2 hubs and integrators for data from radar sensors, data links and supporting communications architecture. Provides the tactical communications and data link capabilities with other military and civil systems responsible for planning, directing, coordinating and controlling forces for air surveillance, air defense, and control of sovereign US air space (including the National Capital Region). BCS-F Increment 3 program ended after reaching full deployment in November 2012. Funding for this exhibit is contained in program element (PE) 0102326F.												
2. NATIONAL CAPITAL REGION - INTEGRATED AIR DEFENSE SYSTEM (NCR-IADS): NCR-IADS provides ground-based air defense of the National Capital Region airspace. NCR-IADS provides an integrated air surveillance picture, fire control quality air picture, ground air defense weapons, enhanced regional situational awareness and forensic data collection capabilities for the warfighter to achieve the Operation NOBLE EAGLE (ONE) mission to protect the National Capital Region (NCR) and its assets. Funding for this exhibit is contained in PE 0102326F.												
3. BATTLE CONTROL SYSTEM MODERNIZATION/SUSTAINMENT: Provides for other procurement activities for the ACAT 3 Modernization program to include Release 3.2.2 and beyond, Tactical Data Link Interface Device (TDLID) replacement, Automatic Dependent Surveillance - Broadcast (ADS-B), Battle Control Center (BCC) Expansion, Sensor Integration and future DMS technical studies. Funding for this exhibit contained in program element (PE) 0102326F.												
In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014										
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 Number / Title: 833030 / Battle Control System - Fixed										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:										
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019										
AF	Quantity	-	-	-	-	-	-	-	-	-										
	Total Obligation Authority	13.500	13.418	1.715	-	1.715	-	-	-	-										
AFNG	Quantity	-	-	-	-	-	-	-	-	-										
	Total Obligation Authority	0.994	0.994	0.993	-	0.993	-	-	-	-										
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-										
	Total Obligation Authority	14.494	14.412	2.708	-	2.708	-	-	-	-										
Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Item - Battle Control System - Fixed	P-5		-	-	-	-	-	14.494	-	-	14.412	-	-	2.708	-	-	-	-	-	2.708
Total Gross/Weapon System Cost			-	-	-	-	-	14.494	-	-	14.412	-	-	2.708	-	-	-	-	-	2.708
*For Items, Title represents the Item Number / Title [DODIC]. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: 1. BCS-F a. BCS-F INC 3 UPGRADES: No FY15 funds requested. b. INTERIM CONTRACTOR SUPPORT (ICS): No FY15 funds requested. c. PROGRAM MANAGEMENT ADMINISTRATION (PMA): No FY15 funds requested. 2. NCR-IADS a. NCR-IADS EVOLUTIONARY UPGRADES: No FY15 funds requested. b. NCR-IADS REPLACEMENT OF EQUIPMENT: FY15 provides for information assurance risk mitigation, hardware, software integration, test, and spares for critical C2 equipment in the NCR-IADS command suite in order to maintain 24/7 operations. 3. BATTLE CONTROL SYSTEM MODERNIZATION/SUSTAINMENT:																				

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 833030 / Battle Control System - Fixed
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
BCS-S EVOLUTIONARY UPGRADES: FY15 funding provides for capital equipment replacement activities which include, but are not limited to, operational replacement of legacy battle management Region Air Operations Center-Air Defense Sector (RAOC-ADS) battle management software and hardware, TDLID replacement, Distributed Mission Operations (DMO), Computer Network Defense Service Provider (CNDSP), and ADS-B, BCC expansion, Sensor Integration and future DMS replacement of other equipment.		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833030 / Battle Control System - Fixed							Item Number / Title [DODIC]: - / Battle Control System - Fixed						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total					
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-		-			
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		14.494		14.412		2.708		-		2.708					
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Net Procurement (P1) <i>(\$ in Millions)</i>					-		14.494		14.412		2.708		-		2.708					
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Total Obligation Authority <i>(\$ in Millions)</i>					-		14.494		14.412		2.708		-		2.708					
(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>(\$ in Millions)</i>					-		-		-		-		-		-		-			
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																				
Recurring Cost																				
BCS-S Evolutionary Upgrades-AD		A	-	-	-	-	-	7.342	-	-	11.652	-	-	1.558	-	-	-	-	-	1.558
NCR-IADS Evolutionary Upgrades		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NCR-IADS Replacement of Equipment (ANG)		A	-	-	-	-	-	0.994	-	-	0.994	-	-	0.993	-	-	-	-	0.993	
PMA- Contractor Services		A	-	-	-	-	-	1.410	-	-	1.766	-	-	0.157	-	-	-	-	0.157	
Subtotal: Recurring Cost			-	-	-	-	-	9.746	-	-	14.412	-	-	2.708	-	-	-	-	2.708	
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	-	-	-	9.746	-	-	14.412	-	-	2.708	-	-	-	-	2.708	
Support - Support Cost Element Category Cost																				
ICS-Labor			-	-	-	-	-	2.695	-	-	-	-	-	-	-	-	-	-	-	
ICS-Material			-	-	-	-	-	2.053	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Support - Support Cost Element Category Cost			-	-	-	-	-	4.748	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost			-	-	-	-	-	14.494	-	-	14.412	-	-	2.708	-	-	-	-	2.708	
Remarks:																				

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Exhibit P-5, Cost Analysis: PB 2015 Air Force				Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3		P-1 Line Item Number / Title: 833030 / Battle Control System - Fixed			Item Number / Title [DODIC]: - / Battle Control System - Fixed	
Prior to FY12, Battle Control Systems-Fixed (BCS-F) and National Capital Region-Integrated Air Defense System (NCR-IADS) procurement funding was located in the Theater Air Control System Improvement (TACSI) P-1 line.						
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	13.500	13.418	1.715	-	1.715
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	0.994	0.994	0.993	-	0.993
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	14.494	14.412	2.708	-	2.708

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 833040 / Theater Air Control Sys Improvements

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	23.452	10.761	50.033	-	50.033	22.860	40.067	9.627	-	-	156.800
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	23.452	10.761	50.033	-	50.033	22.860	40.067	9.627	-	-	156.800
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	23.452	10.761	50.033	-	50.033	22.860	40.067	9.627	-	-	156.800
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

PE 0207412F CONTROL AND REPORTING CENTER (CRC)

CONTROL AND REPORTING CENTER (CRC): The CRC is the low density/high demand (LD/HD) ground-based tactical Command and Control (C2) node [AN/TYQ-23 Operations Module (OM)], remote radar system (AN/TPS-75 radar), Remote Radio Secure Voice Sysem (AN/TRC-215) and datalink system (AN/TSC-147 Joint Tactical Distribution Information System (JTIDS) Module) that supports the warfighter with theater air defense, airspace management, aircraft identification, wide-area surveillance and tactical data link management. This mission is performed on a 24/7/365 schedule in support of deployed theater operations supporting Operation ENDURING FREEDOM, Operation NOBLE EAGLE, and other defense activities such as counter-drug activities, POTUS, and special security events.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.822	9.354	22.522	-	22.522	-	-	-	-
AFNG	Quantity	6	2	13	-	13	-	-	-	-
	Total Obligation Authority	9.630	1.407	27.512	-	27.512	-	-	-	-
Total: Secondary Distribution	Quantity	6	2	13	-	13	-	-	-	-
	Total Obligation Authority	23.452	10.761	50.034	-	50.034	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
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 Number / Title: 833040 / Theater Air Control Sys Improvements										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - Theater Air Control Sys Improvements	P-5		-	-	-	3.909	6	23.452	5.380	2	10.761	3.849	13	50.033	-	-	-	3.849	13	50.033	
Total Gross/Weapon System Cost			-	-	-	-	-	23.452	-	-	10.761	-	-	50.033	-	-	-	-	-	50.033	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0207412F CONTROL AND REPORTING CENTER (CRC) CONTROL AND REPORTING CENTER (CRC): to maintain mission operations, a Service Life Extension Program (SLEP) was initiated for the legacy AN/TYQ-23 OM to ensure it is serviceable until a replacement is operational. Subsequently, a OM Modification program was initiated which expanded upon the V5SLEP effort to provide necessary upgrades and replacement of equipment which were not accounted for under the V5SLEP effort. After market research was conducted for the Command and Control (C2)OM Modification effort, the V5SLEP and OM Modification efforts were consolidated in order to gain cost, schedule, and performance efficiencies. This required a rebaseline of the OM Modification program. Current legacy systems have reached their technical capacity and are slowing the kill chain, as well as increasing the potential for fratricide incidents. The modified AN/TYQ-23 OM will provide a much needed long term persistent air battle management capability; it will also bring enhanced capabilities to the warfighter to rapidly respond to tactical situations, including homeland defense missions, providing tactical air battle C2 and net-centric battlefield management. An additional SLEP is underway for the legacy AN/TPS-75 radar involving the Solid State Modulator and spares to ensure the system is serviceable until Initial Deployment of the Three-Dimensional Expeditionary Long-Range Radar (3DELRR, PE 0207455F) in FY20. The AN/TPS-75 is the USAF's only tactical ground based radar, providing the Joint Forces Air Component Commander (JFACC) with the air track data necessary to plan, manage, and conduct theater air operations. a. CRC EVOLUTIONARY UPGRADES: FY15 activities support more effective C2 capability. Projects include, but are not limited to, the AN/TRC-215 Remote Radio Secure Voice System (RRSVS) and AN/TYQ-23 OM Modification. CRC evolutionary upgrades provide C2 products that more effectively meet the C2 requirements of the warfighter and support the JFACC's ability to conduct theater-wide air battle management. Development funding is in PE 0207412F, Control and Reporting Center (CRC), formerly known as Modular Control System (MCS). Upgrades will accomplish required modifications to the AN/TRC-213 Spiral 3.1, enabling the AN/TRC-215 RRSVS to maintain ability to meet current and planned communications requirements and allow it to serve as the communications subset of any future C2 engine. b. CRC IMPROVEMENTS: FY15 funding provides reliability and maintainability improvements to the legacy AN/TYQ-23 OM, the AN/TPS-75 radar and peripheral equipment, and embedded subsystems including the Solid State Modulator and required spares. Projects within the CRC improvements portfolio include, but are not limited to, the AN/TRC-215 RRSVS, the AN/TYQ-23 C2 OM Modification, the AN/TPS-75 Radar SLEP and the AN/TSC-147 Joint Tactical Information Distribution System (JTIDS) Module (JM). The mod rollup is shown on the P-5. c. INTERIM CONTRACTOR SUPPORT (ICS): FY15 funding provides contractor support for temporary material and asset logistics support to CRC evolutionary upgrades to systems, sub-systems, and support equipment. d. PROGRAM MANAGEMENT ADMINISTRATION (PMA): FY15 funding provides program/engineering support for CRC evolutionary upgrades.																					

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833040 / Theater Air Control Sys Improvements						Item Number / Title [DODIC]: - / Theater Air Control Sys Improvements							
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total					
Procurement Quantity <i>(Units in Each)</i>					-		6		2		13		-		13					
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		23.452		10.761		50.033		-		50.033					
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Net Procurement (P1) <i>(\$ in Millions)</i>					-		23.452		10.761		50.033		-		50.033					
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Total Obligation Authority <i>(\$ in Millions)</i>					-		23.452		10.761		50.033		-		50.033					
(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>(\$ in Millions)</i>					-		3.909		5.380		3.849		-		3.849					
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																				
Recurring Cost																				
AN/TYQ-23 OM Engine Modernization Units Guard	A	-	-	-	-	-	-	-	-	-	2.640	7	18.477	-	-	-	2.640	7	18.477	
AN/TYQ-23 OM Engine Modernization Units Non Guard	A	-	-	-	-	-	-	-	-	-	2.640	3	7.919	-	-	-	2.640	3	7.919	
AN/TRC-215 RRSVS Units Guard	A	-	-	-	2.151	4	8.603	-	-	0.358	1.993	4	7.971	-	-	-	1.993	4	7.971	
AN/TRC-215 RRSVS Units Non Guard	A	-	-	-	2.151	2	4.302	-	-	0.177	1.993	2	3.986	-	-	-	1.993	2	3.986	
AN/TPS-75 SSM Units Guard	A	-	-	-	0.514	2	1.027	0.525	2	1.049	0.532	2	1.064	-	-	-	0.532	2	1.064	
AN/TPS-75 SSM Units Non Guard	A	-	-	-	0.514	6	3.082	0.525	6	3.147	0.532	6	3.192	-	-	-	0.532	6	3.192	
PMA- Contractor Services	A	-	-	-	-	-	1.819	-	-	1.726	-	-	1.931	-	-	-	-	-	1.931	
Subtotal: Recurring Cost		-	-	-	-	-	18.833	-	-	6.457	-	-	44.539	-	-	-	-	-	44.539	
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	18.833	-	-	6.457	-	-	44.539	-	-	-	-	-	44.539	
Support - Support Cost Element Category Cost																				
Support Costs: ICS Labor: OM Mod		-	-	-	-	-	-	-	-	-	-	-	0.694	-	-	-	-	-	0.694	
Support Costs: ICS Labor: CRC		-	-	-	-	-	1.613	-	-	2.454	-	-	2.889	-	-	-	-	-	2.889	

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3						P-1 Line Item Number / Title: 833040 / Theater Air Control Sys Improvements						Item Number / Title [DODIC]: - / Theater Air Control Sys Improvements							

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Direct Mission Support		-	-	-	-	-	3.006	-	-	1.850	-	-	1.911	-	-	-	-	-	1.911
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	4.619	-	-	4.304	-	-	5.494	-	-	-	-	-	5.494
Gross/Weapon System Cost		-	-	-	3.909	6	23.452	5.380	2	10.761	3.849	13	50.033	-	-	-	3.849	13	50.033

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AFNG	Quantity	6	2	13	-	13
	Total Obligation Authority	9.630	1.407	27.512	-	27.512
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	13.822	9.354	22.522	-	22.522
Total: Secondary Distribution	Quantity	6	2	13	-	13
	Total Obligation Authority	23.452	10.761	50.033	-	50.033

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
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 Number / Title: 833070 / Weather Observation Forecast					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements: 0305111F				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	16.637	16.171	16.348	-	16.348	16.806	17.632	18.581	18.910	-	121.085
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	16.637	16.171	16.348	-	16.348	16.806	17.632	18.581	18.910	-	121.085
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	16.637	16.171	16.348	-	16.348	16.806	17.632	18.581	18.910	-	121.085
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: PE 0305111F WEATHER SERVICE CY funding totals include \$1.8M appropriated for Overseas Contingency Operations. The Weather Observation Forecast procurement line acquires meteorological equipment and ground-based space environment sensing systems supporting the global missions of the Air Force (AF), Army, Special Operations Forces (SOF), combatant commands, and other government agencies. Additionally, these funds procure information system equipment for processing, storing, and disseminating weather information for analysis, forecasting, and mission integration at the strategic, operational, and tactical levels. 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 and survivability of Air Force weapon systems and precision munitions by accurately predicting environmental impacts to optimize mission execution and planning, targeting, weaponeering, and battle damage assessment, as well as space systems operations and effectiveness. Program Management Administration costs include Federally Funded Research and Development Centers and Advisory and Assistance Service. AF Weather Weapon System (AFWWS) activities align under four capabilities areas: 1) Weather Data Collection, 2) Weather Data Analysis and Dissemination, 3) Weather Forecasting, and 4) Product Tailoring/ Warfighter Applications. This alignment 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. 1. Weather Data Collection: Provides automated terrestrial and space environmental sensing capabilities at fixed and deployed locations worldwide. The data gathered by multiple sensor systems is exploited for environmental battlespace awareness, characterization, safety of flight, and resource protection. Items A and B (below) were formerly consolidated as "Observing System 21st Century (OS-21)." A. AN/FMQ-23: Fixed automated weather observing system that collects weather elements and formulates aviation surface weather reports. B. Remote Weather Sensor: Micro weather sensor that provides all-weather, unattended, low profile, environmental reconnaissance and reporting.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force												Date: March 2014								
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 Number / Title: 833070 / Weather Observation Forecast											
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:							Other Related Program Elements: 0305111F								
C. Next Generation Ionosonde (NEXION): Commercial off-the-shelf (COTS) vertical incidence radar that obtains measurements of the ionosphere from directly overhead in the medium and high frequency radio bands.																				
D. Portable Doppler Radar (PDR): Transportable doppler weather radar system that automatically sends precipitation and wind products to weather personnel via file transfer protocol.																				
E. Upper Air Sounder--AF Special Operations Command: Provides upper air wind speed and direction data for special operators at deployed locations.																				
F. Laser Range Finder--AF Special Operations Command: Provides cloud height measurements and visibility assessments for special operators at deployed locations.																				
2. Weather Data Analysis and Dissemination: Assimilates worldwide sources of terrestrial and space weather data, produces decision-quality information for warfighters, and disseminates those products to intermediate and end users via a net-centric interface ensuring data integrity and continuity of service. Weather data formats and transmission protocols support DoD's Data Services Environment and Meteorological and Oceanographic Community of Interest objectives for integration into warfighter command and control, mission planning, and modeling and simulation systems. Improved analysis of real-time weather information supports DoD's role in transformation of the National Airspace System through the Next Generation Air Transportation System and enhances Air Force energy security plans. In FY15 AF Weather Web Services moves into this capability area from Weather Forecasting to better align its function of integrating net-centric activities. Additionally, in FY15 procurement activities formerly identified in Weather Data Dissemination, Enterprise Storage Solution and AF Weather Agency Consolidated Network, are included in this capability area.																				
A. Weather Data Analysis (WDA)--Provides atmospheric and space data analysis capabilities within the AF Weather production center to generate products required by AF and Army operational units worldwide.																				
B. Enterprise Storage Solution (ESS)--Provides data storage capabilities supporting production, development, and testing activities within the AF Weather production center.																				
C. AF Weather Agency Consolidated Network (ACN)--Provides network infrastructure for AF Weather production center allowing for transport of data among multiple nodes and classification levels.																				
3. Weather Forecasting: Provides numerical weather prediction, cloud, space environment, and atmospheric constituent (e.g., aerosols) forecast models and other environmental forecast products for worldwide AF, Army, SOF, space, and national intelligence community operational support. Uses high-performance computer servers and high-capacity storage for atmospheric and space weather modeling and worldwide environmental forecast products within DoD Data Center 14866.																				
A. Numerical Weather Modeling (NWM)--Provides atmospheric and space weather modeling and worldwide environmental forecast products supporting military and intelligence operations worldwide.																				
4. Product Tailoring/Warfighter Applications: Provides timely, local and regional target-scale weather information to operational commanders within a given Area of Responsibility and at tactical levels provides front-line weather information to warfighters in support of combat operations. Supports the 'train as you fight' concept by assuring fixed and deployable systems have a similar look and feel.																				
A. Joint Environmental Toolkit (JET)--Provides a standard AF Weather forecaster toolkit to ingest weather data and deliver timely, tailorable, precise weather impacts to the warfighter.																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - FMQ-23	P-5		-	-	-	-	-	2.792	-	-	2.232	-	-	4.034	-	-	-	-	-	4.034
Item - REMOTE	P-5		-	-	-	-	-	-	-	-	0.500	-	-	0.520	-	-	-	-	-	0.520

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force													Date: March 2014							
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 Number / Title: 833070 / Weather Observation Forecast										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0305111F								
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - NEXION	P-5		-	-	-	-	-	2.000	-	-	2.500	-	-	3.000	-	-	-	-	-	3.000
Item - PDR	P-5		-	-	-	-	-	1.191	-	-	-	-	-	-	-	-	-	-	-	-
Item - UPPER AIR SOUNDER	P-5		-	-	-	-	-	-	-	-	1.204	-	-	-	-	-	-	-	-	-
Item - LASER RANGE FINDER	P-5		-	-	-	-	-	-	-	-	0.596	-	-	-	-	-	-	-	-	-
Item - WDA	P-5		-	-	-	-	-	2.700	-	-	1.333	-	-	1.465	-	-	-	-	-	1.465
Item - NWM	P-5		-	-	-	-	-	2.675	-	-	1.795	-	-	0.363	-	-	-	-	-	0.363
Item - JET	P-5		-	-	-	-	-	3.000	-	-	3.736	-	-	3.500	-	-	-	-	-	3.500
Item - ESS	P-5		-	-	-	-	-	1.145	-	-	1.300	-	-	2.570	-	-	-	-	-	2.570
Item - ACN	P-5		-	-	-	-	-	1.134	-	-	0.975	-	-	0.896	-	-	-	-	-	0.896
Total Gross/Weapon System Cost			-	-	-	-	-	16.637	-	-	16.171	-	-	16.348	-	-	-	-	-	16.348
*For Items, Title represents the Item Number / Title [DODIC].																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				

Justification:

PE 0305111F WEATHER SERVICE

1. Weather Data Collection:

A. AN/FMQ-23: 10 fixed units are being acquired in FY15.

B. Remote Weather Sensor: 44 remote units are being acquired in FY15.

C. Next Generation Ionosonde (NEXION): Three NEXION systems will be acquired in FY15.

D. Portable Doppler Radar (PDR): No FY15 funding requested.

E. Upper Air Sounder--AF Special Operations Command: No FY15 funding requested.

F. Laser Range Finder--AF Special Operations Command: No FY15 funding requested.

2. Weather Data Analysis and Dissemination:

A. WDA: FY15 funding will procure computer hardware and associated integration software within DoD Data Centers 14866 and 17036 for database expansion and net-centric delivery of weather data to weather, command and control, and other forces. Additionally, replacement of information system infrastructure will support integration of data from new environmental sensing satellites.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 833070 / Weather Observation Forecast
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0305111F
B. ESS: FY15 funding will procure COTS computer storage hardware and associated equipment to replace technologically obsolete existing equipment for DoD Data Centers 14866 and 17036. C. ACN: FY15 funding will procure COTS computer network hardware and associated equipment to replace technologically obsolete existing equipment for DoD Data Center 14866. 3. Weather Forecasting: A. NWM: FY15 funding will procure computer servers, processors, and high-capacity storage to support advanced scientific numerical weather modeling, and provides a robust infrastructure to enable exploitation of environmental data records from DoD and leveraged satellite sources and improve worldwide forecast capability. 4. Product Tailoring/Warfighter Applications: A. JET: FY15 funding will procure integrated computer hardware and software suites and associated systems interfaces for operational weather support (from DoD Data Centers 14861, 17037, 17038, and 14866) at fixed and deployed AF, Army, and SOF locations in the continental United States and overseas.		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833070 / Weather Observation Forecast						Item Number / Title [DODIC]: - / FMQ-23							
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total					
Procurement Quantity (<i>Units in Each</i>)					-		-		-		-		-		-		-			
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-		2.792		2.232		4.034		-		4.034					
Less PY Advance Procurement (<i>\$ in Millions</i>)					-		-		-		-		-		-		-			
Net Procurement (P1) (<i>\$ in Millions</i>)					-		2.792		2.232		4.034		-		4.034					
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-		-		-		-		-		-		-			
Total Obligation Authority (<i>\$ in Millions</i>)					-		2.792		2.232		4.034		-		4.034					
(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>\$ in Millions</i>)					-		-		-		-		-		-		-			
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																				
Recurring Cost																				
FMQ-23	A	-	-	-	0.250	7	1.750	0.250	4	1.000	0.250	12	3.000	-	-	-	0.250	12	3.000	
Subtotal: Recurring Cost			-	-	-	-	-	1.750	-	-	1.000	-	-	3.000	-	-	-	-	-	3.000
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	-	-	-	1.750	-	-	1.000	-	-	3.000	-	-	-	-	-	3.000
Support - Support Cost Element Category Cost																				
TESTING FMQ-23		-	-	-	-	-	0.057	-	-	0.066	-	-	-	-	-	-	-	-	-	
INTERIM CONTRACTOR SUPPORT LABOR FMQ-23		-	-	-	-	-	0.034	-	-	0.049	-	-	0.100	-	-	-	-	-	0.100	
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES FMQ-23		-	-	-	-	-	0.692	-	-	0.843	-	-	0.643	-	-	-	-	-	0.643	
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES FMQ-23		-	-	-	-	-	0.259	-	-	0.274	-	-	0.291	-	-	-	-	-	0.291	
Subtotal: Support - Support Cost Element Category Cost			-	-	-	-	1.042	-	-	1.232	-	-	1.034	-	-	-	-	-	1.034	
Gross/Weapon System Cost			-	-	-	-	2.792	-	-	2.232	-	-	4.034	-	-	-	-	-	4.034	

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833070 / Weather Observation Forecast							Item Number / Title [DODIC]: - / REMOTE								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-			-			0.500			0.520			-			0.520		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					-			-			0.500			0.520			-			0.520		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					-			-			0.500			0.520			-			0.520		
(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>(\$ in Millions)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)			
Hardware - Hardware Cost Element Category Cost																						
Recurring Cost																						
REMOTE	A	-	-	-	-	-	-	0.010	50	0.500	0.010	44	0.440	-	-	-	0.010	44	0.440			
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	0.500	-	-	0.440	-	-	-	-	-	0.440			
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	-	-	-	0.500	-	-	0.440	-	-	-	-	-	0.440			
Support - Support Cost Element Category Cost																						
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES REMOTE		-	-	-	-	-	-	-	-	-	-	-	0.075	-	-	-	-	-	0.075			
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES REMOTE		-	-	-	-	-	-	-	-	-	-	-	0.005	-	-	-	-	-	0.005			
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	0.080	-	-	-	-	-	0.080			
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	0.500	-	-	0.520	-	-	-	-	-	0.520			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833070 / Weather Observation Forecast							Item Number / Title [DODIC]: - / NEXION					
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity (<i>Units in Each</i>)					-		-		-		-		-		-				
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-		2.000		2.500		3.000		-		3.000				
Less PY Advance Procurement (<i>\$ in Millions</i>)					-		-		-		-		-		-				
Net Procurement (P1) (<i>\$ in Millions</i>)					-		2.000		2.500		3.000		-		3.000				
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-		-		-		-		-		-				
Total Obligation Authority (<i>\$ in Millions</i>)					-		2.000		2.500		3.000		-		3.000				
(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>\$ in Millions</i>)					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
NEXION	A	-	-	-	0.275	2	0.550	0.275	3	0.825	0.275	3	0.825	-	-	-	0.275	3	0.825
Subtotal: Recurring Cost		-	-	-	-	-	0.550	-	-	0.825	-	-	0.825	-	-	-	-	-	0.825
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	0.550	-	-	0.825	-	-	0.825	-	-	-	-	-	0.825
Support - Support Cost Element Category Cost																			
INSTALLATION NEXION		-	-	-	-	-	1.041	-	-	1.256	-	-	1.650	-	-	-	-	-	1.650
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES NEXION		-	-	-	-	-	0.366	-	-	0.369	-	-	0.450	-	-	-	-	-	0.450
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENTS SERVICES NEXION		-	-	-	-	-	0.043	-	-	0.050	-	-	0.075	-	-	-	-	-	0.075
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	1.450	-	-	1.675	-	-	2.175	-	-	-	-	-	2.175
Gross/Weapon System Cost		-	-	-	-	-	2.000	-	-	2.500	-	-	3.000	-	-	-	-	-	3.000

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Exhibit P-5, Cost Analysis: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3			P-1 Line Item Number / Title: 833070 / Weather Observation Forecast			Item Number / Title [DODIC]: - / PDR

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	1.191	-	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	1.191	-	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	1.191	-	-	-	-

(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>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Support - Support Cost Element Category Cost																			
TESTING PDR		-	-	-	-	-	0.085	-	-	-	-	-	-	-	-	-	-	-	-
INTERIM CONTRACTOR SUPPORT LABOR PDR		-	-	-	-	-	1.054	-	-	-	-	-	-	-	-	-	-	-	-
INTERIM CONTRACTOR SUPPORT MATERIAL PDR		-	-	-	-	-	0.052	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	1.191	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	-	-	-	1.191	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833070 / Weather Observation Forecast							Item Number / Title [DODIC]: - / UPPER AIR SOUNDER					
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity (<i>Units in Each</i>)					-		-		-		-		-		-				
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-		-		1.204		-		-		-				
Less PY Advance Procurement (<i>\$ in Millions</i>)					-		-		-		-		-		-				
Net Procurement (P1) (<i>\$ in Millions</i>)					-		-		1.204		-		-		-				
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-		-		-		-		-		-				
Total Obligation Authority (<i>\$ in Millions</i>)					-		-		1.204		-		-		-				
(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>\$ in Millions</i>)					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
UPPER AIR SOUNDER -- AF SPECIAL OPERATIONS COMMAND	A	-	-	-	-	-	-	0.288	3	0.864	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	0.864	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	-	-	-	0.864	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES UPPER AIR SOUNDER		-	-	-	-	-	-	-	-	0.340	-	-	-	-	-	-	-	-	-
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	-	-	-	0.340	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	1.204	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Air Force															Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833070 / Weather Observation Forecast								Item Number / Title [DODIC]: - / LASER RANGE FINDER						
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total	
Procurement Quantity (<i>Units in Each</i>)					-			-			-			-			-			-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-			-			0.596			-			-			-	
Less PY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Net Procurement (P1) (<i>\$ in Millions</i>)					-			-			0.596			-			-			-	
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Total Obligation Authority (<i>\$ in Millions</i>)					-			-			0.596			-			-			-	
(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>\$ in Millions</i>)					-			-			-			-			-			-	
# The FY 2015 OCO Request will be submitted at a later date.																					
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Hardware - Hardware Cost Element Category Cost																					
Recurring Cost																					
LASER RANGE FINDER -- AF SPECIAL OPERATIONS COMMAND	A		-	-	-	-	-	-	0.022	18	0.396	-	-	-	-	-	-	-	-	-	
Subtotal: Recurring Cost			-	-	-	-	-	-	-	-	0.396	-	-	-	-	-	-	-	-	-	
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	-	-	-	-	-	-	0.396	-	-	-	-	-	-	-	-	-	
Support - Support Cost Element Category Cost																					
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES LASER RANGE FINDER			-	-	-	-	-	-	-	-	0.200	-	-	-	-	-	-	-	-	-	
Subtotal: Support - Support Cost Element Category Cost			-	-	-	-	-	-	-	-	0.200	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost			-	-	-	-	-	-	-	-	0.596	-	-	-	-	-	-	-	-	-	

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833070 / Weather Observation Forecast							Item Number / Title [DODIC]: - / WDA					
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		2.700		1.333		1.465		-		1.465				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					-		2.700		1.333		1.465		-		1.465				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					-		2.700		1.333		1.465		-		1.465				
(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>(\$ in Millions)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
WDA	A	-	-	-	2.388	1	2.388	1.114	1	1.114	0.865	1	0.865	-	-	-	0.865	1	0.865
Subtotal: Recurring Cost		-	-	-	-	-	2.388	-	-	1.114	-	-	0.865	-	-	-	-	-	0.865
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	2.388	-	-	1.114	-	-	0.865	-	-	-	-	-	0.865
Support - Support Cost Element Category Cost																			
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES WDA		-	-	-	-	-	0.312	-	-	0.219	-	-	0.580	-	-	-	-	-	0.580
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES		-	-	-	-	-	-	-	-	-	-	-	0.020	-	-	-	-	-	0.020
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	0.312	-	-	0.219	-	-	0.600	-	-	-	-	-	0.600
Gross/Weapon System Cost		-	-	-	-	-	2.700	-	-	1.333	-	-	1.465	-	-	-	-	-	1.465

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3								P-1 Line Item Number / Title: 833070 / Weather Observation Forecast						Item Number / Title [DODIC]: - / NWM							
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total	
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-			2.675			1.795			0.363			-			0.363	
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Net Procurement (P1) <i>(\$ in Millions)</i>					-			2.675			1.795			0.363			-			0.363	
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Total Obligation Authority <i>(\$ in Millions)</i>					-			2.675			1.795			0.363			-			0.363	
(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>(\$ in Millions)</i>					-			-			-			-			-			-	
# The FY 2015 OCO Request will be submitted at a later date.																					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Hardware - Hardware Cost Element Category Cost																					
Recurring Cost																					
NWM	A	-	-	-	2.675	1	2.675	1.795	1	1.795	0.263	1	0.263	-	-	-	0.263	1	0.263		
Subtotal: Recurring Cost		-	-	-	-	-	2.675	-	-	1.795	-	-	0.263	-	-	-	-	-	0.263		
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	2.675	-	-	1.795	-	-	0.263	-	-	-	-	-	0.263		
Support - Support Cost Element Category Cost																					
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES NWM		-	-	-	-	-	-	-	-	-	-	-	0.080	-	-	-	-	-	0.080		
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES NWM		-	-	-	-	-	-	-	-	-	-	-	0.020	-	-	-	-	-	0.020		
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100		
Gross/Weapon System Cost		-	-	-	-	-	2.675	-	-	1.795	-	-	0.363	-	-	-	-	-	0.363		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833070 / Weather Observation Forecast						Item Number / Title [DODIC]: - / JET						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		3.000		3.736		3.500		-		3.500				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					-		3.000		3.736		3.500		-		3.500				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					-		3.000		3.736		3.500		-		3.500				
(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>(\$ in Millions)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
JET	A	-	-	-	2.236	1	2.236	2.855	1	2.855	2.751	1	2.751	-	-	-	2.751	1	2.751
Subtotal: Recurring Cost		-	-	-	-	-	2.236	-	-	2.855	-	-	2.751	-	-	-	-	-	2.751
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	2.236	-	-	2.855	-	-	2.751	-	-	-	-	-	2.751
Support - Support Cost Element Category Cost																			
PROGRAM MANAGEMENT ADMINISTRATION CONTRACTOR SERVICES JET		-	-	-	-	-	0.634	-	-	0.671	-	-	0.557	-	-	-	-	-	0.557
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES JET		-	-	-	-	-	0.130	-	-	0.210	-	-	0.192	-	-	-	-	-	0.192
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	0.764	-	-	0.881	-	-	0.749	-	-	-	-	-	0.749
Gross/Weapon System Cost		-	-	-	-	-	3.000	-	-	3.736	-	-	3.500	-	-	-	-	-	3.500

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833070 / Weather Observation Forecast							Item Number / Title [DODIC]: - / ESS							
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total	
Procurement Quantity (<i>Units in Each</i>)					-			-			-			-			-			-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-			1.145			1.300			2.570			-			2.570	
Less PY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Net Procurement (P1) (<i>\$ in Millions</i>)					-			1.145			1.300			2.570			-			2.570	
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Total Obligation Authority (<i>\$ in Millions</i>)					-			1.145			1.300			2.570			-			2.570	
(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>\$ in Millions</i>)					-			-			-			-			-			-	
# The FY 2015 OCO Request will be submitted at a later date.																					
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Hardware - Hardware Cost Element Category Cost																					
Recurring Cost																					
ESS	A	-	-	-	1.145	1	1.145	1.300	1	1.300	2.540	1	2.540	-	-	-	2.540	1	2.540		
Subtotal: Recurring Cost			-	-	-	-	1.145	-	-	1.300	-	-	2.540	-	-	-	-	-	2.540		
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	-	-	1.145	-	-	1.300	-	-	2.540	-	-	-	-	-	2.540		
Support - Support Cost Element Category Cost																					
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES ESS		-	-	-	-	-	-	-	-	-	-	-	0.030	-	-	-	-	-	0.030		
Subtotal: Support - Support Cost Element Category Cost			-	-	-	-	-	-	-	-	-	-	0.030	-	-	-	-	-	0.030		
Gross/Weapon System Cost			-	-	-	-	1.145	-	-	1.300	-	-	2.570	-	-	-	-	-	2.570		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833070 / Weather Observation Forecast							Item Number / Title [DODIC]: - / ACN					
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity (<i>Units in Each</i>)					-		-		-		-		-		-				
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-		1.134		0.975		0.896		-		0.896				
Less PY Advance Procurement (<i>\$ in Millions</i>)					-		-		-		-		-		-				
Net Procurement (P1) (<i>\$ in Millions</i>)					-		1.134		0.975		0.896		-		0.896				
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-		-		-		-		-		-				
Total Obligation Authority (<i>\$ in Millions</i>)					-		1.134		0.975		0.896		-		0.896				
(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>\$ in Millions</i>)					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
ACN	A	-	-	-	1.134	1	1.134	0.975	1	0.975	0.866	1	0.866	-	-	-	0.866	1	0.866
Subtotal: Recurring Cost		-	-	-	-	-	1.134	-	-	0.975	-	-	0.866	-	-	-	-	-	0.866
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	1.134	-	-	0.975	-	-	0.866	-	-	-	-	-	0.866
Support - Support Cost Element Category Cost																			
PROGRAM MANAGEMENT ADMINISTRATION OTHER GOVERNMENT SERVICES ACN		-	-	-	-	-	-	-	-	-	-	-	0.030	-	-	-	-	-	0.030
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	0.030	-	-	-	-	-	0.030
Gross/Weapon System Cost		-	-	-	-	-	1.134	-	-	0.975	-	-	0.896	-	-	-	-	-	0.896

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
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 Number / Title: 833140 / Strategic Command And Control					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	37.535	22.723	139.984	-	139.984	198.759	54.564	18.420	11.725	-	483.710
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	37.535	22.723	139.984	-	139.984	198.759	54.564	18.420	11.725	-	483.710
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	37.535	22.723	139.984	-	139.984	198.759	54.564	18.420	11.725	-	483.710
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date. Description: The Strategic Command and Control (C2) program procures mission critical communications and computer systems required to ensure the United States has the capability for effective C2 of the New Triad (nuclear, conventional, and missile defense). It procures hardware replacements/upgrades to maintain the only computer systems that produce the Nation's nuclear war plan and performs conventional/ contingency war planning. Also, the program supports life-cycle replacement of outdated and unreliable communications equipment in support of the B-2 program. PE 0101127F - B-2 SQUADRONS: B-2 SUPPORT: The B-2 weapon system relies heavily on C2 equipment to meet its operational capability. Funding is used to replace obsolete computer equipment, backbone infrastructure hardware and software, and long haul communications equipment at the Weapon System Support Center (WSSC) Ground Test Facility (GTF), and contractor software laboratories. This includes COTS items such as computers, displays, printers, disk and tape drives, software (e.g. computer-aided design (CAD) and analysis software) as well as engineering and logistical support. Funds also procure specialized computers that provide on-line access to B-2 aircraft data and low observable analysis capabilities. Unique B-2 security and communication infrastructure needs are also addressed. The B-2 Weapon System Support Center (WSSC) Ground Test Facility (GTF), located at Oklahoma Air Logistics Center, Tinker AFB, OK, supports two critical functions: aircraft software development and maintenance/support, plus systems engineering support for the fielded weapon system. Software maintenance fixes to aircraft systems include flight controls, flight management, navigation systems, weapons/ armament and the defensive management system. These software fixes are accomplished and tested with the use of the WSSC software development system and integration/test laboratory complex by analyzing and designing fixes to the existing aircraft software. The WSSC GTF also provides engineering support with specialized computer systems that provide online access to B-2 aircraft data. This data consists of items such as engineering and organic low observable analysis, manufacturing, aircraft design data used to help solve technical issues on the B-2. Locations where this data is used include Tinker AFB, Whiteman AFB, Wright-Patterson AFB, Northrop-Grumman in Palmdale, CA and forward operating locations (FOL). PE 0101313F - STRATEGIC WAR PLANNING SYSTEM - USSTRATCOM: INTEGRATED STRATEGIC PLANNING AND ANALYSIS NETWORK (ISPAN): The mission of USSTRATCOM is to conduct global operations in coordination with other Combatant Commands, Services, and appropriate U.S. Government agencies to deter and detect strategic attacks against the U.S. and its allies. It provides full-spectrum global strike, and coordinated space, missile defense, and information operations capabilities to meet both deterrent and decisive national security objectives. USSTRATCOM will also provide operational space support, integrated missile defense, global command, control,												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 833140 / Strategic Command And Control
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
communications, computers, intelligence, surveillance, and reconnaissance (C4ISR), and specialized planning expertise to the joint warfighter. ISPAN enables USSTRATCOM to carry out these missions. It is one of the DoD?s most complex, classified, computer-based, mission planning systems and the only national-level force planning system.		
The ISPAN system is comprised of two independent but complementary planning systems; the Mission Planning and Analysis System (MPAS) and the Global Adaptive Planning Collaborative Information Environment (GAP-CIE). MPAS is an automated information system to support Global Strike nuclear and conventional target development and weaponeering. It includes mission planning, analysis, decision support tools and an enterprise database to sustain and support nuclear and conventional strategic war planning. GAP CIE provides web-enabled adaptive planning, rapid distributed course of action development and global situational awareness supporting both contingency and crisis action planning. As a system of systems, ISPAN enables an effects-based approach to planning and operations, cross domain information sharing, while serving multiple planning environments.		
The ISPAN mission system infrastructure capabilities develop, verify, and produce Operational Plan 8010 and support the USSTRATCOM family of plans construct as well as current Concept of Operations. It performs tasks ranging from creating and running courses of action on threat scenarios to providing data for developing bomber aircraft strike mission data in digital and hard copy formats. The ISPAN planning system includes automated data processing equipment (ADPE), multiple networks, unique processes and procedures, software, training, associated deployable and distributed data processing nodes, a test/development environment, and subsidiary systems. The newly modernized system will migrate to the new USSTRATCOM Command and Control Facility.		
ISPAN uses funding to implement a four-year life cycle replacement plan to procure required Commercial Off-The-Shelf (COTS) hardware (e.g. servers, storage devices, workstations, peripherals and other network components). Funding procures mission system infrastructure, architecture, and related support components. This includes replenishment hardware and software for an operational capability lab environment to certify ISPAN applications for operational use. In some instances the hardware must be combined with commercially available software to form unique planning and networking environments. The program's life cycle hardware replacement plan follows industry standards and is used to eliminate the peaks and valleys associated with maintaining compatibility with the fast moving COTS hardware technology improvement cycle. It also allows the program to better utilize existing manpower to install and configure the new hardware to provide an incremental and efficient update of critical infrastructure components as they become obsolete. Hardware and software procured within the program is used to support all increments of the overarching ISPAN program.		
The Strategic Command and Control (C2) program procures mission critical communications and computer systems required to ensure the United States has the capability for effective C2 of the New Triad (nuclear, conventional and missile defense). It procures hardware replacements/upgrades to maintain the only computer systems that produce the Nation's nuclear war plan and performs conventional/contingency war planning.		
PE 0303255F - COMMAND, CONTROL, COMMUNICATION AND COMPUTERS (C4) STRATCOM:		
NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES): NPES is the single, survivable national C2 automated information system (AIS) supporting the President, Secretary of Defense, Joint Staff, and nuclear Combatant Commanders in the transition/post phases of nuclear conflict. The requirement includes NPES communication systems and operational server integration with fixed command centers, distributed sites, and mobile platforms (USNORTHCOM's Mobile Consolidated Command Center, Navy E-6B Airborne National Command Post, Air Force E-4B National Airborne Operations Center). NPES is a joint program with the Air Force assigned lead service responsibilities. Programmed funds support the integration of an upgraded communication interface, new test suites, and deployable ruggedized prototypes for the mobile platforms. They also support the technical refresh of all NPES fixed and mobile sites and the migration of them into a net centric environment.		
C2 MODERNIZATION: USSTRATCOM and Air Force Space Command C2 modernization programs provide the infrastructure and hardware to acquire, process, and deliver information, as needed, to enhance decision making. This employs a set of underlying information services, technologies, and tools that enable the Commander of USSTRATCOM to achieve the broad operational warfighting capabilities described in the 2002 Unified Command Plans (UCP) with changes 1 and 2. The USSTRATCOM's C2 modernization program adds capability as it builds to a final architecture. The cyber architecture is a collection of distributed databases and applications, integrated through a grid of supporting services. In addition to C2 Modernization, Nuclear Deterrence Operations activities/funding are included within the scope of this effort.		
FORCE SURVIVABILITY, ANALYSIS, AND MANAGEMENT SYSTEM (FSAM): FSAM is a decision support system and is designed to provide the commander with Force Management (pre attack) and Force Survival (post attack) information needed to ensure survival of strategic forces. FSAM provides the commander vital decision making data by correlating strategic force status reported by Force Status Reporting (FSR) with missile attack warning information. FSAM replaces the Force Management/Force Survival capabilities of the Strategic Threat Analysis and Reporting System (STARS). Processing and Display Subsystem - Migration (PDS-M) will continue to provide the commander with missile attack warning information. There is no change to this effort.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
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 Number / Title: 833140 / Strategic Command And Control											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
DISTRIBUTIVE COMMAND AND CONTROL NODE (DC2N): The Combatant Commander's DC2N program provides contingency reconstitution and continuity of national command capabilities to accomplish directed Combatant Commander missions in the event primary C2 facilities are incapacitated. Funding will procure COTS backbone network components; satellite, line-of-sight and terrestrial communications systems; message distribution system components; battle staff work station components; and High Altitude Electromagnetic Pulse (HEMP) protection for both ground and maritime sites/nodes. Replacement components and spare parts will ensure COTS products remain fully mission capable and technologically current (within the manufacturer recommended end of life cycle). The Data Federation & Synchronization (DF&S) backup server effort will purchase capabilities that will reside throughout undisclosed locations. This is in cooperation with DISA and OSD Policy.																					
USSTRATCOM Replacement Facility Fit-Out: USSTRATCOM is tasked with the vital roles of strategic deterrence, space operations, and cyberspace operations in our nation's defense. Nuclear, space, and network command and control operations require secure and survivable infrastructure. The facility must include secure High-Altitude Electromagnetic Pulse (HEMP) Shielded Command and Control Center, mainframe computer data centers, multiple 24/7 mission operations centers, storage and maintenance areas, labs/workrooms, back-up generators, Uninterruptible Power Source, Technical Control Facility, Fiber Ring.																					
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - B-2 Weapon System Support Center (WSSC) Hardware	P-40a	A	-	-	-	0.596	1	0.596	0.649	1	0.649	0.495	1	0.495	-	-	-	0.495	1	0.495	
Item - Sub-Total Integrated Strategic Planning and Analysis Network	P-40a	A	-	-	-	0.024	375	9.146	0.689	16	11.023	-	-	-	-	-	-	-	-	-	
Item - Distributive C2 Nodes (PE 030159F	P-40a	A	-	-	-	-	-	8.700	-	-	-	-	-	-	-	-	-	-	-	-	
Item - Subtotal Nuclear Planning and Execution System (NPES) ⁽¹⁾	P-40a	A	-	-	-	0.185	14	2.586	0.090	30	2.700	0.300	8	2.397	-	-	-	0.300	8	2.397	
Item - Subtotal Command and Control Modernization (C2 Mod) ⁽²⁾	P-40a	A	-	-	-	3.747	2	7.494	0.505	1	0.505	3.557	3	10.671	-	-	-	3.557	3	10.671	
Item - Sub-Total Force Survivability Analysis & Management (FSAM) ⁽³⁾	P-40a	A	-	-	-	3.081	1	3.081	2.810	1	2.810	1.284	1	1.284	-	-	-	1.284	1	1.284	
Item - Sub-Total Distributive Command and Control Node (DC2N)	P-40a	A	-	-	-	5.932	1	5.932	5.036	1	5.036	1.659	1	1.659	-	-	-	1.659	1	1.659	
Item - Sub-Total USSTRATCOM Replacement Facility Fit-Out	P-40a	A	-	-	-	-	-	-	-	-	-	15.435	8	123.478	-	-	-	15.435	8	123.478	
Total Gross/Weapon System Cost			-	-	-	-	-	37.535	-	-	22.723	-	-	139.984	-	-	-	-	-	139.984	
*For Items, Title represents the Item Number / Title [DODIC].																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 833140 / Strategic Command And Control
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: PE 0101127F B-2 SQUADRONS B-2 SUPPORT: FY15 funding continues the replacement of obsolete computer equipment, backbone infrastructure hardware and software, and long haul communications equipment at the Weapon System Support Center (WSSC) Ground Test Facility (GTF) and contractor software laboratories. Hardware and software purchased include COTS items such as uninterruptible power supplies, computers, displays, printers, disk and tape drives, software and installation and support services. PE 0101313F STRATEGIC WAR PLANNING SYSTEM - USSTRATCOM INTEGRATED STRATEGIC PLANNING AND ANALYSIS NETWORK (ISPAN): FY15 (and all future years) funding for this effort is being requested within Line Item 833560, Integrated Strategic Planning and Analysis Network. PE 0303159F: DISTRIBUTIVE COMMAND AND CONTROL NODE (DC2N) No FY15 Funding Requested. Beginning in FY14 funding is captured under PE 0303255F PE 0303255F COMMAND, CONTROL, COMMUNICATION AND COMPUTER (C4) - STRATCOM: NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES): FY15 funding procures hardware for the Fact-of-Life (FoL) modernization of the NPES development environment to support the DoD migration into the X86 environment. Hardware procurement will also support mobile platforms as we introduce X86 blades to the platform server configuration. C2 MODERNIZATION: FY 15 activities include continued phased upgrade of the full C2 LAN Back Up and Recovery System, upgrade of the Mass Storage appliances on the C2 LAN and the Top Secret LAN, and ongoing spiral development. FORCE SURVIVABILITY, ANALYSIS, AND MANAGEMENT (FSAM). FY15 funding continues the FSAM hardware/software Evolutionary software enhancements and upgrade of the Mission Critical decision making tools of Force Status Readiness, and Force Protection applications that feed FSAM. DISTRIBUTIVE COMMAND AND CONTROL NODE (DC2N): FY15 funding procures system Information Technology (IT) hardware components, to support Data Federation and Synchronization activities. Hardware procurement will also support continued enterprise connectivity of DC2N nodes to multiple mission enterprise systems. USSTRATCOM Replacement Facility: USSTRATCOM Replacement Facility: FY15 will focus on five major areas: 1) Procurement of equipment such as crypto gear; Network/Communications, Server/Client/ Data Center, Command and Control mission systems hardware and software to implement the new Command and Control Facility infrastructure; 2) Head end security equipment, switches, routers and displays for intrusion detection systems, access control system, and closed circuit television system; 3) Procurement of uninterruptable powers systems; 4) Completion of the Fiber Ring (the backbone manhole duct system) transition from a copper to fiber infrastructure. These fiber cables are critical in providing reliable secure and non-secure voice/data/video to the Command; and, 5) Procurement of the cabling, racks, cabinets, and associated power distribution units (PDUs) in data centers, telecom closets, and technical control facility, backbone premise cabling (Single Mode including vertical), horizontal premise cabling and zone distribution boxes (Multimode), wireless infrastructure, and end user VOIP cabling for the communications network. Footnotes: (1) Unit cost delta is a result of variances in system specifications. (2) Reference footnote (1)		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 833140 / Strategic Command And Control
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
⁽³⁾ Reference footnote (1)		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3					P-1 Line Item Number / Title: 833140 / Strategic Command And Control										Aggregated Items Title: Strategic Command And Control					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
B-2 Weapon System Support Center (WSSC) Hardware	A		-	-	-	0.596	1	0.596	0.649	1	0.649	0.495	1	0.495	-	-	-	0.495	1	0.495
Subtotal: Uncategorized			-	-	-	-	-	0.596	-	-	0.649	-	-	0.495	-	-	-	-	-	0.495
Total			-	-	-	-	-	0.596	-	-	0.649	-	-	0.495	-	-	-	-	-	0.495

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3					P-1 Line Item Number / Title: 833140 / Strategic Command And Control										Aggregated Items Title: Strategic Command And Control					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Sub-Total Integrated Strategic Planning and Analysis Network	A		-	-	-	0.024	375	9.146	0.689	16	11.023	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	0.000	-	-	9.146	-	-	11.023	-	-	-	-	-	-	-	-	-
Total			-	-	0.000	-	-	9.146	-	-	11.023	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3									P-1 Line Item Number / Title: 833140 / Strategic Command And Control							Aggregated Items Title: Distributive Command and Control Nodes (DC2N) System					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
Distributive C2 Nodes (PE 030159F)	A		-	-	-	-	-	8.700	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	8.700	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	8.700	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3						P-1 Line Item Number / Title: 833140 / Strategic Command And Control									Aggregated Items Title: Strategic Command And Control					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Subtotal Nuclear Planning and Execution System (NPES) ⁽¹⁾	A		-	-	-	0.185	14	2.586	0.090	30	2.700	0.300	8	2.397	-	-	-	0.300	8	2.397
Subtotal Command and Control Modernization (C2 Mod) ⁽²⁾	A		-	-	-	3.747	2	7.494	0.505	1	0.505	3.557	3	10.671	-	-	-	3.557	3	10.671
Sub-Total Force Survivability Analysis & Management (FSAM) ⁽³⁾	A		-	-	-	3.081	1	3.081	2.810	1	2.810	1.284	1	1.284	-	-	-	1.284	1	1.284
Sub-Total Distributive Command and Control Node (DC2N)	A		-	-	-	5.932	1	5.932	5.036	1	5.036	1.659	1	1.659	-	-	-	1.659	1	1.659
Sub-Total USSTRATCOM Replacement Facility Fit-Out	A		-	-	-	-	-	-	-	-	-	15.435	8	123.478	-	-	-	15.435	8	123.478
Subtotal: Uncategorized			-	-	0.000	-	-	19.093	-	-	11.051	-	-	139.489	-	-	-	-	-	139.489
Total			-	-	0.000	-	-	19.093	-	-	11.051	-	-	139.489	-	-	-	-	-	139.489

Footnotes:

⁽¹⁾ Unit cost delta is a result of variances in system specifications.

⁽²⁾ Reference footnote (1)

⁽³⁾ Reference footnote (1)

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
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 Number / Title: 833160 / Cheyenne Mountain Complex					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	13.679	23.431	20.101	-	20.101	36.426	28.857	29.327	29.851	-	181.672
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	13.679	23.431	20.101	-	20.101	36.426	28.857	29.327	29.851	-	181.672
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	13.679	23.431	20.101	-	20.101	36.426	28.857	29.327	29.851	-	181.672
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: Cheyenne Mountain Complex (CMC) systems provide real-time ballistic missile warning, air defense, force management, battle management and command, control and communications for the North American Air Defense (NORAD) missions. PE 0305903F - COCOM MOBILE COMMAND AND CONTROL CENTERS (MCCCs) Modification for the COMBATANT COMMANDER (COCOM), MOBILE CONSOLIDATED COMMAND CENTER (MCCC): The COCOM's MCCC provides contingency reconstitution and continuity of command capabilities to accomplish directed national level and COCOM missions in the event primary command and control facilities are incapacitated. It provides a survivable and endurable command, control, communications, computers, and intelligence (C4I) capability accomplishing directed COCOM missions. The MCCC provides C4I for National, Homeland Support/Homeland Defense (HLS/HLD) and U.S. Northern Command (USNORTHCOM). PE 0305906F - NCMC - TW/AA SYSTEM Modification for NORAD CHEYENNE MOUNTAIN COMPLEX-INTEGRATED TACTICAL WARNING/ATTACK ASSESSMENT(NCMC-ITW/AA) SYSTEMS: These systems integrate and correlate missile launch, space object orbit, and air surveillance information to assess the nature of an enemy attack and issue warnings to the President of the United States, the Prime Minister of Canada, United States Secretary of Defense and warfighting Combatant Commanders (C2). Funding procures form, fit, function replacement for reliability and maintainability of the information systems hardware and associated systems software for Cheyenne Mountain operating locations to include legacy space defense systems at Vandenberg AFB, CA and remote interfacing sites essential for executing US Strategic Command, NORAD, Joint Force Component Commander (JFCC) space missions exercised in the Cheyenne Mountain Complex (CMC), Joint Space Program Operations Center (JSpOC), and forward operating locations.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
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 Number / Title: 833160 / Cheyenne Mountain Complex									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
P-3a - 1 / Mod - Mobile Consolidated Command Center Modification	P-3a		-	-	-	-	-	7.100	-	-	6.292	-	-	5.551	-	-	-	-	-	5.551	
P-3a - 001 / Core C2 Enterprise Network Infrastructure and Mission Equipment	P-3a		-	-	-	-	-	6.579	-	-	17.139	-	-	14.550	-	-	-	-	-	14.550	
Total Gross/Weapon System Cost			-	-	-	-	-	13.679	-	-	23.431	-	-	20.101	-	-	-	-	-	20.101	
*For the P-3a, Title represents the Modification Number / Title. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: Where applicable, justification for individual modifications is provided in the P-3A exhibits.																					

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3		P-1 Line Item Number / Title: 833160 / Cheyenne Mountain Complex			Modification Number / Title: 1 / Mod - Mobile Consolidated Command Center Modification	
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	7.100	6.292	5.551	-	5.551
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	7.100	6.292	5.551	-	5.551
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	7.100	6.292	5.551	-	5.551
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date.						
Description: COMBATANT COMMANDER (COCOM), MOBILE CONSOLIDATED COMMAND CENTER (MCCC): The COCOM's MCCC provides a survivable and endurable command, control, communications, computers, and intelligence (C4I) capability accomplishing directed COCOM missions. The MCCC provides C4I for National, Homeland Support/Homeland Defense (HLS/HLD) and USNORTHCOM. MCCC modification includes MCCC shelters and incorporating C4I system capabilities via Information Technology and Communication projects; ensuring the platform's ability to rapidly deploy, setup and operate. Funding procures form, fit, function projects to include but not be limited to: Message Injection System Project, Platform data processing virtualization, Multi-level security for data processing, Command Post Terminal Integration, MCCC shelter physical updates, System Integration Laboratory (SIL) functional compatibility Project. Funding for this effort is in program element 0305903F and is funded IAW full funding policy.						
Milestone/Development Status						
Sustainment						

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3		P-1 Line Item Number / Title: 833160 / Cheyenne Mountain Complex			Modification Number / Title: 1 / Mod - Mobile Consolidated Command Center Modification	
Models of Systems Affected: Other Mods		Modification Type: Capability Improvement			Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
Modification Item 1 of 1: MCCC						
B Kits						
Recurring						
MCCC:EQUIPMENT Group B (Active)	- / -	1 / 5.680	1 / 5.034	1 / 4.441	- / -	1 / 4.441
Subtotal: Recurring	- / -	- / 5.680	- / 5.034	- / 4.441	- / -	- / 4.441
Subtotal: MCCC	- / -	- / 5.680	- / 5.034	- / 4.441	- / -	- / 4.441
Subtotal: Procurement, All Modification Items	- / -	- / 5.680	- / 5.034	- / 4.441	- / -	- / 4.441
Installation						
Modification Item 1 of 1: MCCC						
Subtotal: Installation						
	- / -	1 / 1.420	1 / 1.258	1 / 1.110	- / -	1 / 1.110
Subtotal: Installation	- / -	1 / 1.420	1 / 1.258	1 / 1.110	- / -	1 / 1.110
Total						
Total Cost (Procurement + Support + Installation)	-	7.100	6.292	5.551	-	5.551

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Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3				P-1 Line Item Number / Title: 833160 / Cheyenne Mountain Complex				Modification Number / Title: 1 / Mod - Mobile Consolidated Command Center Modification					
Modification Item 1 of 1: MCCC													
Modification Item MDAP/MAIS Code:													
Manufacturer Information													
Manufacturer Name: L-3 National Security Solution, Inc					Manufacturer Location: Albuquerque, NM								
Administrative Leadtime (<i>in Months</i>): 2					Production Leadtime (<i>in Months</i>): 9								
Dates		FY 2013			FY 2014			FY 2015					
Contract Dates		Dec 2012			Dec 2013			Dec 2014					
Delivery Dates		Sep 2013			Sep 2014			Sep 2015					
Installation Information													
Method of Implementation: Contract Field Team													
Installation Cost		Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Prior Years		- / -		- / -		- / -		- / -		- / -		- / -	
FY 2013		- / -		1 / 1.420		- / -		- / -		- / -		- / -	
FY 2014		- / -		- / -		1 / 1.258		- / -		- / -		- / -	
FY 2015		- / -		- / -		- / -		1 / 1.110		- / -		1 / 1.110	
Total		- / -		1 / 1.420		1 / 1.258		1 / 1.110		- / -		1 / 1.110	
Installation Schedule													
	PYS	FY 2013				FY 2014				FY 2015			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
In	0	-	-	1	-	-	-	1	-	-	-	1	-
Out	0	-	-	-	1	-	-	-	1	-	-	-	1

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3		P-1 Line Item Number / Title: 833160 / Cheyenne Mountain Complex			Modification Number / Title: 001 / Core C2 Enterprise Network Infrastructure and Mission Equipment	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	6.579	17.139	14.550	-	14.550
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	6.579	17.139	14.550	-	14.550
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	6.579	17.139	14.550	-	14.550
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:
 Funding procures form, fit, function replacement for reliability and maintainability of the information systems hardware and associated systems software for the NCMC/ITW/AA system. This system is a C2 enterprise of various critical information technology systems comprised of communications processors, network devices, C2 services, workstations, databases, and intelligence sources that are integrated to provide the means to assess an enemy attack. The enterprise consists of two major components: mission systems (air, missile and space) and network/infrastructure systems. Mission systems include all sub-systems within the sensor-to-operator messaging string (message processing, database, communications processing systems (including Sensors and Correlation Centers), C2 services, workstations, Space Defense Operations Center (SPADOC), Space Data Server (SDS), Single Integrated Space Picture (SISP), Deconfliction (DECON), Cheyenne Mountain Complex (CMC) Message Processor (CMP), and intelligence sources). Network/infrastructure systems include but are not limited to those sub-systems that provide the fabric for the mission systems to operate within operational and security parameters such as system operations servers, security servers, backup systems, network infrastructure, support systems software and independent test systems. Funding for these efforts are in PE 0305906F and are IAW full funding policy.

Milestone/Development Status

Sustainment.

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3		P-1 Line Item Number / Title: 833160 / Cheyenne Mountain Complex			Modification Number / Title: 001 / Core C2 Enterprise Network Infrastructure and Mission Equipment	
Models of Systems Affected: Other Mods		Modification Type: Capability Improvement			Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
Modification Item 1 of 1: Core C2 Enterprise Network Infrastructure and Mission Systems						
B Kits						
Recurring						
Core C2 Enterprise Network Infrastructure and Mission Systems: EQUIPMENT Group B (Active)	- / -	1 / 5.263	1 / 13.711	1 / 11.640	- / -	1 / 11.640
Subtotal: Recurring	- / -	- / 5.263	- / 13.711	- / 11.640	- / -	- / 11.640
Subtotal: Core C2 Enterprise Network Infrastructure and Mission Systems	- / -	- / 5.263	- / 13.711	- / 11.640	- / -	- / 11.640
Subtotal: Procurement, All Modification Items	- / -	- / 5.263	- / 13.711	- / 11.640	- / -	- / 11.640
Installation						
Modification Item 1 of 1: Core C2 Enterprise Network Infrastructure and Mission Systems						
	- / -	1 / 1.316	1 / 3.428	1 / 2.910	- / -	1 / 2.910
Subtotal: Installation	- / -	1 / 1.316	1 / 3.428	1 / 2.910	- / -	1 / 2.910
Total						
Total Cost (Procurement + Support + Installation)	-	6.579	17.139	14.550	-	14.550

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Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3				P-1 Line Item Number / Title: 833160 / Cheyenne Mountain Complex				Modification Number / Title: 001 / Core C2 Enterprise Network Infrastructure and Mission Equipment					
Modification Item 1 of 1: Core C2 Enterprise Network Infrastructure and Mission Systems													
Modification Item MDAP/MAIS Code:													
Manufacturer Information													
Manufacturer Name: Lockheed Martin					Manufacturer Location: Colorado Springs, CO								
Administrative Leadtime (in Months): 2					Production Leadtime (in Months): 6								
Dates		FY 2013			FY 2014			FY 2015					
Contract Dates		Dec 2012			Dec 2013			Dec 2014					
Delivery Dates		Jun 2013			Jun 2014			Jun 2015					
Installation Information													
Method of Implementation: Combination													
Installation Cost		Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Prior Years		- / -		- / -		- / -		- / -		- / -		- / -	
FY 2013		- / -		1 / 1.316		- / -		- / -		- / -		- / -	
FY 2014		- / -		- / -		1 / 3.428		- / -		- / -		- / -	
FY 2015		- / -		- / -		- / -		1 / 2.910		- / -		1 / 2.910	
Total		- / -		1 / 1.316		1 / 3.428		1 / 2.910		- / -		1 / 2.910	
Installation Schedule													
	PYS	FY 2013				FY 2014				FY 2015			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
In	0	-	-	1	-	-	-	1	-	-	-	1	-
Out	0	-	-	-	1	-	-	-	1	-	-	-	1

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014										
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 Number / Title: 833380 / Tac Signit Spt													
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:												
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	0.208	0.217	-	-	-	-	-	-	-	-	0.425								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	-	0.208	0.217	-	-	-	-	-	-	-	-	0.425								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	-	0.208	0.217	-	-	-	-	-	-	-	-	0.425								
<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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
# The FY 2015 OCO Request will be submitted at a later date.																				
Description: PE 0208288F INTEL DATA APPLICATION CONSTANT WEB: Constant Web is a database developed by the US Air Force's Intelligence Surveillance and Reconnaissance Agency (AFISRA) that contains information on both hostile and friendly C3 networks, units, and installations. It also provides limited criticality assessments of C3 elements.																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - CONSTANT WEB SIGNALS INTELLIGENCE EQUIPMENT	P-40a	A	-	-	-	-	-	0.208	-	-	0.217	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			-	-	-	-	-	0.208	-	-	0.217	-	-	-	-	-	-	-	-	-
*For Items, Title represents the Item Number / Title [DODIC].																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: PE 0208288F INTEL DATA APPLICATION																				

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 833380 / Tac Signit Spt
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
CONSTANT WEB: FY15 funding procures equipment to support ground processing functions associated with airborne operations.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3						P-1 Line Item Number / Title: 833380 / Tac Signit Spt						Aggregated Items Title: Tac Signit Spt									
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
CONSTANT WEB SIGNALS INTELLIGENCE EQUIPMENT	A		-	-	-	-	-	0.208	-	-	0.217	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	0.208	-	-	0.217	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	0.208	-	-	0.217	-	-	-	-	-	-	-	-	-	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014			
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 Number / Title: 833440 / Drug Interdiction Spt						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	14.303	-	-	-	-	-	-	-	-	-	14.303	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	-	14.303	-	-	-	-	-	-	-	-	-	14.303	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	-	14.303	-	-	-	-	-	-	-	-	-	14.303	
<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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] The FY 2015 OCO Request will be submitted at a later date.													
Description: PE 0201110F DRUG INTERDICTION SUPPORT The FY13 funding supported drug interdiction and counter-drug activities.													

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Drug Interdiction Support (PE 0201110F)	P-40a	A	-	-	-	-	-	14.303	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			-	-	-	-	-	14.303	-	-	-	-	-	-	-	-	-	-	-	-

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification: PE 0201110F DRUG INTERDICTION SUPPORT	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833440 / Drug Interdiction Spt							Aggregated Items Title: Drug Interdiction Spt						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Drug Interdiction Support (PE 0201110F)	A		-	-	-	-	-	14.303	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	14.303	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	14.303	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
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 Number / Title: 833560 / Integrated Strat Plan & Analy Network (ISPAN)					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	-	-	9.060	-	9.060	9.660	9.484	9.247	9.127	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	-	-	9.060	-	9.060	9.660	9.484	9.247	9.127	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	-	-	9.060	-	9.060	9.660	9.484	9.247	9.127	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: INTEGRATED STRATEGIC PLANNING AND ANALYSIS NETWORK (ISPAN): The mission of USSTRATCOM is to conduct global operations in coordination with other Combatant Commands, Services, and appropriate U.S. Government agencies to deter and detect strategic attacks against the U.S. and its allies. It provides full-spectrum global strike, and coordinated space, missile defense, and information operations capabilities to meet both deterrent and decisive national security objectives. USSTRATCOM will also provide operational space support, integrated missile defense, global command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR), and specialized planning expertise to the joint warfighter. ISPAN enables USSTRATCOM to carry out these missions. It is one of DoD's most complex classified computer systems and the only national force level planning system. The ISPAN program is comprised of two independent but complementary planning systems; the Mission Planning and Analysis System (MPAS) and the Global Adaptive Planning Collaborative Information Environment (GAP-CIE). MPAS is an automated information system to support Global Strike nuclear and conventional target development and weaponizing. MPAS includes Mission Planning, Analysis, and Decision Support tools and an Enterprise Database to sustain and support nuclear and conventional strategic war planning. GAP-CIE provides web-enabled adaptive planning, rapid distributed Course of Action (COA) development and global situational awareness supporting both contingency and crisis planners. ISPAN enables an effects-based approach to planning and operations; cross domain information sharing; and serves multiple planning environments. It develops, verifies, and produces Operational Plan (OPLAN) 8010. It also supports the USSTRATCOM family of plans construct and current Concept of Operations. The system performs tasks ranging from creating and running Courses of Action (COAs) on threat scenarios to providing data for developing bomber aircraft crew strike mission data in digital and hard copy formats. It includes automated data processing equipment (ADPE), multiple networks, unique processes and procedures, software, training, associated deployable and distributed data processing nodes, a test/development environment, and subsidiary systems. The system will migrate to the new USSTRATCOM Command and Control Facility. ISPAN uses a four-year life-cycle replacement plan to procure required Commercial Off-The-Shelf (COTS) hardware (e.g. servers, storage devices, workstations, peripherals and other network components). In some instances the hardware must be combined with commercially available software to form unique planning environments. The programs life cycle replacement plan for hardware follows industry standards and is used to eliminate the peaks and valleys associated with maintaining compatibility with the fast moving COTS hardware technology improvement cycle. It also allows the program to better utilize existing manpower to install and configure the hardware systems to provide an incremental and efficient replacement of critical infrastructure components as they become obsolete. Hardware and software procured within the program is used to support all ISPAN program increments. Funding for this exhibit is contained in Program Element 0101313F. FY14 and Prior-Year funding for ISPAN was requested in Line Item #22, 833140, Strategic Command and Control.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014									
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 Number / Title: 833560 / Integrated Strat Plan & Analy Network (ISPAN)									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									

This is not a new start and is a budget realignment only.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - End-point Computing Devices	P-40a	A	-	-	-	-	-	-	-	-	-	0.782	1	0.782	-	-	-	0.782	1	0.782
Item - MPAS Virtual Server Technology	P-40a	A	-	-	-	-	-	-	-	-	-	1.000	1	1.000	-	-	-	1.000	1	1.000
Item - ISPAN B-Network	P-40a	A	-	-	-	-	-	-	-	-	-	0.300	1	0.300	-	-	-	0.300	1	0.300
Item - ISPAN Security Enclaves (SIPR, TS/C, & JWICS)	P-40a	A	-	-	-	-	-	-	-	-	-	0.250	1	0.250	-	-	-	0.250	1	0.250
Item - ISPAN Virtual Data Storage System	P-40a	A	-	-	-	-	-	-	-	-	-	0.400	1	0.400	-	-	-	0.400	1	0.400
Item - ISPAN Systems at Geographically Separated Location(s)	P-40a	A	-	-	-	-	-	-	-	-	-	0.550	2	1.100	-	-	-	0.550	2	1.100
Item - Cross Domain Guard Solution	P-40a	A	-	-	-	-	-	-	-	-	-	0.500	1	0.500	-	-	-	0.500	1	0.500
Item - ISPAN Network Systems	P-40a	A	-	-	-	-	-	-	-	-	-	0.250	1	0.250	-	-	-	0.250	1	0.250
Item - ISPAN Systems for Off-Site Developers (GFE)	P-40a	A	-	-	-	-	-	-	-	-	-	0.400	2	0.800	-	-	-	0.400	2	0.800
Item - Program Management Administration (Government Cost)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	0.060	-	-	-	-	-	0.060
Item - Program Management Administration (Contractor Services)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	0.195	-	-	-	-	-	0.195
Item - USSTRATCOM C2 Building Hardware & Networks	P-40a	A	-	-	-	-	-	-	-	-	-	3.423	1	3.423	-	-	-	3.423	1	3.423
Total Gross/Weapon System Cost			-	-	0.000	-	-	-	-	-	-	-	-	9.060	-	-	-	-	-	9.060

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 833560 / Integrated Strat Plan & Analy Network (ISPAN)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
FY15 funding continues the life-cycle procurement of commercial-based hardware and software components for the ISPAN mission system which consists of the Mission Planning and Analysis System (MPAS) and the Global Adaptive Planning Collaborative Information Environment (GAP CIE) efforts. Funding procures mission system infrastructure, architecture, and related support components. This includes replenishment hardware and software for an operational capability lab environment to certify ISPAN applications for operational use. Funding also provides a secure cross-domain security solution capability to enable automated data transfers between multi-level networks supporting planners worldwide on multiple enclaves. It allows for the procurement of items such as (but are not limited to) application servers, switches, storage area network (SAN), backup and recovery systems, guard solution software and other articles that will provide a secure Cross Domain Security Solution (CDSS) capability, and the life-cycle replacement of Government Furnished Equipment (GFE) at development contractor sites. Funding also provides for ISPAN strategic modernization efforts, to include increased virtualization technology environments and distributed operations capability to support joint warfighters across geographically separated locations. Finally, funding provides for the initial migration of the ISPAN mission system to the new USSTRATCOM Command and Control Facility.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 3							P-1 Line Item Number / Title: 833560 / Integrated Strat Plan & Analy Network (ISPAN)								Aggregated Items Title: Integrated Strat Plan & Analy Network (ISPAN)					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
End-point Computing Devices	A		-	-	-	-	-	-	-	-	-	0.782	1	0.782	-	-	-	0.782	1	0.782
MPAS Virtual Server Technology	A		-	-	-	-	-	-	-	-	-	1.000	1	1.000	-	-	-	1.000	1	1.000
ISPAN B-Network	A		-	-	-	-	-	-	-	-	-	0.300	1	0.300	-	-	-	0.300	1	0.300
ISPAN Security Enclaves (SIPR, TS/ C, & JWICS)	A		-	-	-	-	-	-	-	-	-	0.250	1	0.250	-	-	-	0.250	1	0.250
ISPAN Virtual Data Storage System	A		-	-	-	-	-	-	-	-	-	0.400	1	0.400	-	-	-	0.400	1	0.400
ISPAN Systems at Geographically Separated Location(s)	A		-	-	-	-	-	-	-	-	-	0.550	2	1.100	-	-	-	0.550	2	1.100
Cross Domain Guard Solution	A		-	-	-	-	-	-	-	-	-	0.500	1	0.500	-	-	-	0.500	1	0.500
ISPAN Network Systems	A		-	-	-	-	-	-	-	-	-	0.250	1	0.250	-	-	-	0.250	1	0.250
ISPAN Systems for Off-Site Developers (GFE)	A		-	-	-	-	-	-	-	-	-	0.400	2	0.800	-	-	-	0.400	2	0.800
Program Management Administration (Government Cost)	A		-	-	-	-	-	-	-	-	-	-	-	0.060	-	-	-	-	-	0.060
Program Management Administration (Contractor Services)	A		-	-	-	-	-	-	-	-	-	-	-	0.195	-	-	-	-	-	0.195
USSTRATCOM C2 Building Hardware & Networks	A		-	-	-	-	-	-	-	-	-	3.423	1	3.423	-	-	-	3.423	1	3.423
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	-	-	-	9.060	-	-	-	-	-	9.060
Total			-	-	-	-	-	-	-	-	-	-	-	9.060	-	-	-	-	-	9.060

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects

P-1 Line Item Number / Title:
834010 / General Information Technology

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	33.839	31.436	39.100	-	39.100	43.554	45.419	43.469	44.241	-	281.058
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	33.839	31.436	39.100	-	39.100	43.554	45.419	43.469	44.241	-	281.058
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	33.839	31.436	39.100	-	39.100	43.554	45.419	43.469	44.241	-	281.058
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

General information technologies are a critical part of the Air Force (AF) vision to provide widespread, secure, robust, physically diverse terrestrial, airborne, and space based transmission paths and information services between our fixed and deployed operating locations. These capabilities, when coupled with the AF's fixed-based transport and network operations infrastructure from the Combat Information Transport System, the expeditionary base theater deployable communications program, and via connections through teleport gateways, allow warfighters to exchange unprecedented levels of information. This program provides for commercially available Information Technology (IT) acquisitions and equipment additions to government-owned computer systems. Items to be purchased include, but are not limited to network servers, network infrastructure, specialized systems directly supporting operational mission requirements, and Storage Area Network (SAN) and Local Area Network (LAN) hardware and software replacement of equipment. Programs support and enhance warfighting capability and all enhance productivity in support of AF weapon systems and personnel.

PE 0201110F SERVICE SUPPORT TO USNORTHCOM ACTIVITIES

CIVIL RESPONDER COMMUNICATIONS (CRC) INTEROPERABILITY: The Civil Responder Communications capability provisions interoperable communications between a deployed Joint Task Force and federal, state, and local disaster response personnel. USNORTHCOM will use these funds to procure communications technologies that enable direct communications between military and civil command counterparts at all echelons. The collaborative requirements that this task satisfies includes shared common operational picture (COP), desktop collaboration, military and civil radio interoperability that includes encryption, and the extension of public internet and telephone service by military communications systems to the civil responders being supported. (Formerly Emergency Response Communications System (ERCS))

PE 0201130F US NORTHERN COMMAND COMMUNICATIONS:

a. **NORAD AND NORTHCOM INTEROPERABLE COMMUNICATIONS:** This includes mission specific communications enhancements to support extension of Public Switched Telephone Network (PSTN) and Public Internet to Civil Authorities from the DOD Satellite Teleports either directly to the Civil Authorities' communications systems or through DOD communications systems. This program combines the Interoperable Communications and Joint Tactical Radio System (JTRS) compliant radio handsets to enable the Defense support of Civil authorities mission.

b. **DEPLOYABLE COMMUNICATION CAPABILITY SYSTEM LIFE CYCLE MANAGEMENT:** The USNORTHCOM Deployable Communication Fleet consists of Emergency Response Vehicles (ERVs) Mobile Communications Platforms (MCPs), and fly-away communications systems, small enough to be flown on commercial airlines to a nationally declared disaster. (NC J6 DCCS combined the previously approved and funded Cellular System Technical Refresh and Emergency Response Communications System into one consolidated effort) This effort is funded in PE 0201130F and PE 0201110F.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834010 / General Information Technology
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
c. EARLY WARNING RADAR (EWR) COMMUNICATIONS EQUIPMENT: The AVTEC NexGen panels are used to support the Hawaii Regional Air Operations Center (HIRAOC). The NORAD EWR Communications Equipment provide equipment to facilitate dual operation cutovers, secure/non-secure communications for a single communications network allowing clear and secure, real-time, line of sight and beyond line of sight NORAD wide command and control of airborne and ground elements. PE 0207277F ISR INNOVATIONS Family of systems providing high impact, quick reaction capabilities to warfighters for mission planning, rehearsal, visualization, and intelligence gathering purposes. Program components include: Eagle Vision, DoD's only worldwide deployable commercial imagery ground station capability, and ISR innovations, rapid prototyping, operational evaluation and fielding of short notice, high payoff capabilities addressing immediate gaps and/or shortfalls identified by warfighting activities. Eagle Vision provides direct downlink commercial imagery to operational commanders for mission support purposes. PE 0207603F (CAF) EXERCISES AND READINESS TRAINING: COMBAT AIR FORCE (CAF) EXERCISES AND READINESS TRAINING: Procures part task trainers for ACC and other CAF air crews to perform selected ground training tasks in conjunction with other air operations training activities as they train to become combat ready for worldwide air expeditionary force missions. PE 0207605F WARGAMING AND SIMULATION CENTERS: WARRIOR PREPARATION CENTER (WPC): The Warrior Preparation Center conducts and supports integrated and distributed Live, Virtual, and Constructive (LVC) warfighter training for Joint and Combined partners in the European and African theaters. Specifically, WPC activity delivers integrated warfighter training for USEUCOM, USAFRICOM, other US Components and our NATO and Coalition partners, and also provides year-round continuation training for Air and Space Operations Center exercises and the certification training for Air Force (Component) Forces (AFFOR) and Joint Task Force staffs. These systems also support EUCOM Integrated Air and Missile Defense (IAMD) training and education events. PE 0207697F DISTRIBUTED TRAINING AND EXERCISES: AIR FORCE DISTRICT WASHINGTON: Wargaming and analysis suites, hardware, and software in direct support of the wargaming informational environment, which is distributed across the National Capitol Region, United States Air Force, and Combatant Commands worldwide. PE 0208087F AF OFFENSIVE CYBERSPACE OPERATIONS Procures student mission training systems (hardware, software, infrastructure, and facility modifications) supporting Information & Cyber Operations training needs of approximately 700 students per year. PE 0303112F AIR FORCE COMMUNICATIONS (AIRCOM) AIRBORNE NETWORKING INTEGRATION (ANI): The Airborne Networking Global Information Grid (GIG) Interface (ANGI) is an initiative that provides airborne communications network connectivity to the terrestrial and space layers. It supports Air Force and Joint efforts for integration of airborne, terrestrial and space layer networks. The initiative establishes ANGI sites that support deployed assets by extending the AFNet to the aerial layer. PE 0305105F DoD Cyber Crime Center: DC3 provides digital and multimedia (D/MM) forensics, cyber investigative training; research, development, test and evaluation, cyber analytics to DoD computer network defense (CND), and cyber investigative and operational support to DoD customers. Funds will provide the replacement of equipment to detect, enhance or recover digital media, to include audio and video, computer investigative and incident response training, and test & evaluation of all software/hardware before use in a forensic process. PE 0305128F SECURITY AND INVESTIGATIVE ACTIVITIES		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834010 / General Information Technology
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
The AFOSI Directorate of Warfighting Integration is responsible for centralized management of sensitive information. It accomplishes this mission through the management and oversight of personnel, products and systems associated with unclassified, Secret, special access, and Top Secret/SCI computers and information management systems, voice systems, long-haul communications circuits, official records, Privacy Act, Freedom of Information Act, publications and forms, and official mail to achieve the command's operational objectives in support of the AF and Office of the Secretary of Defense as well as to achieve Executive mandates to improve information sharing within and between the law enforcement and intelligence communities. Funds provide for the operations and maintenance of these programs as well as replacement and refresh of vital computer equipment to include servers, workstations, network and mass storage devices. This will enable AFOSI to meet the requirements of the Clinger-Cohen Act and stay current in IT technology supporting 3,000 worldwide personnel to effectively process, track, and disseminate perishable investigative information to AF commanders and national-level customers. PE 0305173 SPACE AND MISSILE TEST AND EVAL CENTER RESEARCH AND DEVELOPMENT SPACE AND MISSILE OPERATIONS (RDSMO) PROGRAM: Develops and acquires systems to: operate experimental, demonstration, and operational satellites; operate a fixed and deployable satellite ground system enterprise; perform satellite compatibility testing; act as the focal point and center of expertise for DoD experimental and demonstration space and missile operations; support space and missile R&D; and conduct/support experimental/demonstration space and missile Developmental Test and Evaluation (DT&E) and Initial Operational Test and Evaluation (IOT&E) activities. RDSMO consists of the Space Test and Operations organization at Kirtland AFB which is the focal point for (1) the Multi-Mission Satellite Operations Center (MMSOC) installed in the RDT&E Support Complex (RSC) at Kirtland AFB, NM which operates R&D satellites, and the at Satellite Operations Center 11 (SOC 11) at Schriever AFB, CO which operates operational satellites; (2) satellite ground system enterprise development and integration and (3) deployable test systems which deploy mobile antennas worldwide to support space RDT&E activities. PE 0305174F SPACE INNOV INTG AND RAPID TECH DEV Located at Peterson AFB, Colorado, the Space Innovation, Integration and Rapid Technology Development (SIIRTD) program develops and modifies modeling and simulation tools that Air Force Space Command's Space Analysis Center uses for operations research, military utility analyses, tradeoff studies, and other evaluations of space mission areas to guide planning, programming, requirements generation, analyses of alternatives, and other activities. Development activities incorporate changes in fielded and projected space operational capabilities, as well as technical improvements, into the group's software tools to ensure their data and technology remain current. Its innovation, education, and training activities foster solutions to operational deficiencies and enhance the integration of space systems into Air Force operations, thereby enabling service and joint warfighters to realized the full potential of existing and planned space capabilities. DISTRIBUTED COMMUNICATIONS ARCHITECTURE: This SIIRTD-operated system provides a network based communications capability enabling dispersed space personnel to participate in space exercises and wargames and to assist in development, testing, and validation of SIIRTD innovation projects supporting the Combat Air Forces. It can also support limited command and control capabilities for space operations. SPACE ANALYSIS CENTER: Air Force Space Command's Space Analysis Center uses modeling and simulation tools to conduct operations research, military utility analyses, tradeoff studies, and other evaluations of space mission areas to guide planing, programming, requirements generation, analyses of alternatives, and other activities. Related modeling and simulation tool development is funded in RDT&E, AF, PE 0305174F, Space Innovation, Integration and Rapid Technology Development. PE 0408020F SERVICE SUPPORT TO USTRANSCOM COALITION MOBILITY SYSTEM JCTD: enables the machine-to-machine exchange of air and sealift schedules to support Coalition Task Force operations. PE 0604281F TACTICAL DATA LINK NETWORKS ENTERPRISE (TDNE)		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834010 / General Information Technology
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Other Gateways: supports the machine-to-machine interface used for the near real time sharing of a common operational picture among air, land, and sea forces. TDNE procures the ground based component of this network in the "General Information Technology" P1 line. The Air Force procures the aerial components of TDNE.		
PE 0702806F: ACQUISITION AND MANAGEMENT SUPPORT		
PE 0708012F: LOGISTICS SUPPORT ACTIVITIES		
GUNTER AIR FORCE BASE NETWORK SERVICES: Funds provide unique local area network (LAN) hardware to the population at Maxwell Air Force (MAFB)-Gunter Annex, AL including equipment for web access, file storage backup, information security, and application testing for AF programs worldwide hosted at MAFB-Gunter Annex, AL. LAN equipment enables MAFB-Gunter Annex to manage/support 122 programs and systems worldwide. MAFB-Gunter Annex exceeds the standard Base Information Transport Infrastructure (BITI) environment, therefore no funding is provided by BITI.		
PE 0708074F: JOINT LOGISTICS PROGRAM - TOTAL ASSET VISIBILITY		
AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT): A collection of enabling technologies including linear and two-dimensional bar codes, radio frequency identification, smart cards, memory cards, laser cards, touch memory, and voice and biometrics identification. These technologies provide timely and accurate automatic capture, aggregation, and transfer of data to management information systems with minimal human involvement. By capitalizing on advances in technology the Air Force is able to gain efficiencies in the logistical supply chain and asset visibility throughout an item's life cycle. Project funding enables compatibility of Air Force and industry standards in the core areas of supply, transportation, and maintenance, as well as weaving commercial AIT business practices and standards into the Air Force's logistics infrastructure.		
PE 0801711F RECRUITING ACTIVITIES		
Air Force Recruiting and Information Support System - Legacy (AFRISS-L): AFRISS-L is a web-enabled automated information system, accessible via the Internet, used by recruiters and management personnel world-wide to gather information on prospective recruits and process them into the Air Force. It supports all Active Duty and Air Guard recruiting efforts.		
PE 0804711F RECRUIT TRAINING UNITS		
BASIC MILITARY TRAINING (BMT) SURVEILLANCE SECURITY SYSTEM: Due to allegations of misconduct by Military Training Instructors (MTIs) at BMT, AETC/CC directed an investigation to identify issues that place Airmen at risk in their training environment. This investigation was led by AF/CVS and revealed weaknesses in existing detection measures. SECAF/CSAF support findings and actions AETC is taking to prevent misconduct from reoccurring.		
The purpose of the camera surveillance effort is to deter, monitor, and act upon the misconduct of Basic Trainees and/or Military Training Instructors. The goal is the surveillance of all common areas throughout all BMT facilities to include Airman Training Complexes (ATC) and Dining/Classroom Facilities (DCF). The surveillance system monitors personnel within all training facilities and provides a central storage solution expandable to maintain three years of video data.		
PE 0804721F SERVICE ACADEMIES		
US AIR FORCE ACADEMY (USAF):		
a. AIR FORCE ACADEMY COMPUTER SUPPORT: Air Force Academy uses two separate networks for day-to-day operations. Approximately 75% of the support is provided to USAFAEDU (academic network), providing the Academy's interface for mission elements, the cadet wing, direct reporting unit (DRU) and direct mission support organizations to DoD/AF military sites, commercial internet, other colleges and universities. The remaining support is provided to USAFAMIL, the interface with the AF's military only networks (NIPRNET and SIPRNET).		
b. CADET ADMINISTRATION MANAGEMENT INFORMATION SYSTEM (CAMIS): CAMIS is a cradle-to-grave system supporting all facets of student management including admissions, registrar, preparatory, academic, athletic, military training data from the candidate's initial application to graduation & commissioning and continuing through the military career of each cadet.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834010 / General Information Technology
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
PE 0804731F GENERAL SKILL TRAINING General information technologies are a critical part of the Air Force (AF) vision to provide widespread, secure, robust, physically diverse terrestrial, airborne, and space based transmission paths and information services between our fixed and deployed operating locations. These capabilities, when coupled with the AF's fixed-based transport and network operations infrastructure from the Combat Information Transport System, the expeditionary base theater deployable communications program, and via connections through teleport gateways, allow warfighters to exchange unprecedented levels of information. This program provides for commercially available Information Technology (IT) acquisitions and equipment additions to government-owned computer systems. Items to be purchased include, but are not limited to network servers, network infrastructure, specialized systems directly supporting operational mission requirements, and Storage Area Network (SAN) and Local Area Network (LAN) hardware and software technical refresh. Programs support enhance warfighting capability and all enhance productivity in support of AF weapon systems and personnel. PE 0804752F OTHER PROFESSIONAL EDUCATION Accreditation of AFIT's engineering programs is directly related to both the existence of the well-equipped and maintained laboratories and an institutional commitment to fund equipment and maintenance. To serve the research needs of the USAF/DoD, students have up-to-date equipment to make tangible contributions to AF research needs. Existing equipment has reached the age where the cost to maintain it is impractical. PE 0804771F SUPPORT OF THE TRAINING ESTABLISHMENT Air University (AU) Education Technology (ET) Program funds the cradle-to-grave lifecycle management of IT systems, services, and resources that comprise AU Enterprise ET/IT portfolio. The primary systems under AU IT are CDSAR, STARS, AUSIS, AUSRIS, AUREPM, and AUSMS. This portfolio provides enrollment, content delivery, and student administration capabilities critical to all AU resident and non-resident courses. At the Air Force level, A6 provides the system of record capability for all AF PME/PCE; a system crucial to ensuring a fully prepared (trained and educated) expeditionary force. As AU aggressively pursues the enhancement of processes by which educational products are delivered to students, ET/IT demands will increase in frequency and complexity. Quickly revising software and inserting technology into those processes in a timeframe adequate to realize return on investment dollars or educational benefits requires an appropriately resourced A6 organization. PE 0901279F FACILITIES OPERATION - ADMINISTRATIVE CIVIL ENGINEER'S (CE) IT TRANSFORMATION: CE IT Transformation program's mission is to transform CE's business processes to better serve the CE customers and meet AF Transformational Goals. The plan is to leverage industry best practices, optimize core business processes, and replace existing outdated IT capabilities with a set of commercial off-the-shelf (COTS) software solutions and a service provider to deploy and maintain the system. This COTS solution will provide a robust, enterprise-wide CE capability and will consist of an integrated set of embedded / configurable best business practices and capabilities to support the following CE missions: Real Property Management; Work & Supply Management, Project Management, Energy Management, Housing Management, Financial Management, Environmental Management, Planning, Emergency Services, Fire Operations and EOD. PE 0901299F AF A1 SYSTEMS Provides funding for the sustainment and operation of hardware and software supporting AFPC IT systems, network applications and infrastructure. These systems include items such as client servers, computer hardware and software, LANs, web and relational database management technologies and associated equipment to support all phases of the personnel life cycle, including accession, training, assignment, promotion, retirement, and death.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects	P-1 Line Item Number / Title: 834010 / General Information Technology

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements:			
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	1	1	-	1	-	-	-	-
	Total Obligation Authority	7.300	1.511	1.999	-	1.999	-	-	-	-
AFNG	Quantity	-	4	-	-	-	-	-	-	-
	Total Obligation Authority	-	1.917	3.679	-	3.679	-	-	-	-
Total: Secondary Distribution	Quantity	-	5	1	-	1	-	-	-	-
	Total Obligation Authority	7.300	3.428	5.678	-	5.678	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - PE 0201110F SERVICE SUPPORT TO USNORTHCOM ACTIVITIES	P-40a	A	-	-	-	0.436	1	0.436	0.306	1	0.306	0.481	1	0.481	-	-	-	0.481	1	0.481
Item - INTEROPERABLE COMMUNICATION	P-40a	A	-	-	-	-	-	2.081	-	-	0.079	-	-	0.088	-	-	-	-	-	0.088
Item - DEPLOYABLE COMMUNICATIONS CAPABILITY SYSTEM LIFE CYCLE MANAGEMENT	P-40a	A	-	-	-	-	-	-	-	-	2.883	-	-	2.909	-	-	-	-	-	2.909
Item - EARLY WARNING RADAR (EWR) COMMUNICATIONS EQUIPMENT	P-40a	A	-	-	-	-	-	-	-	-	2.083	-	-	-	-	-	-	-	-	-
Item - (1). DAS REFRESH - PRIME MISSION PRODUCT (AD)	P-40a	A	-	-	-	-	-	-	0.479	1	0.479	0.920	1	0.920	-	-	-	0.920	1	0.920
Item - (1). DAS REFRESH - PRIME MISSION PRODUCT (ANG)	P-40a	A	-	-	-	-	-	-	0.479	4	1.917	-	-	3.679	-	-	-	-	-	3.679
Item - (3). PROGRAM MANAGEMENT ADMINISTRATION (PMA)	P-40a	A	-	-	-	-	-	-	-	-	1.032	-	-	1.079	-	-	-	-	-	1.079
Item - ISR INNOVATIONS OCO	P-40a	A	-	-	-	-	-	7.300	-	-	-	-	-	-	-	-	-	-	-	-
Item - COMBAT AIR FORCE EXERCISES AND READINESS TRAINING	P-40a	A	-	-	-	-	-	-	-	-	0.166	-	-	0.201	-	-	-	-	-	0.201
Item - WARRIOR PREPARATION CENTER	P-40a	A	-	-	-	-	1	-	0.447	1	0.447	0.711	1	0.711	-	-	-	0.711	1	0.711
Item - DISTRIBUTED TRAINING AND EXERCISES	P-40a	A	-	-	-	-	-	-	-	-	0.241	-	-	0.580	-	-	-	-	-	0.580

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects									P-1 Line Item Number / Title: 834010 / General Information Technology											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - CYBER WORKFORCE TRAINING	P-40a	A	-	-	-	-	-	-	-	-	1.150	-	-	1.705	-	-	-	-	-	1.705
Item - AIRBOURN NETWORKING INTEGRATION (OCO) (PE 0303112F)	P-40a	A	-	-	-	3.900	1	3.900	-	-	-	-	-	-	-	-	-	-	-	-
Item - DOD CYBER CRIME CENTER (DC3)	P-40a	A	-	-	-	-	-	0.554	-	-	0.397	-	-	-	-	-	-	-	-	-
Item - OSI OPERATIONS	P-40a	A	-	-	-	-	-	1.385	-	-	0.990	-	-	1.593	-	-	-	-	-	1.593
Item - RESEARCH AND DEVELOPMENT SPACE AND MISSILE OPERATIONS (RDSMO) (PE 0305173F)	P-40a	A	-	-	-	-	-	1.381	-	-	1.038	-	-	1.683	-	-	-	-	-	1.683
Item - Distributed Communications Architecture	P-40a	A	-	-	-	-	-	0.783	-	-	0.514	-	-	0.782	-	-	-	-	-	0.782
Item - Space Analysis Center	P-40a	A	-	-	-	-	-	0.501	-	-	0.405	-	-	0.507	-	-	-	-	-	0.507
Item - COALITION MOBILITY SYSTEM JCTD	P-40a	A	-	-	-	-	-	-	-	-	0.065	-	-	-	-	-	-	-	-	-
Item - c. TACTICAL DATA NETWORKS ENTERPRISE (PE 0604281F)	P-40a	A	-	-	-	-	-	-	0.153	1	0.153	0.168	1	0.168	-	-	-	0.168	1	0.168
Item - Acquisition and Management Support	P-40a	A	-	-	-	-	-	-	-	-	0.076	-	-	-	-	-	-	-	-	-
Item - GUNTER AIR FORCE BASE NETWORK SERVICES	P-40a	A	-	-	-	-	-	1.276	-	-	0.492	-	-	1.277	-	-	-	-	-	1.277
Item - Active Radio Frequency Identification	P-40a	A	-	-	-	-	-	1.146	-	-	0.823	-	-	1.608	-	-	-	-	-	1.608
Item - Passive Radio Frequency Identification	P-40a	A	-	-	-	-	-	1.243	-	-	0.904	-	-	1.731	-	-	-	-	-	1.731
Item - Item Unique Identification	P-40a	A	-	-	-	-	-	1.427	-	-	1.485	-	-	2.299	-	-	-	-	-	2.299
Item - Real Time Locating Systems	P-40a	A	-	-	-	-	-	2.204	-	-	1.869	-	-	2.524	-	-	-	-	-	2.524
Item - Air Force Recruiting and Information Support System - Legacy	P-40a	A	-	-	-	0.600	1	0.600	0.838	1	0.838	0.991	1	0.991	-	-	-	0.991	1	0.991
Item - BMT Surveillance System	P-40a	A	-	-	-	-	-	-	-	-	-	1.508	1	1.508	-	-	-	1.508	1	1.508
Item - SERVICE ACACEMIES - USAFA	P-40a	A	-	-	-	-	-	1.684	-	-	2.214	-	-	2.702	-	-	-	-	-	2.702
Item - GEN SKILL TRAINING	P-40a	A	-	-	-	-	-	-	-	-	0.238	-	-	0.137	-	-	-	-	-	0.137

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force												Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects									P-1 Line Item Number / Title: 834010 / General Information Technology											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - TECH TNG MANAGEMENT SYSTEM	P-40a	A	-	-	-	-	-	-	-	-	0.105	-	-	0.281	-	-	-	-	-	0.281
Item - OTHER PROFESSIONAL EDUCATION	P-40a	A	-	-	-	-	-	-	-	-	0.355	-	-	0.429	-	-	-	-	-	0.429
Item - TRAINING SUPPORT	P-40a	A	-	-	-	-	-	-	-	-	0.722	-	-	0.875	-	-	-	-	-	0.875
Item - NexGen IT	P-40a	A	-	-	0.000	-	-	0.198	-	-	2.661	-	-	0.500	-	-	-	-	-	0.500
Item - AF PERSONNEL WEB-BASED CUSTOMER SERVICE	P-40a	A	-	-	-	-	-	0.443	-	-	0.498	-	-	0.382	-	-	-	-	-	0.382
Item - MILITARY PERSONNEL DATA SYSTEM (MILPDS)	P-40a	A	-	-	-	-	-	1.089	-	-	1.215	-	-	0.915	-	-	-	-	-	0.915
Item - REGIONALIZATION OF CIV PERS SUPPORT	P-40a	A	-	-	-	-	-	1.698	-	-	1.572	-	-	1.633	-	-	-	-	-	1.633
Item - AF WIDE INTEGRATED PERSONNEL SERVICE	P-40a	A	-	-	-	-	-	2.510	-	-	1.024	-	-	2.222	-	-	-	-	-	2.222
Total Gross/Weapon System Cost			-	-	0.000	-	-	33.839	-	-	31.436	-	-	39.100	-	-	-	-	-	39.100
*For Items, Title represents the Item Number / Title [DODIC].																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				

Justification:

PE 0201110F SERVICE SUPPORT TO USNORTHCOM ACTIVITIES

CIVIL RESPONDER COMMUNICATIONS INTEROPERABILITY: FY15 funding will resource the Civil Responder Communications Interoperability communications capabilities that enable voice, video, and data communications between DOD and civil government responders as directed by the President. These communications abilities include land mobile radio systems, Radio over IP (ROIP) systems, and extending Public Internet and Public Switched Telephone Network (PSTN) to DOD forces supporting civil government responders. (Formerly Emergency Response Communications System (ERCS))

PE 0201130F US NORTHERN COMMAND COMMUNICATIONS:

a. NORAD AND NORTHCOM INTEROPERABLE COMMUNICATIONS: FY15 funding procures equipment and associated support that provide deployable, interoperable commercial communications capability to NORAD - USNORTHCOM Headquarters; USNORTHCOM Domestic Operations (DOMOPS), and Subordinate Commands. The system consists of deployable communications base stations, Infrastructure and Joint Tactical Radio System handsets to enable the Defense Support of Civil Authorities mission.

b. DEPLOYABLE COMMUNICATION CAPABILITY SYSTEM LIFE CYCLE MANAGEMENT: FY15 funding ensures system life cycle support of the Deployable Communications Fleet, as well as, the lifecycle maintenance of these USNORTHCOM deployable communication systems. A centralized managed construct to enable the configuration management of deployable communication systems. (NC J6 DCCS combined the previously approved and funded Cellular System Technical Refresh and Emergency Response Communications System efforts into one consolidated project). This effort is funded in PE 0201130F and PE 0201110F.

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Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834010 / General Information Technology
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
c. EARLY WARNING RADAR (EWR) COMMUNICATIONS EQUIPMENT: No FY15 funds are requested. PE 0207277F ISR INNOVATIONS: EAGLE VISION: FY15 funding supports five operational systems/units (1 AD/4 ANG/0 AFR), program management administration (PMA) costs, technical refresh as well as capital equipment replacement to the Eagle Vision DAS and DIS in support of communications that provide improved processing capability, additional satellite capabilities, and system baseline replacements. PE 0207603F (CAF) EXERCISES AND READINESS TRAINING: COMBAT AIR FORCE (CAF) EXERCISES AND READINESS TRAINING: FY15 funding procures part task trainers for ACC and other CAF air crews to perform selected ground training tasks in conjunction with other air operations training activities as they train to become combat ready for worldwide air expeditionary force missions. PE 0207605F WARGAMING AND SIMULATION CENTERS: WARRIOR PREPARATION CENTER (WPC): FY15 funding will be used to maintain critical network systems technology enabling the integration of command and control, warfighting, and support live, virtual, and constructive (LVC) training systems at the tactical and operational levels of warfare. PE 0207697F DISTRIBUTED TRAINING AND EXERCISES: AIR FORCE DISTRICT WASHINGTON: FY15 funding procures wargaming and analysis suites, hardware, and software in direct support of the wargaming informational environment, which is distributed across the National Capitol Region, United States Air Force, and Combatant Commands worldwide. PE 0208087F AF OFFENSIVE CYBERSPACE OPERATIONS FY15 funds will procure student mission training systems (hardware, software, network infrastructure and IT related equipment) supporting Information & Cyber Operations training needs of approximately 700 students per year. PE 0303112F AIR FORCE COMMUNICATIONS (AIRCOM) AIRBORNE NETWORKING INTEGRATION (ANI): No FY15 funds requested. PE 0305105F DOD CYBER CRIME CENTER: No FY15 funds requested. PE 0305128F SECURITY AND INVESTIGATIVE ACTIVITIES: FY15 finds procure replacement and refresh of vital computer equipment to include servers, workstations, network and mass storage devices. This will enable AFOSI to meet the requirements of the Clinger-Cohen Act and stay current in IT technology supporting 3,000 worldwide personnel to effectively process, track, and disseminate perishable investigative information to AF commanders and national-level customers.		

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Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834010 / General Information Technology
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
PE 0305173 SPACE AND MISSILE TEST AND EVAL CENTER: RESEARCH AND DEVELOPMENT SPACE AND MISSILE OPERATIONS (RDSMO) PROGRAM: FY15 funds will be used to purchase hardware and software to support the implementation of Multi-Mission Satellite Operations Center (MMSOC) Block 2 at the RSC. PE 0305174F SPACE INNOV INTG AND RAPID TECH DEV: DISTRIBUTED COMMUNICATIONS ARCHITECTURE: FY15 funds will be used for replacement/upgrade of existing Local Area Network (LAN) equipment while incorporating new technology into the system. SPACE ANALYSIS CENTER: FY15 funding procures computing equipment supporting analysis capabilities. PE 0408020F SERVICE SUPPORT TO USTRANSCOM: COALITION MOBILITY SYSTEM JCTD: No FY15 funds requested. PE 0604281F TACTICAL DATA LINK NETWORKS ENTERPRISE (TDNE) OTHER GATEWAYS: FY15 funding procures equipment, fielding support, and associated Interim Contract Support for fielding the capability enhancements made to tactical data networks and other legacy gateways. Other gateway systems enable combat forces to exchange information quickly and accurately by bridging discrete airborne, terrestrial, maritime, and space based C4ISR networks. PE 0702806F: ACQUISITION AND MANAGEMENT SUPPORT: No FY15 Funds Requested. PE 0708012F LOGISTICS SUPPORT ACTIVITIES GUNTER AIR FORCE BASE NETWORK SERVICES: DoD Standard Desktop Configuration (SDC) is developed, tested and fielded from MAFB-Gunter Annex. Funds ensure the ability to support DoD's SDC mission and 7 Service Category (SCAT) programs. Funding replaces local area hardware, such as routers, servers, and switches that are no longer supported by the vendor. Additionally funds replace end-of-life cycle Storage Area Network (SAN) which holds all Virtual Server files and backup. PE 0708074F: JOINT LOGISTICS PROGRAM - TOTAL ASSET VISIBILITY AUTOMATIC IDENTIFICATION TECHNOLOGY (AIT): FY15 dollars will be used to replace the aging Radio Frequency Identification (RFID) readers across the MAJCOMs that support the visibility of in-transit visibility cargo for contingency operations. The AF AIT PO will continue to sustain and expand the Enterprise Data Collection Layer Architecture that enables the functional bar code Hand Held Terminals (HHTs) to exchange critical logistics data with AF Automated Information Systems (AISs). FY 15 funding will be used to expand the use of Item Unique Identification (IUID) for tracking and accounting for CLASS II, VII and IX assets. Functional AIT tools like Combat Ammunition System AIT, AIT Point of Maintenance and Automated Inventory and Management Tool (AIMT) will continue to be implemented at AF locations worldwide. Older bar code HHTs (Intermec CK61s and Motorola MC9090) will be replaced with newer modern terminals that meet Information Assurance Policy and can connect to the wireless networks. PE 0801711F RECRUITING ACTIVITIES		

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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
AIR FORCE RECRUITING AND INFORMATION SUPPORT SYSTEM - LEGACY (AFRISS-L): FY15 funds procure required hardware software and IT infrastructure for the Air Force Recruiting Information Support System Legacy (AFRISS-L). This is a dedicated IT system that is used to process and access all enlisted, and a large portion of the officer accession, requirements for the Air Force. It is a single point of failure. PE 0804711F RECRUIT TRAINING UNITS BASIC MILITARY TRAINING (BMT) SURVEILLANCE SECURITY SYSTEM: FY15 funds will procure hardware, system engineering/test and evaluation, site survey, infrastructure installation and support to install a security camera system at the AF BMT complex. The surveillance system will help deter problems that arise in the future, and provide additional security for both the trainees and instructors. PE 0804721F SERVICE ACADEMIES US AIR FORCE ACADEMY (USAFA): AIR FORCE ACADEMY COMPUTER SUPPORT: FY15 funds procure IT to upgrade performance,security, and availability of USAFA.MIL and USAFA.EDU to comply with AF Enterprise Architecture standards in order to support the AF Academy mission. FY15 funds procure IT integral to the operation of each network in support of the Air Force Academy mission. CADET ADMINISTRATION MANAGEMENT INFORMATION SYSTEM (CAMIS): FY15 funds also continue the modernization of CAMIS, which resides on the USAFAEDU domain. CAMIS is a cradle-to-grave system supporting all facets of student management including admissions, registrar, preparatory, academic, athletic, military training data from the candidate's initial application to graduation & commissioning and continuing through the military career of each cadet. PE 0804731F GENERAL SKILL TRAINING TECHNICAL TRAINING MANAGEMENT SYSTEM (TTMS): TTMS provides AETC organizations with a world class commercial-off-the-shelf (COTS) learning management system which supports six functions: course design and development; student evaluation; instructor management; student management; data analysis; and resource administration. TTMS is a web-based system which provides productivity enhancements and higher degree of efficiency to AETC. The primary requirement objectives currently under development are: 1) eBMT will provide scheduling and Student Management for the Basic Training facility. 2) FY14-16 funds will be used to Virtualizate and Continuity of Operations Plan (COOP) eBMT into the AF AFNetOps. PE 0804752F OTHER PROFESSIONAL EDUCATION AFIT Lab Equipment: Laboratory Equipment procurement funding provides for: Satellite Communication Ground Stations, Cube Sat Flight Hardware, Space Thruster Measurement System, UHF High Frequency Stages, Time Resolved Particle Image Velocimetry System, Digiscan CL3 System for the AFIT clean room, Space Chromotomography Equipment, Space Electronics Laboratory, Laser Steering Mirror System, CTEx Phantom Camera, Low Temp Flow System for EPR, Microwave Cavity B-field Sensor, Sample Load Lock System, Point Probe with ITO Reference Sample, Micro Thermal Imaging System, Circuit Failure Analysis Digital Microscope System, Pioneer Power-Bot AGV Robot, GPS Receivers, IMU and accessories, Dual-Output Programmable Power Supplies, and Scanning Electron Microscope equipment to support graduate student thesis and dissertations research. PE 0804771F SUPPORT OF THE TRAINING ESTABLISHMENT FY15 funds procure IT systems, services, and resources that comprise AU Enterprise ET/IT portfolio. The primary systems under AU IT are CDSAR, STARS, AUSIS, AUSRIS, AUREPM, and AUSMS. This portfolio provides enrollment, content delivery, and student administration capabilities critical to all AU resident and non-resident courses. At the Air Force level, A6 provides the system of record capability for all AF PME/PCE; a system crucial to ensuring a fully prepared (trained and educated) expeditionary force. PE 0901279F FACILITIES OPERATION - ADMINISTRATIVE		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
CIVIL ENGINEER'S (CE) IT TRANSFORMATION: FY15 funds will be used to purchase software licenses for NexGen IT Capability Groups 1.0 and 2.0, 3.0, and 4.0. The plan is to leverage industry best practices, optimize core business processes, and replace existing outdated IT capabilities with a set of commercial off-the-shelf (COTS) software solutions and a service provider to deploy and maintain the system. This COTS solution will provide a robust, enterprise-wide CE capability and will consist of an integrated set of embedded / configurable best business practices and capabilities to support the following CE missions: Real Property Management; Work & Supply Management, Project Management, Energy Management, Housing Management, Financial Management, Environmental Management, Planning, Emergency Services, Fire Operations and EOD. PE 0901299F AF A1 SYSTEMS a. MILITARY PERSONNEL DATA SYSTEM: FY15 funding provides for the operation/sustainment of AFPC IT infrastructure. Specifically, funding provides for upgrades, continuing stabilization, and sustainment of the current core communications and computer facilities supporting AFPC. The system employs client server, web, and relational database management technologies to support all phases of the personnel life cycle, including accession, training, assignment, promotion, retirement, and death. b. REGIONALIZATION OF CIVILIAN PERSONNEL SUPPORT: FY15 funding continues to support the regionalization and modernization of 95 worldwide AF Civilian Personnel Operations sites, including the Regional Service Center at Randolph AFB, TX. The hardware associated with the regionalization implementation and the subsequent technology refresh support a variety of AF personnel network applications such as: Defense Civilian Personnel Data System, Personnel Automated Records Information System, Employee Benefits and Information System, Interactive Voice Response System, and Business Objects. c. PERSONNEL SERVICE DELIVERY (PSD): FY15 funds procure replacement hardware and upgrades central personnel computing systems and network architecture. It supports the Air Force Director, Plans and Integration initiative, creating integrated personnel/pay functionality, using web self-service capability and a central contact center. It supports the preparation, migration and deployment of the Defense Integrated Military Human Resource System to the USAF.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834010 / General Information Technology									Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
PE 0201110F SERVICE SUPPORT TO USNORTHCOM ACTIVITIES	A		-	-	-	0.436	1	0.436	0.306	1	0.306	0.481	1	0.481	-	-	-	0.481	1	0.481
Subtotal: Uncategorized			-	-	-	-	-	0.436	-	-	0.306	-	-	0.481	-	-	-	-	-	0.481
Total			-	-	-	-	-	0.436	-	-	0.306	-	-	0.481	-	-	-	-	-	0.481

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4	P-1 Line Item Number / Title: 834010 / General Information Technology	Aggregated Items Title: General Information Technology

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
INTEROPERABLE COMMUNICATION	A		-	-	-	-	-	2.081	-	-	0.079	-	-	0.088	-	-	-	-	-	0.088
DEPLOYABLE COMMUNICATIONS CAPABILITY SYSTEM LIFE CYCLE MANAGEMENT	A		-	-	-	-	-	-	-	-	2.883	-	-	2.909	-	-	-	-	-	2.909
EARLY WARNING RADAR (EWR) COMMUNICATIONS EQUIPMENT	A		-	-	-	-	-	-	-	-	2.083	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	2.081	-	-	5.045	-	-	2.997	-	-	-	-	-	2.997
Total			-	-	-	-	-	2.081	-	-	5.045	-	-	2.997	-	-	-	-	-	2.997

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834010 / General Information Technology									Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
(1). DAS REFRESH - PRIME MISSION PRODUCT (AD)	A		-	-	-	-	-	-	0.479	1	0.479	0.920	1	0.920	-	-	-	0.920	1	0.920
Secondary Distribution																				
AF				-	-		-	-		1	0.479		1	0.920		-	-		1	0.920
(1). DAS REFRESH - PRIME MISSION PRODUCT (ANG)	A		-	-	-	-	-	-	0.479	4	1.917	-	-	3.679	-	-	-	-	-	3.679
Secondary Distribution																				
AFNG				-	-		-	-		4	1.917		-	3.679		-	-		-	3.679
(3). PROGRAM MANAGEMENT ADMINISTRATION (PMA)	A		-	-	-	-	-	-	-	-	1.032	-	-	1.079	-	-	-	-	-	1.079
Secondary Distribution																				
AF				-	-		-	-		-	1.032		-	1.079		-	-		-	1.079
ISR INNOVATIONS OCO	A		-	-	-	-	-	7.300	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		-	7.300		-	-		-	-		-	-		-	-
Subtotal: Uncategorized				-	-	-	-	7.300	-	-	3.428	-	-	5.678	-	-	-	-	-	5.678
Total				-	-	-	-	7.300	-	-	3.428	-	-	5.678	-	-	-	-	-	5.678
Remarks: \$3.314M FY13 BA was reallocated to higher priorities due to sequestration. FY13 \$1.432M missing from ABIDES that should have allocated to PEC 0207277F, dollars expensed from this PEC.																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834010 / General Information Technology								Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
COMBAT AIR FORCE EXERCISES AND READINESS TRAINING	A		-	-	-	-	-	-	-	-	0.166	-	-	0.201	-	-	-	-	-	0.201
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	0.166	-	-	0.201	-	-	-	-	-	0.201
Total			-	-	-	-	-	-	-	-	0.166	-	-	0.201	-	-	-	-	-	0.201

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4					P-1 Line Item Number / Title: 834010 / General Information Technology										Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
WARRIOR PREPARATION CENTER	A		-	-	-	-	1	-	0.447	1	0.447	0.711	1	0.711	-	-	-	0.711	1	0.711
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	0.447	-	-	0.711	-	-	-	-	-	0.711
Total			-	-	-	-	-	-	-	-	0.447	-	-	0.711	-	-	-	-	-	0.711

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4					P-1 Line Item Number / Title: 834010 / General Information Technology										Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
DISTRIBUTED TRAINING AND EXERCISES	A		-	-	-	-	-	-	-	-	0.241	-	-	0.580	-	-	-	-	-	0.580
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	0.241	-	-	0.580	-	-	-	-	-	0.580
Total			-	-	-	-	-	-	-	-	0.241	-	-	0.580	-	-	-	-	-	0.580

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834010 / General Information Technology							Aggregated Items Title: General Information Technology						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
CYBER WORKFORCE TRAINING	A		-	-	-	-	-	-	-	-	1.150	-	-	1.705	-	-	-	-	-	1.705
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	1.150	-	-	1.705	-	-	-	-	-	1.705
Total			-	-	-	-	-	-	-	-	1.150	-	-	1.705	-	-	-	-	-	1.705

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834010 / General Information Technology										Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
AIRBOURN NETWORKING INTEGRATION (OCO) (PE 0303112F)	A		-	-	-	3.900	1	3.900	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	3.900	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	3.900	-	-	-	-	-	-	-	-	-	-	-	-	

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4									P-1 Line Item Number / Title: 834010 / General Information Technology							Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
DOD CYBER CRIME CENTER (DC3)	A		-	-	-	-	-	0.554	-	-	0.397	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	0.554	-	-	0.397	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	0.554	-	-	0.397	-	-	-	-	-	-	-	-	-	

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4					P-1 Line Item Number / Title: 834010 / General Information Technology										Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
OSI OPERATIONS	A		-	-	-	-	-	1.385	-	-	0.990	-	-	1.593	-	-	-	-	-	1.593
Subtotal: Uncategorized			-	-	-	-	-	1.385	-	-	0.990	-	-	1.593	-	-	-	-	-	1.593
Total			-	-	-	-	-	1.385	-	-	0.990	-	-	1.593	-	-	-	-	-	1.593

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834010 / General Information Technology								Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
RESEARCH AND DEVELOPMENT SPACE AND MISSILE OPERATIONS (RDSMO) (PE 0305173F)	A		-	-	-	-	-	1.381	-	-	1.038	-	-	1.683	-	-	-	-	-	1.683
Subtotal: Uncategorized			-	-	-	-	-	1.381	-	-	1.038	-	-	1.683	-	-	-	-	-	1.683
Total			-	-	-	-	-	1.381	-	-	1.038	-	-	1.683	-	-	-	-	-	1.683

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834010 / General Information Technology									Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Distributed Communications Architecture	A		-	-	-	-	-	0.783	-	-	0.514	-	-	0.782	-	-	-	-	-	0.782
Space Analysis Center	A		-	-	-	-	-	0.501	-	-	0.405	-	-	0.507	-	-	-	-	-	0.507
Subtotal: Uncategorized			-	-	-	-	-	1.284	-	-	0.919	-	-	1.289	-	-	-	-	-	1.289
Total			-	-	-	-	-	1.284	-	-	0.919	-	-	1.289	-	-	-	-	-	1.289

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:					P-1 Line Item Number / Title:										Aggregated Items Title:					
3080F / 03 / 4					834010 / General Information Technology										General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
COALITION MOBILITY SYSTEM JCTD	A		-	-	-	-	-	-	-	-	0.065	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	0.065	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	-	-	-	0.065	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834010 / General Information Technology									Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
c. TACTICAL DATA NETWORKS ENTERPRISE (PE 0604281F)	A		-	-	-	-	-	-	0.153	1	0.153	0.168	1	0.168	-	-	-	0.168	1	0.168
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	0.153	-	-	0.168	-	-	-	-	-	0.168
Total			-	-	-	-	-	-	-	-	0.153	-	-	0.168	-	-	-	-	-	0.168

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834010 / General Information Technology										Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
Acquisition and Management Support	A		-	-	-	-	-	-	-	-	0.076	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	0.076	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	-	-	-	0.076	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834010 / General Information Technology							Aggregated Items Title: General Information Technology						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
GUNTER AIR FORCE BASE NETWORK SERVICES	A		-	-	-	-	-	1.276	-	-	0.492	-	-	1.277	-	-	-	-	-	1.277
Subtotal: Uncategorized			-	-	-	-	-	1.276	-	-	0.492	-	-	1.277	-	-	-	-	-	1.277
Total			-	-	-	-	-	1.276	-	-	0.492	-	-	1.277	-	-	-	-	-	1.277

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4	P-1 Line Item Number / Title: 834010 / General Information Technology	Aggregated Items Title: General Information Technology

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Active Radio Frequency Identification	A		-	-	-	-	-	1.146	-	-	0.823	-	-	1.608	-	-	-	-	-	1.608
Passive Radio Frequency Identification	A		-	-	-	-	-	1.243	-	-	0.904	-	-	1.731	-	-	-	-	-	1.731
Item Unique Identification	A		-	-	-	-	-	1.427	-	-	1.485	-	-	2.299	-	-	-	-	-	2.299
Real Time Locating Systems	A		-	-	-	-	-	2.204	-	-	1.869	-	-	2.524	-	-	-	-	-	2.524
Subtotal: Uncategorized			-	-	-	-	-	6.020	-	-	5.081	-	-	8.162	-	-	-	-	-	8.162
Total			-	-	-	-	-	6.020	-	-	5.081	-	-	8.162	-	-	-	-	-	8.162

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834010 / General Information Technology									Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Air Force Recruiting and Information Support System - Legacy	A		-	-	-	0.600	1	0.600	0.838	1	0.838	0.991	1	0.991	-	-	-	0.991	1	0.991
Subtotal: Uncategorized			-	-	-	-	-	0.600	-	-	0.838	-	-	0.991	-	-	-	-	-	0.991
Total			-	-	-	-	-	0.600	-	-	0.838	-	-	0.991	-	-	-	-	-	0.991

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834010 / General Information Technology								Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
BMT Surveillance System	A		-	-	-	-	-	-	-	-	-	1.508	1	1.508	-	-	-	1.508	1	1.508
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	-	-	-	1.508	-	-	-	-	-	1.508
Total			-	-	-	-	-	-	-	-	-	-	-	1.508	-	-	-	-	-	1.508

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834010 / General Information Technology							Aggregated Items Title: General Information Technology						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
SERVICE ACACEMIES - USAFA	A		-	-	-	-	-	1.684	-	-	2.214	-	-	2.702	-	-	-	-	-	2.702
Subtotal: Uncategorized			-	-	-	-	-	1.684	-	-	2.214	-	-	2.702	-	-	-	-	-	2.702
Total			-	-	-	-	-	1.684	-	-	2.214	-	-	2.702	-	-	-	-	-	2.702

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834010 / General Information Technology									Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
GEN SKILL TRAINING	A		-	-	-	-	-	-	-	-	0.238	-	-	0.137	-	-	-	-	-	0.137
TECH TNG MANAGEMENT SYSTEM	A		-	-	-	-	-	-	-	-	0.105	-	-	0.281	-	-	-	-	-	0.281
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	0.343	-	-	0.418	-	-	-	-	-	0.418
Total			-	-	-	-	-	-	-	-	0.343	-	-	0.418	-	-	-	-	-	0.418

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4	P-1 Line Item Number / Title: 834010 / General Information Technology	Aggregated Items Title: General Information Technology

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
OTHER PROFESSIONAL EDUCATION	A		-	-	-	-	-	-	-	-	0.355	-	-	0.429	-	-	-	-	-	0.429
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	0.355	-	-	0.429	-	-	-	-	-	0.429
Total			-	-	-	-	-	-	-	-	0.355	-	-	0.429	-	-	-	-	-	0.429

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:					P-1 Line Item Number / Title:										Aggregated Items Title:					
3080F / 03 / 4					834010 / General Information Technology										General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
TRAINING SUPPORT	A		-	-	-	-	-	-	-	-	0.722	-	-	0.875	-	-	-	-	-	0.875
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	0.722	-	-	0.875	-	-	-	-	-	0.875
Total			-	-	-	-	-	-	-	-	0.722	-	-	0.875	-	-	-	-	-	0.875

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834010 / General Information Technology									Aggregated Items Title: General Information Technology					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
NexGen IT	A		-	-	0.000	-	-	0.198	-	-	2.661	-	-	0.500	-	-	-	-	-	0.500
Subtotal: Uncategorized			-	-	0.000	-	-	0.198	-	-	2.661	-	-	0.500	-	-	-	-	-	0.500
Total			-	-	0.000	-	-	0.198	-	-	2.661	-	-	0.500	-	-	-	-	-	0.500

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4	P-1 Line Item Number / Title: 834010 / General Information Technology	Aggregated Items Title: General Information Technology

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AF PERSONNEL WEB-BASED CUSTOMER SERVICE	A		-	-	-	-	-	0.443	-	-	0.498	-	-	0.382	-	-	-	-	-	0.382
MILITARY PERSONNEL DATA SYSTEM (MILPDS)	A		-	-	-	-	-	1.089	-	-	1.215	-	-	0.915	-	-	-	-	-	0.915
REGIONALIZATION OF CIV PERS SUPPORT	A		-	-	-	-	-	1.698	-	-	1.572	-	-	1.633	-	-	-	-	-	1.633
AF WIDE INTEGRATED PERSONNEL SERVICE	A		-	-	-	-	-	2.510	-	-	1.024	-	-	2.222	-	-	-	-	-	2.222
Subtotal: Uncategorized			-	-	-	-	-	5.740	-	-	4.309	-	-	5.152	-	-	-	-	-	5.152
Total			-	-	-	-	-	5.740	-	-	4.309	-	-	5.152	-	-	-	-	-	5.152

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects							P-1 Line Item Number / Title: 834040 / AF Global Command & Control Sys					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements: 0303150F, 0503218F				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	14.605	53.559	19.010	-	19.010	12.392	14.821	15.027	14.248	-	143.662
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	14.605	53.559	19.010	-	19.010	12.392	14.821	15.027	14.248	-	143.662
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	14.605	53.559	19.010	-	19.010	12.392	14.821	15.027	14.248	-	143.662
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: PE 0303150 GLOBAL COMMAND AND CONTROL SYSTEM												
GLOBAL COMMAND AND CONTROL SYSTEM AIR FORCE (GCCS-AF): The GCCS-AF program provides the common AF infrastructure hardware and software necessary to pass AF command and control (C2) data among commands, their components, and the joint GCCS. This program procures GCCS components which include, but are not limited to, servers, work stations, commercial-off-the-shelf (COTS) software, and associated peripherals to provide users with the full suite of joint baseline capability (including the common operating picture) and AF specific applications such as the Deliberate Crisis Action Planning and Execution Segments (DCAPES), and the AF's feed into the Joint Operations Planning and Execution System (JOPES). GCCS-AF is integrated at the following locations to establish initial and full joint connectivity and operational capability across the spectrum of intelligence, operations, manpower, and logistics: AF supported warfighting commanders, Headquarters United States Air Force, Major Command headquarters (MAJCOM), numbered air forces, wings, Air National Guard (ANG) bases, Air Force Reserve (AFR) bases, and remote sites. Each site will comply with current Air Force and Department of Defense (DoD) network initiatives by employing a standardized interface among AF base-level classified C2 networks, AF base-level network control centers, and the joint Defense Information Systems Agency Secret Internet Protocol Router Network. This program provides a flexible open system, distributed C2 architecture necessary to support the joint GCCS. GCCS supports AF operations by installing and upgrading a site's classified C2 system through extensive use of COTS technology that adheres to AF command and control, communications, and computer architectures and standards.												
In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.												
Note: FY14 Contains \$40,000,000 for equipment for Air National Guard MQ 1/9 Remote Split Operations. Funding to be moved to PE 0503218F.												
Funding for this exhibit contained in PE 0303150F.												
PE 0503218F MQ-9 Unmanned Aerial Vehicle (UAV) (ANG)												
MQ-9 Squadron Operations Center (SOC) Standup.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects	P-1 Line Item Number / Title: 834040 / AF Global Command & Control Sys

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0303150F, 0503218F

This is not a New Start. Prior to FY15, funding was in PE 0303150. The FY13 Air Force Total Force Proposal (TFP) established five additional/new MQ-1/9 Remote Split Operation (RSO) units in the ANG at: Fort Smith, Arkansas; Des Moines, Iowa; Battle Creek, Michigan; Niagara, New York; and, Horsham, Pennsylvania. The TFP also established two new Targeting units at: Des Moines, Iowa; and, Fargo, North Dakota and CSAF directed the stand-up of a third Targeting unit at Fort Smith, Arkansas. In order to conduct the MQ-9 RSO and Targeting mission, specific mission equipment is required.

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

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	14.045	13.159	8.891	-	8.891	-	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.560	40.400	10.022	-	10.022	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	0.097	-	0.097	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	14.605	53.559	19.010	-	19.010	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - GCCS-AF IMPLEMENTATION (AD)	P-40a	A	-	-	-	-	-	6.087	-	-	5.301	-	-	3.877	-	-	-	-	-	3.877
Item - GCCS-AF IMPLEMENTATION (ANG)	P-40a	A	-	-	-	-	-	0.560	-	-	0.400	-	-	0.110	-	-	-	-	-	0.110
Item - GCCS-AF IMPLEMENTATION (AFR)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	0.097	-	-	-	-	-	0.097
Item - GCCS-AF IMPLEMENTATION (PROGRAM MANAGEMENT ADMINISTRATION)	P-40a	A	-	-	-	-	-	1.532	-	-	1.180	-	-	1.176	-	-	-	-	-	1.176
Item - GCCS-AF IMPLEMENTATION (INTEGRATION AND INSTALLATION)	P-40a	A	-	-	-	-	-	6.426	-	-	6.678	-	-	3.838	-	-	-	-	-	3.838

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects											P-1 Line Item Number / Title: 834040 / AF Global Command & Control Sys										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0303150F, 0503218F									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - EQUIPMENT FOR AIR NATIONAL GUARD MQ 1/9 REMOTE SPLIT OPERATIONS	P-40a	A	-	-	-	-	-	-	-	-	40.000	-	-	-	-	-	-	-	-	-	
Item - MQ-9 SOC Standup	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	9.912	-	-	-	-	-	9.912	
Total Gross/Weapon System Cost			-	-	-	-	-	14.605	-	-	53.559	-	-	19.010	-	-	-	-	-	19.010	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0303150F GLOBAL COMMAND AND CONTROL SYSTEM GLOBAL COMMAND AND CONTROL SYSTEM AIR FORCE (GCCS-AF): FY15 procurement funding procures various types and quantities of hardware and software in support of installation and unit mission requirements for Air Force personnel. These funds provide for the procurement and installation of GCCS-AF hardware and software (government-off- the-shelf and commercial-off-the-shelf) at warfighter Combatant Command (COCOM), MAJCOM, ANG, and AFR locations providing a full spectrum of command, control, logistics, and intelligence capability from strategic to unit level operations with total joint service connectivity. Funds replace logistically unsupportable MAJCOM C2 systems to accept advancements in the Air Force and joint GCCS software. The classified command and control infrastructure of MAJCOM C2 facilities (e.g. command posts) will be replaced by installing state-of-the-art components for improved integration, interoperability, data throughput, and system security required for SIPRNET connectivity. The procured application and database servers, enclave protection components, and end-user equipment support multiple existing and new sites and support the deployment of the DCAPES application. The GCCS architecture supports functional users on each base and specifically incorporates manpower and logistics functions into GCCS. This fielding is consistent with the AF's Air Expeditionary Force C2 structure and integration with DoD's emerging next generation joint C2 enabler. PE 0503218F MQ-9 UAV (ANG) This is not a New Start. Prior to FY15 funding was in PE 0303150F. MQ-9 Remote Split Operation (RSO) Funding procures, tests, installs, and integrates the required Squadron Operation Center (SOC) and high capacity communications needed to bed down four locations in order to conduct the MQ-9 RSO mission. Equipment includes hardware, software, communication infrastructure, power supply systems, generators, and maintenance equipment required to support 24 hour, 7 days a week (24/7) operations. Funding for this effort is in PE 53218F. Targeting Funding procures and installs targeting mission-specific equipment (hardware & software) and communication infrastructure to support target development and weaponeering at three ANG locations to meet COCOM mission requirements.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834040 / AF Global Command & Control Sys								Aggregated Items Title: AF Global Command & Control Sys					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
GCCS-AF IMPLEMENTATION (AD)	A		-	-	-	-	-	6.087	-	-	5.301	-	-	3.877	-	-	-	-	-	3.877
Secondary Distribution																				
AF				-	-		-	6.087		-	5.301		-	3.877		-	-		-	3.877
GCCS-AF IMPLEMENTATION (ANG)	A		-	-	-	-	-	0.560	-	-	0.400	-	-	0.110	-	-	-	-	-	0.110
Secondary Distribution																				
AFNG				-	-		-	0.560		-	0.400		-	0.110		-	-		-	0.110
GCCS-AF IMPLEMENTATION (AFR)	A		-	-	-	-	-	-	-	-	-	-	-	0.097	-	-	-	-	-	0.097
Secondary Distribution																				
AFR				-	-		-	-		-	-		-	0.097		-	-		-	0.097
GCCS-AF IMPLEMENTATION (PROGRAM MANAGEMENT ADMINISTRATION)	A		-	-	-	-	-	1.532	-	-	1.180	-	-	1.176	-	-	-	-	-	1.176
Secondary Distribution																				
AF				-	-		-	1.532		-	1.180		-	1.176		-	-		-	1.176
GCCS-AF IMPLEMENTATION (INTEGRATION AND INSTALLATION)	A		-	-	-	-	-	6.426	-	-	6.678	-	-	3.838	-	-	-	-	-	3.838
Secondary Distribution																				
AF				-	-		-	6.426		-	6.678		-	3.838		-	-		-	3.838
EQUIPMENT FOR AIR NATIONAL GUARD MQ 1/9 REMOTE SPLIT OPERATIONS	A		-	-	-	-	-	-	-	-	40.000	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AFNG				-	-		-	-		-	40.000		-	-		-	-		-	-
Subtotal: Uncategorized			-	-	-	-	-	14.605	-	-	53.559	-	-	9.098	-	-	-	-	-	9.098
Total			-	-	-	-	-	14.605	-	-	53.559	-	-	9.098	-	-	-	-	-	9.098

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834040 / AF Global Command & Control Sys									Aggregated Items Title: MQ-9 UAV (ANG)					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
MQ-9 SOC Standup	A		-	-	-	-	-	-	-	-	-	-	-	9.912	-	-	-	-	-	9.912
Secondary Distribution																				
AFNG				-	-		-	-		-	-		-	9.912		-	-		-	9.912
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	-	-	-	9.912	-	-	-	-	-	9.912
Total			-	-	-	-	-	-	-	-	-	-	-	9.912	-	-	-	-	-	9.912

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects							P-1 Line Item Number / Title: 834070 / Mobility Command and Control					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	10.237	9.384	11.462	-	11.462	11.472	10.317	10.497	10.686	-	74.055
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	10.237	9.384	11.462	-	11.462	11.472	10.317	10.497	10.686	-	74.055
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	10.237	9.384	11.462	-	11.462	11.472	10.317	10.497	10.686	-	74.055
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date. Description: PE 0401840F MOBILITY COMMAND AND CONTROL GLOBAL MOBILITY COMMAND AND CONTROL (C2) ARCHITECTURE AIR MOBILITY COMMAND (AMC): The AMC C2 architecture is an integrated, command-wide program that supports US Air Force airlift/air refueling missions around the globe with centralized control/decentralized execution. To execute America's Global Reach mission, Air Mobility Command's 618th Air Operations Center (AOC) plans, schedules, and directs a fleet of more than 1,300 mobility aircraft. The 618th AOC operates combat delivery, strategic airlift, air refueling, and aeromedical evacuation operations around the world. Funding for this exhibit contained in program element (PE) 0401840F. a. WING LOCAL AREA NETWORK (LAN): Wing LAN provides equipment in support of AMC's 618th AOC and its 12 bases for an enhanced, robust, and reliable command-wide intra-building wired and intra-base wireless networking infrastructure to support AMC's command and control (C2) systems to ensure they remain operational at AMC bases and operating locations. The Wing LAN infrastructure ensures connectivity with critical Air Force systems such as the Information Transport System (ITS), Global Combat Support System (GCSS) and the Global Decision Support System (GDSS); AMC's C2 systems such as the Consolidated Air Mobility Planning System (CAMPS) and Advanced Computer Flight Planning (ACFP) system and the infrastructure for Land Mobile Radio (LMR) systems across AMC providing intra-base command and control for base security, emergency management, flightline operations/maintenance, and crash response. b. DEPLOYED SATELLITE COMMUNICATIONS (DSATCOM): Provides C2 communications capabilities for deployed Mobility C2 forces and mission support team C2 operations. These operations rapidly install mission support communications at austere base locations where communications to support air mobility operations are nonexistent or insufficient. The DSATCOM program is the primary funding vehicle for procuring communications equipment supporting these components. The resources directly support C2 and In-Transit Visibility (ITV) of deployed and enroute personnel, aircraft, and cargo providing critical communications to Contingency Response Groups (CRGs). CRGs are self-sufficient groups of multi-skilled, highly-trained airmen, representing different Air Force specialty codes, who can rapidly deploy anywhere in the world with little notice to open air bases for any follow-on mission. The AN/TSC-159A Hard-side Expandable Lightweight Air Mobile Shelter (HELAMS) is the primary weapon system providing this support. It is a rapidly deployable, self-contained C2/ITV command center. This shelter functions as the base command post during the initial phases of airbase build-up. It contains integrated communications equipment such as radios, computers, printers and fax machines. PE 0401897F TRAINING												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects											P-1 Line Item Number / Title: 834070 / Mobility Command and Control									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
MOBILITY AIR FORCE DISTRIBUTED MISSION OPERATIONS (MAF DMO). Supports the modification and enhancement of high-fidelity MAF aircrew training and support systems to ensure full employment of DMO capabilities to meet combat readiness training needs. Use of enhanced DMO-capable (simulator) trainers provides a cost-effective means of conducting daily training, mission rehearsal, joint force exercise, and tactics development activity. Funding for this exhibit contained in PE 0401897F. PE 0408011F SPECIAL TACTICS/COMBAT CONTROL AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC) TACTICAL COMMAND AND CONTROL (TAC C2) PROGRAM: AFSOC TAC C2 program purchases enhanced communication systems and equipment essential for special tactics (ST) combat controllers, pararescue personnel, combat weather operators, and tactical air control parties to perform their mission. The ST operators use this equipment to gather and transmit assault zone suitability and weather data and to perform tactical airfield/assault landing/drop zone operations. Funding for this exhibit contained in PE 0408011F.																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - WING LOCAL AREA NETWORK (LAN) - Network Infrastructure	P-40a	A	-	-	-	3.862	1	3.862	4.379	1	4.379	7.875	1	7.875	-	-	-	7.875	1	7.875
Item - WING LOCAL AREA NETWORK (LAN) - Land Mobile Radio (LMR) Systems	P-40a	A	-	-	-	3.288	1	3.288	4.400	1	4.400	2.870	1	2.870	-	-	-	2.870	1	2.870
Item - DEPLOYED SATELLITE COMMUNICATIONS (DSATCOM)	P-40a	A	-	-	-	0.234	4	0.934	0.300	1	0.300	0.350	1	0.350	-	-	-	0.350	1	0.350
Item - MOBILITY AIR FORCE DISTRIBUTED MISSION OPERATIONS	P-40a	A	-	-	-	1.820	1	1.820	-	-	-	-	-	-	-	-	-	-	-	-
Item - AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC) TACTICAL COMMAND AND CONTROL (TAC C2) PROGRAM	P-40a	A	-	-	-	-	-	0.333	-	-	0.305	-	-	0.367	-	-	-	-	-	0.367
Total Gross/Weapon System Cost			-	-	-	-	-	10.237	-	-	9.384	-	-	11.462	-	-	-	-	-	11.462
*For Items, Title represents the Item Number / Title [DODIC].																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: PE 0401840F MOBILITY COMMAND AND CONTROL																				

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834070 / Mobility Command and Control
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Wing Local Area Network (LAN): FY15 funding continues procurement of wired and wireless base network infrastructure equipment to include cabling, routers, bridges, hubs, repeaters, switches and LMR trunking systems to ensure information technology remains current and interoperability with AMC C2 systems is maintained to meet the needs of the warfighter and the AMC mission. DSATCOM: FY15 funding will be used to continue refurb/capital equipment replacement of communications equipment for the HELAM shelters. PE 0401897F TRAINING MOBILITY AIR FORCE DISTRIBUTED MISSION OPERATIONS: No FY15 funding requested. PE 0408011F SPECIAL TACTICS / COMBAT CONTROL AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC) TACTICAL COMMAND AND CONTROL (TAC C2) PROGRAM: FY15 funds purchase new tactical radios, airfields surveying equipment, advanced weather equipment, tactical airfield/drop zone marking beacons, and ancillary support equipment.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4	P-1 Line Item Number / Title: 834070 / Mobility Command and Control	Aggregated Items Title: Mobility Command and Control

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
WING LOCAL AREA NETWORK (LAN) - Network Infrastructure	A		-	-	-	3.862	1	3.862	4.379	1	4.379	7.875	1	7.875	-	-	-	7.875	1	7.875
WING LOCAL AREA NETWORK (LAN) - Land Mobile Radio (LMR) Systems	A		-	-	-	3.288	1	3.288	4.400	1	4.400	2.870	1	2.870	-	-	-	2.870	1	2.870
DEPLOYED SATELLITE COMMUNICATIONS (DSATCOM)	A		-	-	-	0.234	4	0.934	0.300	1	0.300	0.350	1	0.350	-	-	-	0.350	1	0.350
Subtotal: Uncategorized			-	-	-	-	-	8.084	-	-	9.079	-	-	11.095	-	-	-	-	-	11.095
Total			-	-	-	-	-	8.084	-	-	9.079	-	-	11.095	-	-	-	-	-	11.095

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834070 / Mobility Command and Control									Aggregated Items Title: Mobility Command and Control					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
MOBILITY AIR FORCE DISTRIBUTED MISSION OPERATIONS	A		-	-	-	1.820	1	1.820	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	1.820	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	1.820	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4									P-1 Line Item Number / Title: 834070 / Mobility Command and Control							Aggregated Items Title: Mobility Command and Control					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC) TACTICAL COMMAND AND CONTROL (TAC C2) PROGRAM	A		-	-	-	-	-	0.333	-	-	0.305	-	-	0.367	-	-	-	-	-	0.367	
Subtotal: Uncategorized			-	-	-	-	-	0.333	-	-	0.305	-	-	0.367	-	-	-	-	-	0.367	
Total			-	-	-	-	-	0.333	-	-	0.305	-	-	0.367	-	-	-	-	-	0.367	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects						P-1 Line Item Number / Title: 834130 / Air Force Physical Security System						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	64.436	43.238	37.426	-	37.426	123.138	72.960	61.089	61.908	-	464.195
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	64.436	43.238	37.426	-	37.426	123.138	72.960	61.089	61.908	-	464.195
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	64.436	43.238	37.426	-	37.426	123.138	72.960	61.089	61.908	-	464.195
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: The Air Force (AF) Physical Security Systems program provides turnkey procurement, installation, integration, and acceptance testing of base defense physical security systems to protect aircraft, to include remotely pilot aircraft and infrastructure required to operate them, missiles, nuclear weapons, and other critical war fighting resources on more than 200 locations worldwide to include active AF, Air Force Reserve, and Air National Guard locations as well as numerous expeditionary, temporary, and semi-fixed locations. At some locations, the AF has a need to provide initial physical security systems. At other locations, there is a continuing need to upgrade and modernize existing physical security systems presently installed at fixed sites worldwide. These existing systems must be replaced or upgraded approximately every five years, depending on environmental conditions, type of sensor, and availability of spare parts due to technical obsolescence. The program funds modern security systems such as, but not limited to, Intrusion Detection Systems (IDS); Visual Detection and Assessment Systems (VDAS), ground surveillance radar systems; explosive detection systems; physical delay and/or denial systems; fence-mounted sensor systems which can include integration into an existing fence, refurbishment/replacement of an existing fence or initial installation of a fence/lighting/refurbishment/installation of lighting to support visuals assessment systems; access control systems; identity management systems; and annunciator/data fusion systems that provide comprehensive battle-space awareness. The program also funds night vision/reconnaissance, surveillance and target acquisition technologies required for Air Force Security Forces personnel to engage enemy forces twenty-four hours a day under conditions of degraded visibility due to darkness, adverse weather, battlefield obscurants, foliage and man-made structures. These devices enable near to long range target acquisition, identification and engagement to include significant fratricide reduction, which improves battlefield command and control 24/7 home station and combat operations. It focuses on technology that can bring an immediate improvement to the mounted/dismounted Airman's equipment. It develops or enhances equipment that provides the individual Airman day/night situational awareness and individual targeting capability as a complete weapon system; funds also support the use of investment equipment for major range and test facilities. Program funds are also used to pay for power and communication infrastructure and other IDS support requirements (e.g. HVAC for temperature control within server and annunciator control rooms). IDS are required for Protection Levels (PL) 1 - 4 assets and facilities (ex. AF aircraft parking areas). The program will respond to transient and on-going security threats and provide tactical, semi-permanent and fixed site security systems which may require design & engineering, installation, infrastructure and allied support, integration, acceptance testing, modeling and simulation, training, Multiple Integrated Laser Engagement System (MILES) Gear, and interim contractor support. This program also directly supports the Homeland Defense elements of antiterrorism, counterterrorism, critical infrastructure protection, intelligence, and consequence management. Other physical security delay/denial systems funded in this program include remotely operated mobile sensor systems to include directed energy weapons for force protection applications, non-lethal weapons, and remotely operated weapons mounting & fire control systems. This program also funds testing of physical security systems and equipment at various test locations. Provides Tactical and Expeditionary Security Systems (TESS)designed to provide deployable perimeter base defense worldwide. These Tactical & Expeditionary security systems employs sensors, assessment devices, alarm monitors, data communications links and power equipment to form a continuous electronic security envelope around critical resources and installation perimeters, improving the ability of Air Force (AF) Security Forces (SF) to see, understand and act first to defeat our enemies. Designs are modular and tailored to support any requirement and include line and wide area detection and assessment systems such as ground surveillance radar and unmanned ground/airborne surveillance systems.												
PE 0101122F AIR-LAUNCHED CRUISE MISSILE (ALCM)												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834130 / Air Force Physical Security System
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
AIR LAUNCHED CRUISE MISSILE (ALCM) SECURITY SYSTEMS: Funds procurement of intrusion detection sensors, alarm annunciators, surveillance systems and related security system equipment needed to replace unsupportable, aging and obsolete ALCM security command and control systems/equipment. PE 0101213F MINUTEMAN SQUADRONS Minuteman Security Equipment: Funds procurement of intrusion detection sensors, alarm annunciators, and surveillance systems required to maintain and replace critical Minuteman warhead storage security command and control subsystems that can no longer be supported. PE 0207588F: AIR BASE GROUND DEFENSE (ABD) Air Force Tactical Security Equipment: The Tactical Automated Security System (TASS) is designed to be rapidly deployed to austere, temporary and semi-permanent locations in order to enforce circulation control, detect/assess intrusion attempts, and delay/deny hostile elements. When correctly configured, TASS will provide an additional layer of protection to deployed service members. The personnel and equipment provided by this program contributes to the overall Air Force antiterrorism/force protection program. It enhances security forces ability to provide rapid responses by building more deployable, flexible, and sustainable forces capable of operating from other than main operating bases to support sustained sortie generation and air operations. Tactical/Expeditionary capability provided through TASS will undergo modernization investment to address aging components in the systems that are becoming obsolete. The Tactical/Expeditionary equipment is required to provide robust force protection capabilities worldwide. Equipment includes, but is not limited to various personnel, vehicle and movement sensors; fixed and mobile alarm annunciation equipment; devices capable of providing all weather day/night remote visual assessment in fixed or 360 degree direction (PTZ); recordable CCTV; C3 nodes. PE 0207589F: BASE PHYSICAL SECURITY SYSTEM (BPSS) INTEGRATED BASE DEFENSE SECURITY SYSTEM (IBDSS): Reduces the risk to AF personnel; nuclear (PL-1N), and non-nuclear (PL1-4) assets (weapon systems, aircraft, command & control systems, etc.) and facilities (hangars, SCIFs, etc.) at AF, ANG, and AFR installations globally. DoD downsizing, reductions in forward basing, and aircraft technology advances evolved AF weapons systems into increasingly valuable national power projection capabilities. However, the security afforded most AF aircraft, weapon systems, other critical resources, and associated personnel and facilities in terms of equipment or manpower has not kept pace with the changing world environment, state-of-the-art technology and potential threats. The emergence of Remotely Piloted Aircraft (RPA) has led to additional command, control and communications nodes that require Protection Level security to enable effective Air Force power projection. Force Protection BPSS projects support long-term physical security requirements which allow security forces to adapt to and counter enduring and emerging threats to high priority to meet both BPSS and critical security requirements in accordance with the Aerospace Expeditionary Force concept. This continuing effort was previously named Base Physical Security Systems and is not a New Start. PE 0208047F ANTI-TERRORISM Tactical and Expeditionary Security Systems: This activity procures non-developmental solutions and Commercial-off-the-Shelf (COTS) technologies to satisfy requirements. Each system purchased costs in excess of \$250K/unit. Defense Biometrics Identification System (DBIDS) is fully accredited through the Department of Defense Information Assurance Certification and Accreditation Process and complies with Homeland Security Presidential Directives 6, 11, 12 and 24, and the Federal Information Processing Standard 201. DBIDS is already installed at more than 100 sites across the Air Force; this line funds procurement for the remaining required sites. Furthermore, targeted and rapid procurement/installation of TASS is often required to protect resources that have been evaluated as potentially soft targets for terrorist attacks. The system itself functions as an enrollment station for all personnel who require routine and short term access to installations. It collects biographic and biometric information and is capable of issuing locally produced credentials and temporary passes. DBIDS procurement and installation also supports the Ft Hood Report recommendation #31.4.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force												Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects										P-1 Line Item Number / Title: 834130 / Air Force Physical Security System										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - AIR LAUNCHED CRUISE MISSILE (ALCM) SECURITY SYSTEMS	P-40a	A	-	-	-	-	-	1.632	-	-	1.125	-	-	1.989	-	-	-	-	-	1.989
Item - Minuteman Security Equipment	P-40a	A	-	-	-	-	-	0.697	-	-	0.481	-	-	0.850	-	-	-	-	-	0.850
Item - Air Force Tactical Security Equipment	P-40a	A	-	-	-	-	-	4.229	-	-	2.947	-	-	5.429	-	-	-	-	-	5.429
Item - INTEGRATED BASE DEFENSE SECURITY SYSTEM (IBDSS)	P-40a	A	-	-	-	-	-	49.488	-	-	32.089	-	-	19.582	-	-	-	-	-	19.582
Item - Tactical and Expeditionary Security Sysytems	P-40a	A	-	-	-	-	-	8.390	-	-	6.596	-	-	9.576	-	-	-	-	-	9.576
Total Gross/Weapon System Cost			-	-	-	-	-	64.436	-	-	43.238	-	-	37.426	-	-	-	-	-	37.426
*For Items, Title represents the Item Number / Title [DODIC].																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: PE 0101122F AIR-LAUNCHED CRUISE MISSILE (ALCM) AIR LAUNCHED CRUISE MISSILE (ALCM) SECURITY SYSTEMS: FY15 continues funding the replacement and integration of the perimeter and exterior/interior security system at WSAs. Funds provide security upgrade planning at various other WSAs and priority AF locations. PE 0101213F MINUTEMAN SQUADRONS Minuteman Security Equipment: FY15 funds procurement of intrusion detection sensors, alarm annunciators, and surveillance systems required to maintain and replace critical Minuteman warhead storage security command and control subsystems that can no longer be supported. PE 0207588F AIR BASE GROUND DEFENSE Air Force Tactical Security Equipment: FY15 funding will procure fixed site Intrusion Detection Systems (IDS),and Biometric Identification Systems (BIS) for Protection Levels (PL) 1/2/3/4 as well as automated, tactical/expeditionary equipment that is required to provide robust force protection capabilities worldwide; flight-line security, aircraft, intelligence, surveillance, and reconnaissance assets, and critical infrastructure, sustained sortie generation and air operations, advanced technology force multipliers to include: night vision and thermal imagery equipment, counter sniper/battery capabilities, ground weapons, target acquisition radar, interoperable tactical communications, [required C3 and protective standoff equipment for] wheeled tactical, [non-tactical], armored [and un-armored] vehicles, tactical sensors systems, and unit/personnel protective field equipment. The funds also provides for [initial] and sustainment [training] of security forces (CONUS,OCONUS, and in-place mobility) assigned to detect and defeat various threats directed against AF resources and personnel during peacetime contingencies and execution of war plans. FY15 also funds Expeditionary IDS for PL1/2/3/4 resources used at bare base, austere, temporary and semi-permanent locations. PE 0207589F: BASE PHYSICAL SECURITY SYSTEM (BPSS)																				

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834130 / Air Force Physical Security System
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
INTEGRATED BASE DEFENSE SECURITY SYSTEM (IBDSS): FY15 funding is provided for procurement, design & engineering, modeling & simulation, infrastructure and allied support, installation, integration, training, acceptance testing, Interim Contractor Support (ICS) and interim spares for BPSS Intrusion Detection Systems (IDS). The funding also procures, installs and sustains a variety of electronic security alarms, sensors, and related systems to detect and provide early warning of potential threats against Air Force Protection Level (PL) I, II, and III mission critical assets. Funding also supports the Nuclear (PL-1N) Weapon Storage Areas (WSAs) located throughout the CONUS and vault storage areas at main operating bases in Europe to meet long term physical security requirements in the face of enduring and emerging threats. This also includes modernization to maintain required capability for vault storage areas and associated intrusion detection, access control and assessment systems requirements, In Accordance With (IAW) USAF, EUCOM and NATO/SHAPE requirements. The FY15 funds also provide for upgrades, refurbishment, replacement or installation of new fences (required for sensor platforms) and/or lighting systems (to support the surveillance/assessment functions). PE 0208047F ANTI-TERRORISM Tactical and Expeditionary Security Sysytems: FY15 funds antiterrorism activities for the Air Force. Primarily, this line funds the Air Force's only perimeter installation access control system, the Defense Biometrics Identification System (DBIDS). This line also funds mitigation efforts for Air Force vulnerabilities identified in Air Force and Joint higher headquarters inspections and vulnerability assessments, procurement of intrusion detection systems which greatly enhance the effectiveness of AF antiterrorism program efforts to detect, deter, and defend service members, civilian employees, family members, facilities, and other AF resources around the globe against terrorist attacks.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834130 / Air Force Physical Security System									Aggregated Items Title: Air-Launched Cruise Missile (ALCM)					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AIR LAUNCHED CRUISE MISSILE (ALCM) SECURITY SYSTEMS	A		-	-	-	-	-	1.632	-	-	1.125	-	-	1.989	-	-	-	-	-	1.989
Subtotal: Uncategorized			-	-	-	-	-	1.632	-	-	1.125	-	-	1.989	-	-	-	-	-	1.989
Total			-	-	-	-	-	1.632	-	-	1.125	-	-	1.989	-	-	-	-	-	1.989

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834130 / Air Force Physical Security System									Aggregated Items Title: Minuteman Squadrons					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Minuteman Security Equipment	A		-	-	-	-	-	0.697	-	-	0.481	-	-	0.850	-	-	-	-	-	0.850
Subtotal: Uncategorized			-	-	-	-	-	0.697	-	-	0.481	-	-	0.850	-	-	-	-	-	0.850
Total			-	-	-	-	-	0.697	-	-	0.481	-	-	0.850	-	-	-	-	-	0.850

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Number / Title:								Aggregated Items Title:					
3080F / 03 / 4							834130 / Air Force Physical Security System								Air Base Ground Defense					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Air Force Tactical Security Equipment	A		-	-	-	-	-	4.229	-	-	2.947	-	-	5.429	-	-	-	-	-	5.429
Subtotal: Uncategorized			-	-	-	-	-	4.229	-	-	2.947	-	-	5.429	-	-	-	-	-	5.429
Total			-	-	-	-	-	4.229	-	-	2.947	-	-	5.429	-	-	-	-	-	5.429

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4								P-1 Line Item Number / Title: 834130 / Air Force Physical Security System							Aggregated Items Title: Base Physical Security System				

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
INTEGRATED BASE DEFENSE SECURITY SYSTEM (IBDSS)	A		-	-	-	-	-	49.488	-	-	32.089	-	-	19.582	-	-	-	-	-	19.582
Subtotal: Uncategorized			-	-	0.000	-	-	49.488	-	-	32.089	-	-	19.582	-	-	-	-	-	19.582
Total			-	-	0.000	-	-	49.488	-	-	32.089	-	-	19.582	-	-	-	-	-	19.582

Remarks:
(1), This line is comprised of multiple procurement actions, and funds multiple procurement actions/purchases of tactical equipment for deployable logistic details.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834130 / Air Force Physical Security System							Aggregated Items Title: Antiterrorism						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Tactical and Expeditionary Security Sysytems	A		-	-	-	-	-	8.390	-	-	6.596	-	-	9.576	-	-	-	-	-	9.576
Subtotal: Uncategorized			-	-	0.000	-	-	8.390	-	-	6.596	-	-	9.576	-	-	-	-	-	9.576
Total			-	-	0.000	-	-	8.390	-	-	6.596	-	-	9.576	-	-	-	-	-	9.576

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects							P-1 Line Item Number / Title: 834190 / Combat Training Ranges					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items: 0207429F					Other Related Program Elements: 0305116F, 0604735F				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	28.351	18.431	26.634	-	26.634	19.545	17.679	19.476	19.825	-	149.94
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	28.351	18.431	26.634	-	26.634	19.545	17.679	19.476	19.825	-	149.94
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	28.351	18.431	26.634	-	26.634	19.545	17.679	19.476	19.825	-	149.94
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description:												
This program procures electronic telecommunication and instrumentation equipment and systems for training ranges worldwide. These systems provide real-time monitoring and control of aircrew air-to-air, air-to-ground, ground-to-air, and Electronic Warfare (EW) training along with the ability to record and play back events for aircrew debriefing and analysis. This program also procures weapons scoring systems and advanced threat simulator systems to satisfy EW training capability requirements. This P-1 line also procures ground subsystems for air combat training system (ACTS) P5 pods and the target control system (TCS) for target drones. This program ensures software interoperability among service ranges, the encryption of range/aircraft data links, and associated communication devices.												
PE 0207429F COMBAT TRAINING RANGE EQUIPMENT												
P5 COMBAT TRAINING SYSTEMS (P5CTS): This system provides the instrumentation to conduct air combat training in any available airspace worldwide and eliminates the need to fly over highly instrumented ground ranges. Ground subsystems include Fixed and Transportable Ground Systems (FGS/TGS) with and without live monitors, Portable Ground Systems (PGS), Range Remote Units (RRU), Ground Interface Modules (GIM), and Radiant Mercury (RM) cross-domain solutions to include acquisition, site activation, installation and training at Air Force Installations and Air National Guard (ANG) Combat Readiness installation centers.												
RANGE EQUIPMENT: This effort delivers range infrastructure and equipment. One such effort is the Joint Advanced Weapon Scoring System (JAWSS) program, which consists of Navy-developed scoring systems that upgrade the weapon (bombing and gunnery) and laser spot scoring on ranges. The equipment provide multiple new capabilities, to include scoring of day or night operations, production of a data stream with immediate displays, and results transmission to the pilot providing immediate feedback previously unavailable to aircrew. Other Electronic Warfare (EW) threat subsystems such as noise and spoofing jammers as well as radar and detection systems, communications infrastructure, data link connectivity and target shells will be procured in order to monitor and control an extended, realistic target environment for simulated ordnance delivery and aircrew training for airborne laser designators												
JOINT THREAT EMITTER (JTE): The Joint Threat Emitter is designed to train aircrews to survive in a combat environment against Surface-to-Air Missile (SAM) and Anti-Aircraft Artillery (AAA) threats. The JTE simulates SA-2, SA-3, SA-6, SA-13 and AAA threat signals which interact with the aircraft Radar Warning Receiver and Electronic Countermeasure system to provide realistic Electronic Warfare training environments for pilots and crewmembers. The JTE is intended to reduce range manpower and resource requirements by replacing legacy systems as they face increasing supportability issues. The JTE leverages Commercial-Off-The Shelf (COTS) where possible. The JTE system uses either a mobile command-and-control unit (MC2U) or a Fixed Command and Control Unit (FC2U). Funding will also be used to purchase services applicable to the acquisition, site activation and implementation of the ground system including range site surveys, installation and training.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects	P-1 Line Item Number / Title: 834190 / Combat Training Ranges

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0207429F	Other Related Program Elements: 0305116F, 0604735F

LEGACY SYSTEMS: This program procures replacement equipment for multiple obsolete legacy range threat systems (RTS) to extend their serviceable life. Legacy RTS including Miniature Multiple Threat Emitter System (Mini MUTES); Multiple Threat Emitter System (MUTES); Modular Threat Emitter (MTE); Tactical Range Threat Generator (TRTG); Unmanned Threat Emitter (UMTE), Common Electronic Attack Receiver, and band simulators and their associated mission support equipment/software.

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

PE 0305116F AERIAL TARGETS

TARGET CONTROL SYSTEMS (TCS): Data Link System Replacement (DLSr) The current Data Link system units in use at Tyndall AFB contain many obsolete parts and are no longer repairable due to lack of replacement parts. Repairs are made today through cannibalization of other units currently in use or intended as backup units, and the population of these units is becoming depleted with less than 3 "full up spares" left. The DLSr will be compatible with legacy targets operation on the Tyndall range. The DLSr will integrate into current Gulf Range Drone Control System (GRDCS) system. The DLSr will be able to be remotely configured to function as a relay, master, or slave to better enable the dynamic weapon system evaluation program (WSEP) environment and incorporate advancements in targets such as the QF-16.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - P5CTS	P-5		-	-	-	-	-	1.892	-	-	2.432	-	-	-	-	-	-	-	-	-
Item - RANGE EQUIPMENT	P-5		-	-	-	-	-	13.880	-	-	12.600	-	-	9.850	-	-	-	-	-	9.850
Item - JTE	P-5		-	-	-	-	-	11.119	-	-	0.853	-	-	13.452	-	-	-	-	-	13.452
Item - LEGACY SYSTEMS	P-5		-	-	-	-	-	0.666	-	-	0.054	-	-	0.278	-	-	-	-	-	0.278
Item - TARGET CONTROL SYSTEM	P-5		-	-	-	-	-	0.794	-	-	2.492	-	-	3.054	-	-	-	-	-	3.054
Total Gross/Weapon System Cost			-	-	-	-	-	28.351	-	-	18.431	-	-	26.634	-	-	-	-	-	26.634

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

PE 0207429F COMBAT TRAINING RANGE EQUIPMENT

P5 COMBAT TRAINING SYSTEMS (P5CTS): No funding requested.

RANGE EQUIPMENT: FY15 funding continues procurement of JAWSS and other range equipment needed on the various combat training ranges.

JOINT THREAT EMITTER (JTE): FY15 funding continues procurement of various threat systems such as JTE, as well as other threat range equipment supporting installation and unit mission requirements.

LEGACY SYSTEMS: FY15 funding continues procurement of various Legacy System components as well as other threat range equipment supporting installation and unit mission requirements.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834190 / Combat Training Ranges
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0207429F	Other Related Program Elements: 0305116F, 0604735F
PE 0305116F AERIAL TARGETS TARGET CONTROL SYSTEMS (TCS): FY15 funding procures Data Link System Replacements (DLS-r) units to replace the obsolete and no longer repairable Data Link System in use at Tyndall AFB.		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force															Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834190 / Combat Training Ranges								Item Number / Title [DODIC]: - / P5CTS						
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total	
Procurement Quantity (<i>Units in Each</i>)					-			-			-			-			-			-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-			1.892			2.432			-			-			-	
Less PY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Net Procurement (P1) (<i>\$ in Millions</i>)					-			1.892			2.432			-			-			-	
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Total Obligation Authority (<i>\$ in Millions</i>)					-			1.892			2.432			-			-			-	
(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>\$ in Millions</i>)					-			-			-			-			-			-	
# The FY 2015 OCO Request will be submitted at a later date.																					
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Hardware - Hardware Cost Element Category Cost																					
Recurring Cost																					
AIR COMBAT TRAINING SYSTEMS (ACTS) P-5 CTS GROUND SUBSYSTEMS (PE0207429F)		A	-	-	-	-	-	-	-	-	2.322	-	-	-	-	-	-	-	-	-	
Subtotal: Recurring Cost			-	-	-	-	-	-	-	-	2.322	-	-	-	-	-	-	-	-	-	
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	-	-	-	-	-	-	2.322	-	-	-	-	-	-	-	-	-	
Support - Support Cost Element Category Cost																					
PMA			-	-	-	-	-	-	-	-	0.106	-	-	-	-	-	-	-	-	-	
Site Activation/ Installation			-	-	-	-	-	1.412	-	-	0.004	-	-	-	-	-	-	-	-	-	
A&AS			-	-	-	-	-	0.480	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Support - Support Cost Element Category Cost			-	-	-	-	-	1.892	-	-	0.110	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost			-	-	-	-	-	1.892	-	-	2.432	-	-	-	-	-	-	-	-	-	

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Exhibit P-5, Cost Analysis: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4			P-1 Line Item Number / Title: 834190 / Combat Training Ranges			Item Number / Title [DODIC]: - / RANGE EQUIPMENT

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	13.880	12.600	9.850	-	9.850
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	13.880	12.600	9.850	-	9.850
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	13.880	12.600	9.850	-	9.850

(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>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
Range Equipment (PE0207429F)	A	-	-	-	-	-	13.880	-	-	12.600	-	-	9.850	-	-	-	-	-	9.850
Subtotal: Recurring Cost		-	-	-	-	-	13.880	-	-	12.600	-	-	9.850	-	-	-	-	-	9.850
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	13.880	-	-	12.600	-	-	9.850	-	-	-	-	-	9.850
Gross/Weapon System Cost		-	-	-	-	-	13.880	-	-	12.600	-	-	9.850	-	-	-	-	-	9.850

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834190 / Combat Training Ranges						Item Number / Title [DODIC]: - / JTE						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		11.119		0.853		13.452		-		13.452				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					-		11.119		0.853		13.452		-		13.452				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					-		11.119		0.853		13.452		-		13.452				
(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>(\$ in Millions)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
Joint Threat Emitter (JTE) units	B	-	-	-	8.444	1	8.444	-	-	-	11.522	1	11.522	-	-	-	11.522	1	11.522
Subtotal: Recurring Cost		-	-	-	-	-	8.444	-	-	-	-	-	11.522	-	-	-	-	-	11.522
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	8.444	-	-	-	-	-	11.522	-	-	-	-	-	11.522
Package Fielding - PackageFielding Cost Element Category Cost																			
Non Recurring Cost																			
Joint Threat Emitter (JTE) Depot Standup	A	-	-	-	1.100	1	1.100	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost		-	-	-	-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	-	-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			
A&AS (PMA)		-	-	-	-	-	0.770	-	-	0.400	-	-	0.406	-	-	-	-	-	0.406
A&AS (DMS)		-	-	-	-	-	0.770	-	-	0.400	-	-	1.025	-	-	-	-	-	1.025
PMA		-	-	-	-	-	0.035	-	-	0.053	-	-	0.499	-	-	-	-	-	0.499
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	1.575	-	-	0.853	-	-	1.930	-	-	-	-	-	1.930
Gross/Weapon System Cost		-	-	-	-	-	11.119	-	-	0.853	-	-	13.452	-	-	-	-	-	13.452

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4								P-1 Line Item Number / Title: 834190 / Combat Training Ranges						Item Number / Title [DODIC]: - / LEGACY SYSTEMS									
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total			
Procurement Quantity (<i>Units in Each</i>)					-			-			-			-			-			-			
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-			0.666			0.054			0.278			-			0.278			
Less PY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-			
Net Procurement (P1) (<i>\$ in Millions</i>)					-			0.666			0.054			0.278			-			0.278			
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-			
Total Obligation Authority (<i>\$ in Millions</i>)					-			0.666			0.054			0.278			-			0.278			
(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>\$ in Millions</i>)					-			-			-			-			-			-			
# The FY 2015 OCO Request will be submitted at a later date.																							
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)			
Hardware - Hardware Cost Element Category Cost																							
Recurring Cost																							
Legacy Range Threat Systems		A	-	-	-	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Recurring Cost			-	-	-	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	-	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-			
PackageFielding - PackageFielding Cost Element Category Cost																							
Recurring Cost																							
Site Survey/Site Setup/Training		A	-	-	-	-	-	-	-	-	-	-	-	0.203	-	-	-	-	-	0.203			
Mission Support		A	-	-	-	-	-	0.166	-	-	0.054	-	-	0.075	-	-	-	-	-	0.075			
Subtotal: Recurring Cost			-	-	-	-	-	0.166	-	-	0.054	-	-	0.278	-	-	-	-	-	0.278			
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost			-	-	-	-	-	0.166	-	-	0.054	-	-	0.278	-	-	-	-	-	0.278			
Gross/Weapon System Cost			-	-	-	-	-	0.666	-	-	0.054	-	-	0.278	-	-	-	-	-	0.278			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4			P-1 Line Item Number / Title: 834190 / Combat Training Ranges			Item Number / Title [DODIC]: - / TARGET CONTROL SYSTEM

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	0.794	2.492	3.054	-	3.054
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	0.794	2.492	3.054	-	3.054
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	0.794	2.492	3.054	-	3.054

(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>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
Hardware Recurring: TARGET CONTROL SYSTEM	A	-	-	-	-	-	0.794	0.415	6	2.492	0.436	7	3.054	-	-	-	0.436	7	3.054
Subtotal: Recurring Cost		-	-	-	-	-	0.794	-	-	2.492	-	-	3.054	-	-	-	-	-	3.054
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	0.794	-	-	2.492	-	-	3.054	-	-	-	-	-	3.054
Gross/Weapon System Cost		-	-	-	-	-	0.794	-	-	2.492	-	-	3.054	-	-	-	-	-	3.054

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects	P-1 Line Item Number / Title: 834210 / Minimum Essential Emergency Comm N

ID Code (A=Service Ready, B=Not Service Ready) : B			Program Elements for Code B Items: 0303131F					Other Related Program Elements: 0303131F				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	1.289	-	1.289	74.765	167.875	106.981	30.250	-	381.160
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	1.289	-	1.289	74.765	167.875	106.981	30.250	-	381.160
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	1.289	-	1.289	74.765	167.875	106.981	30.250	-	381.160
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

Global Aircrew Strategic Network Terminal (Global ASNT) replaces inadequate, unsustainable strategic communications equipment at bomber, tanker and reconnaissance Wing Command Posts (WCPs), Nuclear Task Forces, Munitions Support Squadrons (MUNSS), and for Mobile Support Teams (MSTs). Global ASNT is a ground-based system that will provide survivable, secure communication paths to receive Emergency Action Messages (EAMs) and Force Management messages from NC2 nodes and disseminate them to bomber, tanker, and reconnaissance aircrews. Global ASNT will be fielded in separate capability increments; Increment 1 fields required EHF/AEHF capabilities and replaces inadequate, unsustainable strategic mobile and fixed-site Single Channel Anti-jam Man-Portable (SCAMP) terminals. Subsequent increments will deliver: an Aircrew Alerting System (AAS) consisting of pagers and klaxons; High Frequency (HF) and Ultra High Frequency (UHF) capabilities; and a Very Low Frequency (VLF)/Low Frequency (LF) receive capability. Global ASNT will provide solutions to existing capability shortfalls for NC2 and is the last line of operational communications when all other peacetime links fail.

Funding for this exhibit is contained in PE 0303131F.

FY15 is the first year of Increment 1 procurement funding and will support pre-production activities.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Global ASNT Terminals	P-40a	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - Direct Mission Support (DMS)	P-40a	B	-	-	0.000	-	-	-	-	-	-	-	-	1.289	-	-	-	-	-	1.289
Item - Initial Spares	P-40a	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																	Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects												P-1 Line Item Number / Title: 834210 / Minimum Essential Emergency Comm N									
ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items: 0303131F						Other Related Program Elements: 0303131F									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - Type I Training	P-40a	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - Interim Contractor Support (ICS)	P-40a	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Gross/Weapon System Cost			-	-	0.000	-	-	-	-	-	-	-	-	1.289	-	-	-	-	-	1.289	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: Funding in FY15 will support pre-production activities including engineering start-up, schedule preparation and planning, production configuration control and production roadmap activities to include Federally Funded Research and Development Center (FFRDC) support.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834210 / Minimum Essential Emergency Comm N									Aggregated Items Title: Minimum Essential Emergency Comm N				

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Global ASNT Terminals	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Direct Mission Support (DMS)	B		-	-	0.000	-	-	-	-	-	-	-	1.289	-	-	-	-	-	-	1.289
Initial Spares	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Type I Training	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Interim Contractor Support (ICS)	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	0.000	-	-	-	-	-	-	-	1.289	-	-	-	-	-	-	1.289
Total			-	-	0.000	-	-	-	-	-	-	-	1.289	-	-	-	-	-	-	1.289

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects							P-1 Line Item Number / Title: 834320 / C3 Countermeasures					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	10.954	11.551	11.508	-	11.508	13.705	13.985	14.584	14.511	-	90.798
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	10.954	11.551	11.508	-	11.508	13.705	13.985	14.584	14.511	-	90.798
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	10.954	11.551	11.508	-	11.508	13.705	13.985	14.584	14.511	-	90.798
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: PE 0207439F ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR)												
ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR): The 453d Electronic Warfare Squadron (453 EWS) conducts DISTRIBUTED MISSION OPERATIONS (DMO) and THREAT CHANGE ANALYSIS (TCA) to provide analytical capabilities and reachback support for DoD acquisition, planning and mission execution activities. These capabilities ensure electronic warfare (EW) systems and integrated combat platforms correctly recognize and respond to enemy, friendly and noncombatant systems operating within the electromagnetic environment. Funds used to procure specialized information technology systems used to identify electromagnetic spectrum emitter changes that impact combat defensive and electronic warfare systems and to conduct detailed analyses in support of operational mission planning, tactics, techniques and procedures (TTP) development, acquisition and test and evaluation. These analyses provide the means to understand the performance of their systems in hostile environments, directly impacting the survivability of combat-coded USAF aircraft and aircrews.												
AIR FORCE INTEL ANALYSIS AGENCY (AFIAA): AFIAA provides tailored substantive intelligence assessments and imagery products for SecAF, CSAF and staffs. Directs and manages all overhead imagery requirements for civil air analysis, global Tactics Analysis, effects based characterizations for operational course of action development. AFIAA was previously under AIA and is now a component of the Intelligence Directorate at the Air Staff (HAF/A2).												
PE 0208087F AF OFFENSIVE CYBERSPACE OPERATIONS												
OFFENSIVE CYBER OPERATIONS (INFORMATION OPERATIONS (IO) SUPPORT): U.S. Military forces operate in an information age where the need for precise, instantaneous intelligence and operational capabilities to increase and expand across the entire spectrum of military operations.												
PE 0208288F INTEL DATA APPLICATIONS												
GLOBAL HARVEST integrates multi-source intelligence and other related information for DoD and Internal-Air Force customers. GLOBAL HARVEST creates integrated target assessment to operationalize intelligence for Course of Action (CoA) development. GLOBAL HARVEST provides those assessments to decision makers in support of national security objectives. Current GLOBAL HARVEST assessments are categorized as Counterterrorism or Threat Financial Intelligence. Legacy assessments are available for Cyber Intelligence, Regional Threats and Human Factors Analysis.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects											P-1 Line Item Number / Title: 834320 / C3 Countermeasures										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
PE 03058881 RAPID CYBER ACQUISITION Rapid Cyber Acquisition (RCA): provides combatant commanders (CCDRs) with the ability to rapidly respond to emerging cyber needs. RCA provides rapid fielding of capabilities in three areas: defend the Air Force portion of the DoD Global Information Grid (GIG) in response to new and emerging threats; network attack and cyber exploit capabilities through all phases of warfare; and new cyber operations capabilities that address gaps to support evolving missions.																					
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR)	P-40a	A	-	-	-	1.352	1	1.352	1.441	1	1.441	1.301	1	1.301	-	-	-	1.301	1	1.301	
Item - INFORMATION OPERATIONS INITIATIVE	P-40a	A	-	-	-	-	-	4.297	-	-	-	-	-	-	-	-	-	-	-	-	
Item - AIR FORCE INTEL ANALYSIS AGENCY (AFIAA)	P-40a	A	-	-	-	-	-	5.022	-	-	-	-	-	-	-	-	-	-	-	-	
Item - OFFENSIVE CYBER OPERATIONS (INFORMATION OPERATIONS (IO) SUPPORT)	P-40a	A	-	-	-	-	-	-	-	-	8.297	-	-	9.894	-	-	-	-	-	9.894	
Item - PE 0208288F INTEL DATA APPLICATIONS	P-40a	A	-	-	-	-	-	0.283	-	-	0.261	-	-	0.313	-	-	-	-	-	0.313	
Item - Rapid Cyber Acquisition	P-40a	A	-	-	-	-	-	-	-	-	1.552	-	-	-	-	-	-	-	-	-	
Total Gross/Weapon System Cost			-	-	-	-	-	10.954	-	-	11.551	-	-	11.508	-	-	-	-	-	11.508	
*For Items, Title represents the Item Number / Title [DODIC]. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0207439F ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR) ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR): The FY15 funds will be used to upgrade the electronic warfare (EW) Threat Change Analysis infrastructure and databases. INFORMATION OPERATIONS INITIATIVE: No FY15 funding requested. AIR FORCE INTEL ANALYSIS AGENCY (AFIAA): No FY15 funding requested.																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834320 / C3 Countermeasures
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
PE 0208087F AF OFFENSIVE CYBERSPACE OPERATIONS		
OFFENSIVE CYBER OPERATIONS (INFORMATION OPERATIONS (IO) SUPPORT): FY15 funding procures computer, computer related memory storage, local and long-haul communications, infrastructure, and unique intelligence and analysis equipment.		
PE 0208288F INTEL DATA APPLICATIONS		
SENSOR HARVEST: FY15 funding provides upgrades of critical computers, processing systems and infrastructure to support holistic IO and nodal analysis in support of unique aspects of targeting that enable the shift from conventional to IO/C2W targeting.		
PE 03058881 RAPID CYBER ACQUISITION		
Rapid Cyber Acquisition (RCA): Rapid Cyber Acquisition delivers cyber capabilities to 24th Air Force (24 AF) warfighters in mission-relevant timeframes. RCA provides capabilities in support of US national security interests, to counter current and future cyber threats, and to enhance the nation's ability to operate in cyberspace. It expedites cyber development and modifications of USAF and DoD cyber capabilities. RCA provides solution sets for cyberspace operations: attack, defense, command and control/situational awareness, exploitation, critical infrastructure support, and combat support. RCA provides integration and technical support to other Services and Government Agency activities to leverage select Air Force-developed technologies and/or operational capabilities. Congress will be notified when all projects have been approved by the end of the fiscal year via Congressional Notification Letters.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834320 / C3 Countermeasures									Aggregated Items Title: C3 Countermeasures					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
ELECTRONIC WARFARE INTEGRATED REPROGRAMMING (EWIR)	A		-	-	-	1.352	1	1.352	1.441	1	1.441	1.301	1	1.301	-	-	-	1.301	1	1.301	
Subtotal: Uncategorized			-	-	-	-	-	1.352	-	-	1.441	-	-	1.301	-	-	-	-	-	1.301	
Total			-	-	-	-	-	1.352	-	-	1.441	-	-	1.301	-	-	-	-	-	1.301	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834320 / C3 Countermeasures										Aggregated Items Title: C3 Countermeasures					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
INFORMATION OPERATIONS INITIATIVE	A		-	-	-	-	-	4.297	-	-	-	-	-	-	-	-	-	-	-	-	
AIR FORCE INTEL ANALYSIS AGENCY (AFIAA)	A		-	-	-	-	-	5.022	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	9.319	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	9.319	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834320 / C3 Countermeasures						Aggregated Items Title: C3 Countermeasures									
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
OFFENSIVE CYBER OPERATIONS (INFORMATION OPERATIONS (IO) SUPPORT)	A		-	-	-	-	-	-	-	-	8.297	-	-	9.894	-	-	-	-	-	9.894	
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	8.297	-	-	9.894	-	-	-	-	-	9.894	
Total			-	-	-	-	-	-	-	-	8.297	-	-	9.894	-	-	-	-	-	9.894	

Remarks:
No input provided.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834320 / C3 Countermeasures							Aggregated Items Title: C3 Countermeasures						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
PE 0208288F INTEL DATA APPLICATIONS	A		-	-	-	-	-	0.283	-	-	0.261	-	-	0.313	-	-	-	-	-	0.313
Subtotal: Uncategorized			-	-	-	-	-	0.283	-	-	0.261	-	-	0.313	-	-	-	-	-	0.313
Total			-	-	-	-	-	0.283	-	-	0.261	-	-	0.313	-	-	-	-	-	0.313

Remarks:
No input provided.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:									Aggregated Items Title:						
3080F / 03 / 4						834320 / C3 Countermeasures									C3 Countermeasures						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
Rapid Cyber Acquisition	A		-	-	-	-	-	-	-	-	1.552	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	1.552	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	-	-	-	1.552	-	-	-	-	-	-	-	-	-	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects							P-1 Line Item Number / Title: 834430 / GCSS-AF Fos					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
Line Item MDAP/MAIS Code: 221			Item MDAP/MAIS Code(s):									
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	23.148	11.201	12.675	3.670	-	3.670	68.165	7.963	8.100	8.967	-	143.889
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	23.148	11.201	12.675	3.670	-	3.670	68.165	7.963	8.100	8.967	-	143.889
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	23.148	11.201	12.675	3.670	-	3.670	68.165	7.963	8.100	8.967	-	143.889
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date.												
Description: Global Combat Support System (GCSS) is a family of information technology systems that provide integration and interoperability between combat support functions and command and control to support the operational needs of the warfighter. It directly supports Command, Control, Communication, Computers, and Information (C4I) for the warfighter and Chairman Joint Chiefs of Staff (CJCS) Joint Vision 2020. The GCSS-Air Force Family of Systems (FOS) includes standard base-level combat support applications which provide warfighters with a "one update-one time" processing environment. The following systems provide the key support foundation for the Air Force's global engagement strategy and capabilities through GCSS-AF. PE 0303141F GLOBAL COMBAT SUPPORT SYSTEM GLOBAL COMBAT SUPPORT SYSTEM-AIR FORCE (GCSS-AF): This program element encompasses GCSS-AF's Integration Framework and its presentation layer for operational users. As the customer interfaces on GCSS-AF, the presentation layer provides the worldwide standard security and single sign-on for accessing a variety of functional systems. The framework uses additional security features of Public Key Infrastructure (PKI) and AF Directory Services, negating duplication of security features in each of the functional systems being modernized within the GCSS-AF Family of Systems (FoS). This effort procures application, security, web, and proxy servers, software and associated licenses, and engineering support. Funding for this exhibit contained in PE 0303141F. PE 0708012F LOGISTICS SUPPORT ACTIVITY CARGO MOVEMENT OPERATIONS SYSTEM (CMOS): CMOS supports base-level and theater distribution management. More than 235 Air Force, Marine Corps, Navy, Army, NSA, and DCMA activities employ CMOS through its web-based and deployable configurations. CMOS continues to provide effective traffic management support to the warfighter for both peacetime and contingency operations. CMOS prepares and manages all movement documentation, electronically interfaces with shippers, commercial carriers, and receiving activities, and provides bar code/radio frequency identification (RFID) capability. It provides in-transit visibility to DOD and commercial carriers, aids planning and managing force deployment, and supports the deployed Air and Space Expeditionary Force (AEF) warfighter through deployable and standard CMOS architectures.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834430 / GCSS-AF Fos
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Line Item MDAP/MAIS Code: 221	Item MDAP/MAIS Code(s):	
Funding for this exhibit contained in PE 0708012F. PE 0708610F LOGISTICS INFORMATION TECHNOLOGY (LOGIT) Expeditionary Combat Support System (ECSS): The ECSS program was canceled 11 December 2012. The cancellation of ECSS has driven the Air Force to re-evaluate its strategy to enable logistics Information Technology (IT) capabilities. The Air Force still requires an integrated logistics capability that provides timely, accurate and reliable information to decision makers at all levels of command and across the full range of military operations. The Air Force is transitioning from ECSS to a hybrid approach of core legacy system remediation / modification and transformation. This approach moves away from a large scale Enterprise Resource Planning (ERP) capability and uses firm requirements, smaller scale development efforts and shorter delivery schedules to achieve FY 2017 statutory Financial Improvement and Audit Readiness (FIAR) and operational requirements. Logistics Transformation: Logistics transformation will be accomplished through capability initiatives, to include Maintenance, Repair and Overhaul (MROi), Supply Chain Management (SCM), Product Lifecycle Management (PLM), Advanced Planning and Scheduling (APS) and Field Maintenance. MROi will create an integrated capability that plans, schedules, and executes organic depot maintenance support functions critical to agile planning, optimized workload assignment, resource allocation and throughput, thereby increasing depot maintenance support to the warfighter. SCM includes Air Force Wholesale Supply, Item Master, Retail Supply, and related initiatives. Wholesale Supply encompasses centralized planning and management of items and equipment such as: repairables, consumables, Nuclear Weapons-Related Materiel (NWRM) and cryptographic items. Retail Supply comprises business operations and inventory for the Air Force Base Supply community. Item Master provides the capability to manage comprehensive, accurate, and reliable item data. The PLM capability will enable Air Force engineering/logistics communities to define, track, protect and manage product data for Air Force weapon systems and equipment. APS will provide an integrated, accurate and timely supply chain planning capability to project inventory allocations that facilitate improved decision-making throughout the Demand Planning, Inventory Planning, Supply Planning, Exception Management, and Analytics processes. Field Maintenance will improve Air Force base-level maintainers' ability to plan, schedule, execute and maintain oversight capabilities that support timely and accurate asset/resource management related to weapons systems inventory, status and usage reporting. Remediation/Modification Efforts: The remediation and modification of core logistics systems is necessary for the Air Force to meet statutory Financial Improvement Audit Readiness (FIAR) by 2017 and align with the Joint Chiefs of Staff J-4 Concept for Logistics and the Air Force Logistics Board's approved Enterprise Logistics Strategy (ELS). Systems contained in these business areas include, but are not limited to, the Air Force Equipment Management System (AFEMS), Integrated Maintenance Data System (IMDS), Reliability and Maintainability Information System (REMIS), Combat Ammunitions System (CAS), Training Business Area (TBA), Enhanced Maintenance Operations Center (EMOC), Aircraft Structural Integrity Management Information System (ASIMIS), Integrated Logistics System-Supply (ILS-S), Cargo Movement Operations System (CMOS), Stock Control System (SCS), Purchase Request Process System (PRPS), Automated Logistics Management Support System (ALMSS), Depot Maintenance Accounting and Production System (DMAPS), Cryptologic Depot Accountability System (CDAS), and Commercial Asset Visibility-Air Force (CAV-AF). RDT&E to support remediation, modernization and transformation efforts are being accomplished under PE 0708610, Project 675207, Logistics Information Technology System Modernization. Funding for this exhibit contained in PE 0708610F. PE 0901538 FINANCIAL MGMT INFO SYS DEVELOPMENT DEFENSE ENTERPRISE ACCOUNTING AND MANAGEMENT SYSTEM (DEAMS) Increment 1: To enhance transparency, DEAMS Other Procurement Air Force (OPAF) funding in Weapon System Code (WSC) 834430, Global Combat Support System - Air Force Family of Systems (GCSS-AF FOS) will		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects										P-1 Line Item Number / Title: 834430 / GCSS-AF Fos									

ID Code (A=Service Ready, B=Not Service Ready) : A										Program Elements for Code B Items:										Other Related Program Elements:									
Line Item MDAP/MAIS Code: 221										Item MDAP/MAIS Code(s):																			

end in FY 2014. Starting in FY 2015, DEAMS OPAF funding requests will be shown in WSC 834470, DEAMS.

DEAMS Inc 1 is a commercial-off-the-shelf (COTS) Oracle based software implementation effort that will provide an auditable modern accounting and finance system. DEAMS is a Joint AF and United States Transportation Command (USTRANSCOM) Enterprise Resource Planning (ERP) Program that will replace existing accounting and finance legacy systems and will provide core funds execution management functions consistent with financial management laws, regulations and policy, general ledger, funds management, payments, receivables, cost and revenues, and fiduciary reporting. DEAMS is compliant with the Clinger-Cohen Act, Business Enterprise Architecture (BEA), and integrates into Global Combat Support System-Air Force (GCSS-AF).

DEAMS Inc 1 is currently deployed and in use at seven locations: Scott AFB, IL; Defense Finance and Accounting Service (DFAS)-Limestone, ME; McConnell AFB, IL; Dover AFB, DE; Grand Forks AFB, ND; Little Rock AFB, AR; and Pope Field, NC. DEAMS Inc 1 is expected to be deployed to a number of additional locations throughout FY 2014-15.

DEAMS Inc 1 capability will continue to be deployed to additional locations as approved by the Milestone Decision Authority. The overall DEAMS program is under review by the Milestone Decision Authority (MDA). The acquisition and deployment strategy are expected to be adjusted to deploy the current software baseline to all Air Force locations and re-evaluate software upgrade scenarios. Funding adjustments will be reflected in the FY16 President's Budget.

Funding for this exhibit contained in PE 0901538F.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - GLOBAL COMBAT SUPPORT SYSTEM	P-40a	A	-	-	-	2.500	1	2.500	3.038	1	3.038	-	-	-	-	-	-	-	-	-
Item - CARGO MOVEMENT OPERATIONS SYSTEM	P-40a	A	-	-	-	-	-	1.298	-	-	0.696	-	-	0.696	-	-	-	-	-	0.696
Item - Logistics IT Systems Modernization	P-40a	B	-	-	-	-	-	-	3.000	1	3.000	2.974	1	2.974	-	-	-	2.974	1	2.974
Item - DEFENSE ENTERPRISE ACCOUNTING AND MANAGEMENT SYSTEM (DEAMS) Increment 1 ⁽¹⁾	P-40a	B	23.148	1	23.148	7.403	1	7.403	2.970	2	5.941	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			-	-	23.148	-	-	11.201	-	-	12.675	-	-	3.670	-	-	-	-	-	3.670

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:
PE 0303141F GLOBAL COMBAT SUPPORT SYSTEM

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834430 / GCSS-AF Fos
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Line Item MDAP/MAIS Code: 221	Item MDAP/MAIS Code(s):	
GLOBAL COMBAT SUPPORT SYSTEM-AIR FORCE (GCSS-AF): No FY15 funding requested. PE 0708012F LOGISTICS SUPPORT ACTIVITY CARGO MOVEMENT OPERATIONS SYSTEM: FY15 procurement dollars in the amount of \$0.696M procure different types/amounts of hardware in support of installation and unit mission requirements for Joint personnel. These funds replace hardware and updates software and licensing to support the sustainment posture for contingency operations, and buy various mixes of hardware, software, and licensing for 60 new sites. Hardware replacement mitigates increased capability demands on older platforms and supports deployable CMOS hardware and associated Automatic Identification Technology (AIT). PE 0708610F LOGISTICS INFORMATION TECHNOLOGY (LOGIT) Logistics IT Systems Remediation/Modification: FY15 funding in the amount of \$2.974M will purchase hardware that supports necessary updates to core logistics IT systems and transformation systems. The core systems include, but are not limited to, the Air Force Equipment Management System (AFEMS), Integrated Maintenance Data System (IMDS), Reliability and Maintainability Information System (REMIS), Combat Ammunitions System (CAS), Training Business Area (TBA), Enhanced Maintenance Operations Center (EMOC), Aircraft Structural Integrity Management Information System (ASIMIS), Integrated Logistics System-Supply (ILS-S), Cargo Movement Operations System (CMOS), Stock Control System (SCS), Purchase Request Process System (PRPS), Automated Logistics Management Support System (ALMSS), Depot Maintenance Accounting and Production System (DMAPS), Cryptologic Depot Accountability System (CDAS), and Commercial Asset Visibility-Air Force (CAV-AF). The tranformation systems include Maintenance, Repair and Overhaul (MRO); Supply Chain Management (SCM), Product Lifecycle Management (PLM), Advanced Planning and Scheduling (APS) and Field Maintenance. PE 0901538F FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT No FY 15 funding requested. Footnotes: ⁽¹⁾ Starting in FY 2015, DEAMS OPAF requests will no longer be made in WSC 834430, GCSS-AF FOS, and will be made in WSC 834470, DEAMS, in order to improve transparency of ACAT 1 Acquisition programs.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:										Aggregated Items Title:					
3080F / 03 / 4						834430 / GCSS-AF Fos										GCSS-AF Fos					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
GLOBAL COMBAT SUPPORT SYSTEM	A		-	-	-	2.500	1	2.500	3.038	1	3.038	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	2.500	-	-	3.038	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	2.500	-	-	3.038	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834430 / GCSS-AF Fos							Aggregated Items Title: GCSS-AF Fos						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
CARGO MOVEMENT OPERATIONS SYSTEM	A		-	-	-	-	-	1.298	-	-	0.696	-	-	0.696	-	-	-	-	-	0.696
Subtotal: Uncategorized			-	-	-	-	-	1.298	-	-	0.696	-	-	0.696	-	-	-	-	-	0.696
Total			-	-	-	-	-	1.298	-	-	0.696	-	-	0.696	-	-	-	-	-	0.696

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4					P-1 Line Item Number / Title: 834430 / GCSS-AF Fos										Aggregated Items Title: GCSS-AF Fos					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Logistics IT Systems Modernization	B		-	-	-	-	-	-	3.000	1	3.000	2.974	1	2.974	-	-	-	2.974	1	2.974
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	3.000	-	-	2.974	-	-	-	-	-	2.974
Total			-	-	-	-	-	-	-	-	3.000	-	-	2.974	-	-	-	-	-	2.974

UNCLASSIFIED

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4					P-1 Line Item Number / Title: 834430 / GCSS-AF Fos										Aggregated Items Title: GCSS-AF Fos					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
DEFENSE ENTERPRISE ACCOUNTING AND MANAGEMENT SYSTEM (DEAMS) Increment 1 ⁽¹⁾	B		23.148	1	23.148	7.403	1	7.403	2.970	2	5.941	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	23.148	-	-	7.403	-	-	5.941	-	-	-	-	-	-	-	-	-
Total			-	-	23.148	-	-	7.403	-	-	5.941	-	-	-	-	-	-	-	-	-

Footnotes:
⁽¹⁾ Starting in FY 2015, DEAMS OPAF requests will no longer be made in WSC 834430, GCSS-AF FOS, and will be made in WSC 834470, DEAMS, in order to improve transparency of ACAT 1 Acquisition programs.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects							P-1 Line Item Number / Title: 834470 / Defense Enterprise Accounting and Mgmt System					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	-	-	15.298	-	15.298	16.178	1.606	-	-	-	33.082
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	-	-	15.298	-	15.298	16.178	1.606	-	-	-	33.082
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	-	-	15.298	-	15.298	16.178	1.606	-	-	-	33.082
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date. Description: Defense Enterprise Accounting and Management System Increment 1 (DEAMS Inc 1). To enhance transparency, DEAMS Other Procurement Air Force (OPAF) funding in Weapon System Code (WSC) 834430, Global Combat Support System - Air Force Family of Systems (GCSS-AF FOS) will end in FY 2014. Starting in FY 2015, DEAMS OPAF funding requests will be shown in WSC 834470, DEAMS. DEAMS Inc 1 is a commercial-off-the-shelf (COTS) Oracle based software implementation effort that will provide an auditable modern accounting and finance system. DEAMS is a Joint AF and United States Transportation Command (USTRANSCOM) Enterprise Resource Planning (ERP) Program that will replace existing accounting and finance legacy systems and will provide core funds execution management functions consistent with financial management laws, regulations and policy, general ledger, funds management, payments, receivables, cost and revenues, and fiduciary reporting. DEAMS is compliant with the Clinger-Cohen Act, Business Enterprise Architecture (BEA), and integrates into Global Combat Support System-Air Force (GCSS-AF). DEAMS Inc 1 is currently deployed and in use at seven locations: Scott AFB, IL; Defense Finance and Accounting Service (DFAS)-Limestone, ME; McConnell AFB, IL; Dover AFB, DE; Grand Forks AFB, ND; Little Rock AFB, AR; and Pope Field, NC. DEAMS Inc 1 is expected to be deployed to a number of additional locations throughout FY 2014-15. DEAMS Inc 1 continues to mature the technology demonstration solution to achieve functional stability, deployment experience, infrastructure improvement, and business process optimization. Release 1 Deployment will deliver capability to Air Mobility Command (AMC) without Transportation Working Capital Funds (TWCF) and Release 2 will deliver capability to AMC with TWCF. Release 3 will leverage COTS capabilities within Oracle R12 to refine FM business processes and optimize the DEAMS solution in preparation for mass deployment and will involve a re-host to leverage the latest DoD infrastructure technologies. Release 4 will deliver capability for USTRANSCOM operations integration with AF AMC, Army's Surface Deployment and Distribution Command (SDDC), and will provide data interface with the Navy's Military Sealift Command. An Initial Operational Test and Evaluation (IOT&E) will be performed on the Increment 1 solution prior to a Full Deployment Decision (FDD) in Release 5. FDD approval will authorize Release 5 deployment to Continental US (CONUS) locations and Release 6 deployment to Outside of Continental US (OCONUS) locations. The overall DEAMS program is under review by the Milestone Decision Authority (MDA). The acquisition and deployment strategy are expected to be adjusted to deploy the current software baseline to all Air Force locations and re-evaluate software upgrade scenarios. Funding adjustments will be reflected in the FY16 President's Budget. Procurement funding for DEAMS is in PE 0901538F, Financial Information Management Systems Development (FMISD).												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects										P-1 Line Item Number / Title: 834470 / Defense Enterprise Accounting and Mgmt System									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - DEAMS Inc 1 Hardware and Software ⁽¹⁾	P-40a, P-5a, P-21	A	-	-	-	-	-	-	-	-	-	1,912.25	8,000	15.298	-	-	-	1,912.25	8,000	15.298
Total Gross/Weapon System Cost			-	-	0.000	-	-	-	-	-	-	-	-	15.298	-	-	-	-	-	15.298

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - DEAMS Inc 1 Hardware and Software ⁽¹⁾	P-40a, P-5a, P-21	A	874.49	18,500	16.178	8,030.00	200	1.606	-	-	-	-	-	-	-	-	-	1,239.03	26,700	33.082
Total Gross/Weapon System Cost			-	-	16.178	-	-	1.606	-	-	-	-	-	-	-	-	-	-	-	33.082

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:
Requested funds will procure various types and amounts of software and hardware in support of unit mission requirements for Air Force and Defense Finance and Accounting Service (DFAS) personnel. The budget reflects funding to procure production software licenses in quantities sufficient to support the DEAMS user community based on a multiple release and deployment strategy.

Prior to FY15, this effort was funded in 834430. This is an ongoing program and is not a new start.

Footnotes:
⁽¹⁾ DEAMS software consists of various Oracle licenses and other miscellaneous items.; Procurement quantities are for user software licenses at DEAMS locations per year.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834470 / Defense Enterprise Accounting and Mgmt System									Aggregated Items Title: DEAMS					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																				
DEAMS Inc 1 Hardware and Software ^{(1)(f)}	A		-	-	-	-	-	-	-	-	-	1,912.25	8,000	15.298	-	-	-	1,912.25	8,000	15.298
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	-	-	-	15.298	-	-	-	-	-	15.298
Total			-	-	-	-	-	-	-	-	-	-	-	15.298	-	-	-	-	-	15.298

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834470 / Defense Enterprise Accounting and Mgmt System									Aggregated Items Title: DEAMS					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Uncategorized																				
DEAMS Inc 1 Hardware and Software ^{(1)(f)}	A		874.49	18,500	16.178	8,030.00	200	1.606	-	-	-	-	-	-	-	-	-	1,239.03	26,700	33.082
Subtotal: Uncategorized			-	-	16.178	-	-	1.606	-	-	-	-	-	-	-	-	-	-	-	33.082
Total			-	-	16.178	-	-	1.606	-	-	-	-	-	-	-	-	-	-	-	33.082

(t) indicates the presence of a P-5a

Footnotes:

⁽¹⁾ DEAMS software consists of various Oracle licenses and other miscellaneous items.; Procurement quantities are for user software licenses at DEAMS locations per year.

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Exhibit P-5a, Procurement History and Planning: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4			P-1 Line Item Number / Title: 834470 / Defense Enterprise Accounting and Mgmt System						Aggregated Items: DEAMS			
Item Number / Title [DODIC]	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 Revision Available	RFP Issue Date
Uncategorized												
DEAMS Inc 1 Hardware and Software (1)(t)		2015 (2)	TBD / TBD	Allot	TBD	Sep 2014	Oct 2014	8,000	2,000.00	Y		Jul 2014
DEAMS Inc 1 Hardware and Software (1)(t)		2016 (3)	TBD / TBD	Allot	TBD	Sep 2015	Oct 2015	18,500	1,000.00	Y		Jul 2015
DEAMS Inc 1 Hardware and Software (1)(t)		2017 (4)	TBD / TBD	Allot	TBD	Sep 2016	Oct 2016	200	8,000.00	Y		Jul 2016

(t) indicates the presence of a P-21

Footnotes:

(2) Multiple contracts. Various vendors. Software licenses to be purchased via annual task order contracts.

(3) Reference footnote (2)

(4) Reference footnote (2)

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Exhibit P-21, Production Schedule: PB 2015 Air Force																				Date: March 2014											
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4										P-1 Line Item Number / Title: 834470 / Defense Enterprise Accounting and Mgmt System										Aggregated Items: DEAMS											
Items <i>(Units in Thousands)</i>							Fiscal Year 2014										Fiscal Year 2015														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015										B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
Uncategorized																															
DEAMS Inc 1 Hardware and Software ⁽¹⁾																															
	1	2015	AF ⁽⁵⁾	8.000	-	8.000											-	2.400	-	-	2.200	-	-	3.400						-	
	1	2016	AF ⁽⁶⁾	18.500	-	18.500																						-	18.500		
	1	2017	AF ⁽⁷⁾	.200	-	.200																							.200		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2015 Air Force																				Date: March 2014														
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4										P-1 Line Item Number / Title: 834470 / Defense Enterprise Accounting and Mgmt System										Aggregated Items: DEAMS														
Items <i>(Units in Thousands)</i>							Fiscal Year 2016										Fiscal Year 2017																	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017										BAL							
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P			
Uncategorized																																		
DEAMS Inc 1 Hardware and Software ⁽¹⁾																																		
	1	2015	AF ⁽⁵⁾	8.000	8.000	-																											-	
	1	2016	AF ⁽⁶⁾	18.500	-	18.500	2.400	-	-	1.900	-	-	4.200	-	-	-	-	10.000																-
	1	2017	AF ⁽⁷⁾	.200	-	.200										-	.200																-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2015 Air Force									Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4					P-1 Line Item Number / Title: 834470 / Defense Enterprise Accounting and Mgmt System				Aggregated Items: DEAMS				
		Production Rates (Each / Year)			Procurement Leadtime (Months)								
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder				
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	
1	TBD - TBD	-	-	-	-	-	-	-	-	-	-	-	
The first non-gray cell in the Delivery Schedule indicates the Contract Award Date. Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).													
Footnotes: (5) User software licenses as DEAMS deploys to various locations. (6) Reference footnote (5) (7) User software licenses as DEAMS deploys to various locations.													

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects						P-1 Line Item Number / Title: 834520 / Theater Battle Mgt C2 System						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements: 0207410F				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	9.353	7.387	9.565	-	9.565	9.703	9.831	10.006	10.185	-	66.030
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	9.353	7.387	9.565	-	9.565	9.703	9.831	10.006	10.185	-	66.030
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	9.353	7.387	9.565	-	9.565	9.703	9.831	10.006	10.185	-	66.030
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: Theater Battle Management Core Systems (TBMCS) is an integrated battle management system used to plan, execute, and assess an air campaign. It provides automated planning tools enabling consistent, coordinated battle management at entities ranging from the force level (Air Operations Centers [AOC]) to the unit level (wings/squadrons) for operations and intelligence functions. TBMCS is a United States Air Force system with Joint interest responsible for generation and dissemination of the air tasking order and interoperates with allied units. Unit Level/Unit Command and Control (UL/UC2): Provides the wing and base commanders, and their battle staffs with timely and accurate information for effective decision making. UL/UC2 also provides secure, automated, deployable, and distributed wing-level command and control system with connectivity to TBMCS-Force Level (TBMCS-FL) systems. UL/UC2 has operations and intelligence configurations. Personnel Recovery Command and Control (PRC2): Provides PRC2 services supporting all Combatant Commands, Joint Services and other non-government agencies. Capabilities include web-based access to isolated personnel reports for all DoD personnel, C2 tools for performing command and control of recovery efforts for downed airmen/isolated ground troops, and rapid identification of personnel in distress. PRC2 is used within AOCs/AORs, Joint Personnel Recovery Centers, and Rescue Coordination Centers to provide the capabilities and services for planning and executing recovery of isolated personnel, and rapidly collaborate, disseminate, and store time-sensitive personnel recovery information. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Funding for this exhibit contained in PE 0207410F.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects								P-1 Line Item Number / Title: 834520 / Theater Battle Mgt C2 System			
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0207410F			

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	9.058	7.092	9.270	-	9.270	-	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.150	0.150	0.150	-	0.150	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.145	0.145	0.145	-	0.145	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	9.353	7.387	9.565	-	9.565	-	-	-	-

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Item - TBMCS-FL	P-5		-	-	-	-	-	4.275	-	-	3.100	-	-	4.490	-	-	-	-	-	4.490
Item - UL/UC2	P-5		-	-	-	-	-	3.873	-	-	3.247	-	-	3.825	-	-	-	-	-	3.825
Item - PRC2	P-5		-	-	-	-	-	1.205	-	-	1.040	-	-	1.250	-	-	-	-	-	1.250
Total Gross/Weapon System Cost			-	-	-	-	-	9.353	-	-	7.387	-	-	9.565	-	-	-	-	-	9.565

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

1. TBMCS-FORCE LEVEL (TBMCS-FL): Provides the Joint and Combined Air Component Commander with the automated tools necessary to effectively and efficiently plan, monitor, and execute the air campaign. This includes planning and issuing the Air Tasking and Airspace Control Orders that ensure the theater commander's intent is supported through the application of airpower using the latest intelligence. FY15 funding will continue fielding TBMCS-FL Spiral 1.1.3 Maintenance Release 2, and begin fielding Maintenance Release 3, to 35 locations (25 AD/5 ANG/5 AFR).

a. TBMCS-FL PROGRAM MANAGEMENT ADMINISTRATION (PMA): FY15 funding includes provisions for government contract oversight, technical expertise, and program office support associated with the fielding of TBMCS-FL.

b. TBMCS-FL TRAINING & FIELDING: FY15 funding will continue to support Type 1 training & fielding. As contractors field the TBMCS-FL upgrades, they will provide specialized training at each location.

c-e. TBMCS-FL Spiral 1.1.3: FY15 funds will continue to be used to procure hardware and associated software licenses for fielding to various sites.

2. UNIT LEVEL/UNIT COMMAND AND CONTROL (UL/UC2): Provides the wing and base commanders and their battle staffs with timely and accurate information for effective decision making. UL/UC2 also provides secure, automated, deployable, and distributed wing-level command and control system with connectivity to TBMCS-FL systems. Enhanced unit-level operations and intelligence capabilities will be provided through the unit-level (Unit Level/Unit Command and Control [UL/UC2]) project. FY15 funding will continue to support fielding Capital Equipment Replacement (CER) cycle for UL/UC2 Ops at 45 active duty locations and UL/UC2 Intel at 137 active duty locations.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834520 / Theater Battle Mgt C2 System
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0207410F
a. UL/UC2 HARDWARE AND COMMERCIAL-OFF-THE-SHELF (COTS) SOFTWARE: FY15 funds will continue to replace clients, servers, miscellaneous hardware, and associated software licenses for UL/UC2 Ops & Intel sites. b. UL/UC2 PMA: FY15 funding includes provisions for government contract oversight, technical expertise, and program office support associated with the fielding of UL/UC2. 3. PERSONNEL RECOVERY COMMAND AND CONTROL (PRC2): Provides PRC2 services supporting all Combatant Commands, Joint Services and other governmental agencies. Capabilities include web-based access to isolated personnel reports for all DoD personnel, C2 tools for performing command and control of recovery efforts for downed airmen/isolated ground troops, and rapid identification of personnel in distress. PRC2 is used within AOC's/AORs, Joint Personnel Recovery Centers, and Rescue Coordination Centers to provide the capabilities and services for planning and executing recovery of isolated personnel, and rapidly collaborate, disseminate, and store time-sensitive personnel recovery information. a. PRC2 HARDWARE AND COTS SOFTWARE: FY15 funds will continue procure various hardware pieces and associated software licenses for fielding to various sites. b. PRC2 PMA: FY15 funding includes provisions for government contract oversight, technical expertise, and program office support associated with the fielding of PRC2.		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834520 / Theater Battle Mgt C2 System							Item Number / Title [DODIC]: - / TBMCS-FL						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		4.275		3.100		4.490		-		4.490				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					-		4.275		3.100		4.490		-		4.490				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					-		4.275		3.100		4.490		-		4.490				
(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>(\$ in Millions)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
1.c. TBMCS-FL, Spiral 1.1.3 - AD ⁽¹⁾	A	-	-	-	-	-	1.265	-	-	1.865	-	-	1.417	-	-	-	-	-	1.417
1.d. TBMCS-FL, Spiral 1.1.3 - GUARD ⁽²⁾	A	-	-	-	-	-	0.150	-	-	0.150	-	-	0.150	-	-	-	-	-	0.150
1.e. TBMCS-FL, Spiral 1.1.3 - RESERVE ⁽³⁾	A	-	-	-	-	-	0.145	-	-	0.145	-	-	0.145	-	-	-	-	-	0.145
Subtotal: Recurring Cost		-	-	-	-	-	1.560	-	-	2.160	-	-	1.712	-	-	-	-	-	1.712
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	1.560	-	-	2.160	-	-	1.712	-	-	-	-	-	1.712
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
1.b. TBMCS-FL Training & Fielding ⁽⁴⁾	A	-	-	-	-	-	2.466	-	-	0.649	-	-	2.483	-	-	-	-	-	2.483
Subtotal: Recurring Cost		-	-	-	-	-	2.466	-	-	0.649	-	-	2.483	-	-	-	-	-	2.483
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	-	-	-	2.466	-	-	0.649	-	-	2.483	-	-	-	-	-	2.483
Support - Support Cost Element Category Cost																			
1.a. TBMCS-FL PMA ⁽⁵⁾		-	-	-	-	-	0.249	-	-	0.291	-	-	0.295	-	-	-	-	-	0.295

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4						P-1 Line Item Number / Title: 834520 / Theater Battle Mgt C2 System						Item Number / Title [DODIC]: - / TBMCS-FL					

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	0.249	-	-	0.291	-	-	0.295	-	-	-	-	-	0.295
Gross/Weapon System Cost		-	-	-	-	-	4.275	-	-	3.100	-	-	4.490	-	-	-	-	-	4.490

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	3.980	2.805	4.195	-	4.195
AFR	Quantity	-	-	-	-	-
	Total Obligation Authority	0.145	0.145	0.145	-	0.145
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	0.150	0.150	0.150	-	0.150
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	4.275	3.100	4.490	-	4.490

Footnotes:

- (1) Varying quantities and unit costs due to number/types of equipment being procured for specific sites.; Specs Avail Date: Program purchases latest versions of COTS hardware available for delivery.; TBMCS-FL Spiral 1.1.3 systems are procured for Active Duty, Air National Guard, and Air Force Reserve locations using multiple contracts for COTS equipment and software. Companies include FedStore Corporation, Intelligent Decision Inc., World Wide Technology Inc., Micro Tech, Red River Computer Company, CDW Government LLC, Integration Technologies Group, Ace Technology Partners LLC, Counter Trade Products Inc., General Dynamics IT, Federal Network Systems LLC, Dell Federal Systems L.P., Harries IT Services, Iron Bow Technologies LLC, Immix Technology Inc., M2Technology Inc., Sterling Computers, Force 3 Inc., PCMail Gov, Blue Tech Inc., Unicom Government Inc. Formerly GTSI Corp, Global Technology Resources Inc., Insight Public Sector Inc., Presidio Networked Solutions, FCN Inc., ActioNet Inc., DSD Laboratories Inc., Array Information Technology Inc., Excellus Solutions LLC., Datum Software Inc., Digital Management Inc., Exeter Government Services LLC, IndraSoft, Diligent Consulting Inc., Diversified Technical Services Inc., Segue Technologies, SI Systems Technologies. Award/delivery dates reflect date of first award and delivery.; Ongoing requirement driven by installation schedule and fielding of spiral software releases.
- (2) Reference footnote (1)
- (3) Reference footnote (1)
- (4) TBMCS-FL Training and Fielding is being accomplished under a series of Work Orders with Ogden Air Logistics Center who provides system support, fielding and training.; Ongoing requirement driven by installation schedule and fielding of spiral software releases.
- (5) TBMCS-FL PMA is provided via multiple contracts. This includes, but is not limited to: contracts with FFRDC MITRE, and competitively awarded contracts for engineering, technical, specialty, cost and schedule support.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force															Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834520 / Theater Battle Mgt C2 System								Item Number / Title [DODIC]: - / UL/UC2						
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total	
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-			3.873			3.247			3.825			-			3.825	
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Net Procurement (P1) <i>(\$ in Millions)</i>					-			3.873			3.247			3.825			-			3.825	
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Total Obligation Authority <i>(\$ in Millions)</i>					-			3.873			3.247			3.825			-			3.825	
(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>(\$ in Millions)</i>					-			-			-			-			-			-	
# The FY 2015 OCO Request will be submitted at a later date.																					
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Package Fielding - PackageFielding Cost Element Category Cost																					
Recurring Cost																					
2.a. UL/UC2 Hardware & COTS Software ⁽⁶⁾	A		-	-	-	-	-	3.043	-	-	2.260	-	-	2.840	-	-	-	-	-	2.840	
Subtotal: Recurring Cost			-	-	-	-	-	3.043	-	-	2.260	-	-	2.840	-	-	-	-	-	2.840	
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost			-	-	-	-	-	3.043	-	-	2.260	-	-	2.840	-	-	-	-	-	2.840	
Support - Support Cost Element Category Cost																					
2.b. UL/UC2 PMA ⁽⁷⁾			-	-	-	-	-	0.830	-	-	0.987	-	-	0.985	-	-	-	-	-	0.985	
Subtotal: Support - Support Cost Element Category Cost			-	-	-	-	-	0.830	-	-	0.987	-	-	0.985	-	-	-	-	-	0.985	
Gross/Weapon System Cost			-	-	-	-	-	3.873	-	-	3.247	-	-	3.825	-	-	-	-	-	3.825	
Secondary Distribution								FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total	
AF			Quantity					-			-			-			-			-	
			Total Obligation Authority					3.873			3.247			3.825			-			3.825	
Total: Secondary Distribution			Quantity					-			-			-			-			-	
			Total Obligation Authority					3.873			3.247			3.825			-			3.825	
Footnotes:																					

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4	P-1 Line Item Number / Title: 834520 / Theater Battle Mgt C2 System	Item Number / Title [DODIC]: - / UL/UC2
(6) Varying quantities and unit costs due to number/types of equipment being procured for specific sites.; UL/UC2 systems are procured using multiple contracts for COTS equipment and software. Companies include FedStore Corporation, Intelligent Decision Inc., World Wide Technology Inc., Micro Tech, Red River Computer Company, CDW Government LLC, Integration Technologies Group, Ace Technology Partners LLC, Counter Trade Products Inc., General Dynamics IT, Federal Network Systems LLC, Dell Federal Systems L.P., Harries IT Services, Iron Bow Technologies LLC, Immix Technology Inc., M2Technology Inc., Sterling Computers, Force 3 Inc., PCMail Gov, Blue Tech Inc., Unicom Government Inc. Formerly GTSI Corp, Global Technology Resources Inc., Insight Public Sector Inc., Presidio Networked Solutions, FCN Inc., ActioNet Inc., DSD Laboratories Inc., Array Information Technology Inc., Excellus Solutions LLC., Datum Software Inc., Digital Management Inc., Exeter Government Services LLC, IndraSoft, Diligent Consulting Inc., Diversified Technical Services Inc., Segue Technologies, SI Systems Technologies. Award/delivery dates reflect date of first award and delivery. Ongoing requirement driven by installation schedule and fielding of spiral software releases. ; Specs Avail Date: Program purchases latest versions of COTS hardware available for delivery.; Ongoing requirement driven by installation schedule and fielding of spiral software releases.; Quantities calculated by combining the number of Ops servers (NIPR, SIPR, or Training Kits), COTS licenses (new hardware only), and Intel base kits (~5 computers). (7) UL/UC2 PMA is provided via multiple contracts. This includes, but is not limited to: contracts with FFRDC MITRE, and competitively awarded contracts for engineering, technical, specialty, cost and schedule support.		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4							P-1 Line Item Number / Title: 834520 / Theater Battle Mgt C2 System							Item Number / Title [DODIC]: - / PRC2								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-			1.205			1.040			1.250			-			1.250		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					-			1.205			1.040			1.250			-			1.250		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					-			1.205			1.040			1.250			-			1.250		
(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>(\$ in Millions)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Package Fielding - PackageFielding Cost Element Category Cost																						
Recurring Cost																						
3.a. PRC2 Hardware & COTS Software ⁽⁸⁾		A	-	-	-	-	-	1.205	-	-	0.352	-	-	0.562	-	-	-	-	-	0.562		
Subtotal: Recurring Cost			-	-	-	-	-	1.205	-	-	0.352	-	-	0.562	-	-	-	-	-	0.562		
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost			-	-	-	-	-	1.205	-	-	0.352	-	-	0.562	-	-	-	-	-	0.562		
Support - Support Cost Element Category Cost																						
3.b. PRC2 PMA ⁽⁹⁾			-	-	-	-	-	-	-	-	0.688	-	-	0.688	-	-	-	-	-	0.688		
Subtotal: Support - Support Cost Element Category Cost			-	-	-	-	-	-	-	-	0.688	-	-	0.688	-	-	-	-	-	0.688		
Gross/Weapon System Cost			-	-	-	-	-	1.205	-	-	1.040	-	-	1.250	-	-	-	-	-	1.250		
Secondary Distribution							FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
AF				Quantity			-			-			-			-			-			
				Total Obligation Authority			1.205			1.040			1.250			-			1.250			
Total: Secondary Distribution				Quantity			-			-			-			-			-			
				Total Obligation Authority			1.205			1.040			1.250			-			1.250			
Footnotes:																						

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4	P-1 Line Item Number / Title: 834520 / Theater Battle Mgt C2 System	Item Number / Title [DODIC]: - / PRC2

⁽⁸⁾ Varying quantities and unit costs due to number/types of equipment being procured for specific sites.; Specs Avail Date: Program purchases latest versions of COTS hardware available for delivery.; PRC2 systems are procured for Active Duty, Air National Guard, and Air Force Reserve locations using multiple contracts for COTS equipment and software. Companies include FedStore Corporation, Intelligent Decision Inc., World Wide Technology Inc., Micro Tech, Red River Computer Company, CDW Government LLC, Integration Technologies Group, Ace Technology Partners LLC, Counter Trade Products Inc., General Dynamics IT, Federal Network Systems LLC, Dell Federal Systems L.P., Harries IT Services, Iron Bow Technologies LLC, Immix Technology Inc., M2Technology Inc., Sterling Computers, Force 3 Inc., PCMail Gov, Blue Tech Inc., Unicom Government Inc. Formerly GTSI Corp, Global Technology Resources Inc., Insight Public Sector Inc., Presidio Networked Solutions, FCN Inc., ActioNet Inc., DSD Laboratories Inc., Array Information Technology Inc., Excellus Solutions LLC., Datum Software Inc., Digital Management Inc., Exeter Government Services LLC, IndraSoft, Diligent Consulting Inc., Diversified Technical Services Inc., Segue Technologies, SI Systems Technologies. Award/delivery dates reflect date of first award and delivery.; Ongoing requirement driven by installation schedule and fielding of spiral software releases.

⁽⁹⁾ PRC2 PMA is provided via multiple contracts. This includes, but is not limited to: contracts with FFRDC MITRE, and competitively awarded contracts for engineering, technical, specialty, cost and schedule support.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects						P-1 Line Item Number / Title: 834530 / Air & Space Operations Ctr-WPN SYS						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements: 0207410F, 0604458F					
Line Item MDAP/MAIS Code: N42		Item MDAP/MAIS Code(s):										
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	18.431	33.087	26.880	25.772	-	25.772	14.122	14.528	9.650	9.944	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	18.431	33.087	26.880	25.772	-	25.772	14.122	14.528	9.650	9.944	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	18.431	33.087	26.880	25.772	-	25.772	14.122	14.528	9.650	9.944	Continuing	Continuing
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: The Air Operations Center Weapon System (AOC WS), AN/USQ-163 Falconer, the senior element of the Theater Air Control System, is the weapon system that the Commander, Air Force Forces (COMAFFOR) provides the Combined/Joint Force Air Component Commander (C/JFACC) for monitoring, planning, executing and assessing theater-wide air and space operations in support of the air battle campaign to meet the Combined/Joint Force Commander's (C/JFC) objectives. The AOC WS funding provides system hardware, software, technical documents, capital equipment replacement, core radio and difference training to standardize and sustain the weapon system 10.1 program baseline. The fielding and capital equipment replacement consist of AOCs and their associated support sites (e.g., help desk, Formal Training Unit, experimental sites, and Air Reserve Component sites). In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Funding for this exhibit contained in PE 0207410F.												
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019		
AF	Quantity	-	-	-	-	-	-	-	-	-		
	Total Obligation Authority	31.087	22.880	15.372	-	15.372	-	-	-	-		
AFNG	Quantity	-	-	-	-	-	-	-	-	-		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects	P-1 Line Item Number / Title: 834530 / Air & Space Operations Ctr-WPN SYS

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0207410F, 0604458F

Line Item MDAP/MAIS Code: N42	Item MDAP/MAIS Code(s):

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AFR	Total Obligation Authority	-	-	6.500	-	6.500	-	-	-	-
	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.000	4.000	3.900	-	3.900	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	33.087	26.880	25.772	-	25.772	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Air & Space Operations Ctr-WPN SYS	P-5		-	-	18.431	-	-	33.087	-	-	26.880	-	-	25.772	-	-	-	-	-	25.772
Total Gross/Weapon System Cost			-	-	18.431	-	-	33.087	-	-	26.880	-	-	25.772	-	-	-	-	-	25.772

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

1. INCREMENT FIELDING: The AOC WS uses the product improvement approach to field upgraded system capabilities, and for periodic Capital Equipment Replacement to keep the AOC WS interoperable, supportable, and compliant (e.g., certification and accreditation). Increment Fielding will provide significant Joint Command and Control (C2) interoperability; and respond to the highest priority Combatant Commander (COCOM) interoperability problems including incorporating fixes to shortfalls in interactions with COCOM targeting support systems, enhancing the effectiveness and capacity of the operational picture to respond to the proliferation of sensors and resultant data as well as address serious shortfalls in performance being experienced with older third party program deliveries. Major subsystems have enhanced their security profile and this fielding will serve as a reaccreditation of the overall AOC Weapon System baseline. The sustainment profile of the system is enhanced by introducing large scale virtualization, and it provides an excellent transition point for the AOC WS modernization baseline. Primary efforts in increment fielding include Capital Equipment Replacement and Recurring Events (REs).

There are three distinct categories of AOCs: Geographic, Functional, and assorted AOC Support Functions (Help Desk, Formal Training Unit, and Air Reserve Component sites). While all sites start with the standardized 10.1 baseline, each is specifically tailored to the needs of the associated COCOM or Functional Command. Thus, as no two AOCs are alike when a Capital Equipment Replacement or RE is accomplished, each site is unique and requires its own specifically designed site-engineered fielding plan and associated hardware, which drives differences in site specific (i.e., unit) costs.

Funding may be used to alleviate Diminishing Manufacturing Sources (DMS) issues.

a. CAPITAL EQUIPMENT REPLACEMENT: FY15 funds will be used to keep the AOCs and their associated support sites up-to-date by replacing end-of-life/end of support components with solutions that will bridge between 10.1 and 10.2 (e.g., selective deployment of virtualization technologies and core radio package). Virtualization technologies will help maximize system utilization by reducing costs and providing a more resilient infrastructure through the combining of multiple work environments into a single-point. FY15 Capital Equipment Replacement will address numerous commercial end-of-life and DMS components that must be resolved. Differences in site specific setup (due to variations between Combatant Commander or Functional Command needs) will drive differences in site specific requirements. Therefore, there is no meaningful way to measure quantities as the Capital Equipment Replacement of each site is significantly different.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 4: Spcl Comm-Electronics Projects		P-1 Line Item Number / Title: 834530 / Air & Space Operations Ctr-WPN SYS
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0207410F, 0604458F
Line Item MDAP/MAIS Code: N42	Item MDAP/MAIS Code(s):	
b. RECURRING EVENTS (RE): REs are regularly scheduled spiral upgrades to keep the AOC interoperable, supportable, and compliant (e.g., certification and accreditation). They are normally comprised of hardware/software changes/updates and security patches. Each RE is based on warfighter-validated needs and improvements to the AOC WS. The spiral upgrades will vary in levels of complexity based on what system changes are required and therefore incorporated. The level-of-complexity upgrades will impact the recurring costs of fielding the upgrades: each annual spiral upgrade is based on the number of systems affected, what aging equipment needs to undergo Capital Equipment Replacement, and the length of time necessary to accomplish the modification at each site. FY15 will fund REs, periodic maintenance upgrades, emergency fixes, and other activities (e.g., security fixes, testing activities) potentially affecting some or all AOCs (Geographical/Functional/Support) and their associated support sites. Additionally, differences in site specific setup (due to variations between Combatant Commander or Functional Command needs) will drive differences in site specific requirements. Therefore, there is no meaningful way to measure quantities as the fielding of an RE to each site is significantly different. c. TECHNICAL DOCUMENTATION: FY15 funds will procure and update the current baseline Descriptive List of Applicable Publications, AOC unique systems (e.g., Boundary Security System), and technical documents for the AOC WS. The funds will also be used to maintain the AOC WS technical documentation in a common location. d. TRAINING: Funds were used to provide initial cadre instruction for installation training related to operating and supporting the fielded AOC WS. No FY15 funding requested. e. INTEGRATED AIR & MISSILE DEFENSE (IAMD): Operational C2 of IAMD is a project dedicated to increasing the operational capacity of the current AOC in counter air, ballistic missile defense, and intercontinental ballistic missile defense. The purpose of the effort is to integrate existing systems and enhance dynamic planning, re-planning capabilities. No FY15 funding requested. f. FIELDING SPO SUPPORT: FY15 funds will be used to provide government oversight, technical expertise, and program office support associated with the fielding of AOC. g. TEST SUPPORT (46TS): FY15 funds will be used to provide government oversight and technical expertise associated with the testing of AOC. 2. PROGRAM MANAGEMENT ADMINISTRATION (PMA): The breakdown of this activity includes the following: a. PROGRAM SUPPORT: FY15 funding includes provisions for government contract oversight, technical expertise, and program management office support associated with 10.1 baseline standardization of the AOC weapon system. Items requested in FY15 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4			P-1 Line Item Number / Title: 834530 / Air & Space Operations Ctr-WPN SYS			Item Number / Title [DODIC]: - / Air & Space Operations Ctr-WPN SYS

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	18.431	33.087	26.880	25.772	-	25.772
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	18.431	33.087	26.880	25.772	-	25.772
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	18.431	33.087	26.880	25.772	-	25.772

(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>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
1.a.1. CAPITAL EQUIPMENT REPLACEMENT: GEOGRAPHIC/ FUNCTIONAL AOC - AD	A	-	-	0.438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.a.2. CAPITAL EQUIPMENT REPLACEMENT: AOC SUPPORT SITES - AD	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.a.3. CAPITAL EQUIPMENT REPLACEMENT: AOC EXPERIMENTAL SITES - AD	A	-	-	0.000	-	-	2.049	-	-	2.100	-	-	2.082	-	-	-	-	-	2.082
1.a.4. CAPITAL EQUIPMENT REPLACEMENT - RESERVE	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.a.5: CAPITAL EQUIPMENT REPLACEMENT - GUARD	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.b.1. RECURRING EVENTS: AOC SITES - AD	A	-	-	11.600	-	-	11.216	-	-	9.609	-	-	7.285	-	-	-	-	-	7.285

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Exhibit P-5, Cost Analysis: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4								P-1 Line Item Number / Title: 834530 / Air & Space Operations Ctr-WPN SYS								Item Number / Title [DODIC]: - / Air & Space Operations Ctr-WPN SYS			

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1.b.2. RECURRING EVENTS: SUPPORT SITES - AD	A	-	-	0.000	-	-	5.936	-	-	3.600	-	-	-	-	-	-	-	-	-
1.b.3. RECURRING EVENTS: EXPERIMENTAL SITES - AD	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.b.4. RECURRING EVENTS - RESERVE	A	-	-	0.000	-	-	2.000	-	-	4.000	-	-	3.900	-	-	-	-	-	3.900
1.b.5. RECURRING EVENTS - GUARD	A	-	-	0.000	-	-	-	-	-	-	-	-	6.500	-	-	-	-	-	6.500
1.c. TECHNICAL DOCUMENTATION	A	-	-	0.000	-	-	0.300	-	-	0.300	-	-	0.300	-	-	-	-	-	0.300
1.d. TRAINING	A	-	-	0.000	-	-	2.227	-	-	0.690	-	-	-	-	-	-	-	-	-
1.e. IAMD	A	-	-	0.000	-	-	3.415	-	-	-	-	-	-	-	-	-	-	-	-
1.f. FIELDING (SPO) SUPPORT	A	-	-	3.277	-	-	3.756	-	-	4.257	-	-	4.000	-	-	-	-	-	4.000
1.g. TEST SUPPORT (46TS)	A	-	-	0.519	-	-	0.500	-	-	1.300	-	-	0.750	-	-	-	-	-	0.750
<i>Subtotal: Recurring Cost</i>		-	-	15.834	-	-	31.399	-	-	25.856	-	-	24.817	-	-	-	-	-	24.817
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	15.834	-	-	31.399	-	-	25.856	-	-	24.817	-	-	-	-	-	24.817
Support - Support Cost Element Category Cost																			
2.a. PROGRAM MANAGEMENT ADMINISTRATION: PROGRAM SUPPORT		-	-	1.021	-	-	0.606	-	-	1.024	-	-	0.955	-	-	-	-	-	0.955
2.b. PROGRAM MANAGEMENT ADMINISTRATION: TECHNICAL DOCUMENTATION		-	-	0.300	-	-	0.300	-	-	-	-	-	-	-	-	-	-	-	-
2.c. PROGRAM MANAGEMENT ADMINISTRATION: TRAINING		-	-	1.276	-	-	0.782	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	2.597	-	-	1.688	-	-	1.024	-	-	0.955	-	-	-	-	-	0.955
Gross/Weapon System Cost		-	-	18.431	-	-	33.087	-	-	26.880	-	-	25.772	-	-	-	-	-	25.772

Remarks:

1) Due to different levels of complexity, differences in equipment to be updated and length of required time necessary for modification total cost will fluctuate between fiscal years.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 4	P-1 Line Item Number / Title: 834530 / Air & Space Operations Ctr-WPN SYS	Item Number / Title [DODIC]: - / Air & Space Operations Ctr-WPN SYS

2) Differences in site specific setup (due to variations between mission specific needs and differences in site type i.e., Geographic vs. Functional vs. Associated Support Site vs. Reserve Components) will drive differences in site specific requirements (e.g., time required, hardware required and software required). This makes quantification impossible, as there is no single baseline to produce a quantity against. Per DoD Financial Regulation 7000.14-R, Volume 2B, Chapter 4, Exhibit P-5 Instruction, the quantities in the P-5 are left blank as there is no way to report applicable quantities.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	31.087	22.880	15.372	-	15.372
AFR	Quantity	-	-	-	-	-
	Total Obligation Authority	2.000	4.000	3.900	-	3.900
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	6.500	-	6.500
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	33.087	26.880	25.772	-	25.772

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications							P-1 Line Item Number / Title: 835060 / Information Transport Systems					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements:					
Line Item MDAP/MAIS Code: N78			Item MDAP/MAIS Code(s):									
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	82.165	37.965	67.582	81.286	-	81.286	92.755	81.376	58.550	59.713	-	561.392
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	82.165	37.965	67.582	81.286	-	81.286	92.755	81.376	58.550	59.713	-	561.392
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	82.165	37.965	67.582	81.286	-	81.286	92.755	81.376	58.550	59.713	-	561.392
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: BASE INFORMATION TRANSPORT INFRASTRUCTURE (BITI), formerly known as INFORMATION TRANSPORT SYSTEM (ITS): BITI delivers the Air Force cyberspace network an integrated infrastructure for over 170 fixed Air Force installations (active duty, reserve, and Air National Guard (ANG)) and Geographically Separated Units (GSU) at approved locations. Integrated BITI will have a consolidated cyber capability addressing emerging cyber threats to infrastructure. BITI capabilities encompass all optical systems, digital voice/data/video systems, commercial devices, unified capabilities and wireless capabilities. The end result of a Turnkey project is a high-speed packet switching and circuit transport of critical information among core buildings and mission areas on a base. Additionally, BITI provides a robust and secure wireless infrastructure that incorporates high-availability and multi-tiered network connections at approved facilities requiring remote access. The efforts in this program budget line through its various increments and major projects, coupled with the efforts from the Air Force Network budget line enable the fielding, support and sustainment of standard, enterprise solutions for the entire Air Force Intranet from the individual base communications closets to the Air Force gateways and all the components and systems in-between in cyberspace. BITI will ensure that Air Force operating locations have sufficient infrastructure, bandwidth, and overall network capability to support the current and future communication needs of the Air Force and Joint-Command warfighter via reliable and survivable information transport with sufficient capacity and capability to meet the classified and unclassified data, voice, video, imagery, and telemetry requirements at each installed location. BITI Turnkey: Modernizes complete system/sub-system infrastructure/equipment for all BITI fielded systems for over 170 fixed Air Force installations (active duty, reserve, and ANG) and GSU at approved locations. BITI Modernization: Modernizes component level equipment for all BITI fielded systems for over 170 fixed Air Force installations (active duty, reserve, and ANG and GSU at approved locations). In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. Funding for this exhibit contained in PE 0303112F.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications												P-1 Line Item Number / Title: 835060 / Information Transport Systems									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Line Item MDAP/MAIS Code: N78						Item MDAP/MAIS Code(s):															
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019											
AF	Quantity	10	18	17	-	17	32	26	16	10											
	Total Obligation Authority	37.965	65.952	72.217	-	72.217	92.755	76.430	51.901	56.431											
AFR	Quantity	-	5	7	-	7	-	2	4	4											
	Total Obligation Authority	-	1.630	9.069	-	9.069	-	4.946	6.649	3.282											
Total: Secondary Distribution	Quantity	10	23	24	-	24	32	28	20	14											
	Total Obligation Authority	37.965	67.582	81.286	-	81.286	92.755	81.376	58.550	59.713											

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Item - BITI Turnkey Prime Projects	P-5, P-5a, P-21		-	-	38.639	2.563	5	12.814	0.736	17	12.508	3.348	14	46.865	-	-	-	3.348	14	46.865
Item - Modernization Prime Contract	P-5, P-5a, P-21		-	-	35.144	2.913	5	14.566	7.744	6	46.462	1.936	10	19.362	-	-	-	1.936	10	19.362
Item - BITI Direct Mission Support Costs	P-5		-	-	0.680	-	-	8.602	-	-	4.190	-	-	4.587	-	-	-	-	-	4.587
Item - BITI Program Management Administration Contractor Services	P-5		-	-	7.702	-	-	1.983	-	-	4.422	-	-	10.472	-	-	-	-	-	10.472
Total Gross/Weapon System Cost			-	-	82.165	-	-	37.965	-	-	67.582	-	-	81.286	-	-	-	-	-	81.286

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	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)
Item - BITI Turnkey Prime Projects	P-5, P-5a, P-21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.079	36	110.826
Item - Modernization Prime Contract	P-5, P-5a, P-21		-	-	78.446	-	-	67.455	-	-	45.594	-	-	46.528	-	-	-	16.836	21	353.557
Item - BITI Direct Mission Support Costs	P-5		-	-	4.675	-	-	4.762	-	-	4.855	-	-	4.947	-	-	-	-	-	37.298
Item - BITI Program Management Administration Contractor Services	P-5		-	-	9.634	-	-	9.159	-	-	8.101	-	-	8.238	-	-	-	-	-	59.711

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications												P-1 Line Item Number / Title: 835060 / Information Transport Systems									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Line Item MDAP/MAIS Code: N78				Item MDAP/MAIS Code(s):																	
Exhibits Schedule				FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)	
Total Gross/Weapon System Cost			-	-	92.755	-	-	81.376	-	-	58.550	-	-	59.713	-	-	-	-	-	561.392	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					

Justification:
 BITI: FY15 funding includes, but is not limited to, implementation and upgrades to broadband, fiber-optic digital information transport networks to provide mission-critical information transfer capabilities at fixed Air Force bases (Active Duty, Air Force Reserve, and Air National Guard) and selected geographically separated unit locations. Procurement projects and efforts include, but are not limited, to site surveys, installations, and interim contractor support (ICS).

BITI Modernization: FY15 modernizes complete system infrastructure/equipment for all BITI fielded systems for over 170 fixed Air Force installations (active duty, reserve, and Air National Guard (ANG))and Geographically Separated Units (GSU) at approved locations.

\$31.300M of the funding for this effort in FY15 was inadvertently loaded into P-1 Line Item #39, 835080 AFNET. If appropriated, the Air Forceplans to execute the \$31.300M in Line Item #38, 835060 Information Transport Systems as required. If appropriated, Line #2, 835060 BITI Turnkey Projects - AD Installation, would execute \$73.858M instead of \$42.558M.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force								Date: March 2014											
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835060 / Information Transport Systems					Item Number / Title [DODIC]: - / BITI Turnkey Prime Projects										
Resource Summary		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total						
Procurement Quantity <i>(Units in Each)</i>		-	5	17	14	-	14	-	-	-	-	-	36						
Gross/Weapon System Cost <i>(\$ in Millions)</i>		38.639	12.814	12.508	46.865	-	46.865	-	-	-	-	-	110.826						
Less PY Advance Procurement <i>(\$ in Millions)</i>		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) <i>(\$ in Millions)</i>		38.639	12.814	12.508	46.865	-	46.865	-	-	-	-	-	110.826						
Plus CY Advance Procurement <i>(\$ in Millions)</i>		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority <i>(\$ in Millions)</i>		38.639	12.814	12.508	46.865	-	46.865	-	-	-	-	-	110.826						
(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>(\$ in Millions)</i>		-	2.563	0.736	3.348	-	3.348	-	-	-	-	-	3.079						
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
-- BITI Turnkey Projects - AD Site Survey ^(†)	A	0.627	9	5.644	0.533	4	2.130	0.788	9	7.095	-	-	-	-	-	-	-	-	-
-- BITI Turnkey Projects - AD Installation ^{(†) (1)}	A	3.666	9	32.995	10.684	1	10.684	1.261	3	3.783	4.729	9	42.558	-	-	-	4.729	9	42.558
-- BITI Turnkey Projects - Reserve Installation ^(†)	A	-	-	-	-	-	-	-	-	-	0.861	5	4.307	-	-	-	0.861	5	4.307
-- BITI Turnkey Projects - Reserve Site Survey ^(†)	A	-	-	-	-	-	-	0.326	5	1.630	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	38.639	-	-	12.814	-	-	12.508	-	-	46.865	-	-	-	-	-	46.865
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	38.639	-	-	12.814	-	-	12.508	-	-	46.865	-	-	-	-	-	46.865
Gross/Weapon System Cost		-	-	38.639	2.563	5	12.814	0.736	17	12.508	3.348	14	46.865	-	-	-	3.348	14	46.865

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5								P-1 Line Item Number / Title: 835060 / Information Transport Systems						Item Number / Title [DODIC]: - / BITI Turnkey Prime Projects				

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
-- BITI Turnkey Projects - AD Site Survey ^(†)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.676	22	14.869
-- BITI Turnkey Projects - AD Installation ^(†)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.092	22	90.020
-- BITI Turnkey Projects - Reserve Installation ^(†)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.861	5	4.307
-- BITI Turnkey Projects - Reserve Site Survey ^(†)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.326	5	1.630
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110.826
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110.826
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.079	36	110.826

Remarks:

Unit cost has significant variability due to size and complexity of bases/projects. A quantity is defined as a base location's site survey or install and is projected based on mission requirements and funding availability.

Manpower (consisting of DMS & PMA) is a combined Operations & Support and Acquisition cost.

PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA BITI program supports the operation of the program office in its management and oversight role. PMA supports the BITI and the Base Information Infrastructure (BII) Program with engineering and technical support, as well as, support activities for the program.

DIRECT MISSION SUPPORT (DMS): DMS for BITI includes all support associated with equipment installation, engineering, technical orders, sustainment engineering, and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products.

Funding for Turnkey projects ends in 2016, all other funding line items continue through 2027. 2017 and beyond are solely modernizations.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	5	12	9	-	9	-	-	-	-
	Total Obligation Authority	12.814	10.878	42.558	-	42.558	-	-	-	-
AFR	Quantity	-	5	5	-	5	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Air Force							Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5			P-1 Line Item Number / Title: 835060 / Information Transport Systems				Item Number / Title [DODIC]: - / BITI Turnkey Prime Projects			
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
	Total Obligation Authority	-	1.630	4.307	-	4.307	-	-	-	-
Total: Secondary Distribution	Quantity	5	17	14	-	14	-	-	-	-
	Total Obligation Authority	12.814	12.508	46.865	-	46.865	-	-	-	-

(t) indicates the presence of a P-5a

Footnotes:

(1) \$31.300M of the funding for this effort in FY15 was inadvertently loaded into P-1 Line Item #39, 835080 AFNET. If appropriated, the Air Force plans to execute the \$31.300M in Line Item #38, 835060 Information Transport Systems as required. If appropriated, Line #2, 835060 BITI Turnkey Projects - AD Installation, would execute \$73.858M instead of \$42.558M.

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Exhibit P-5a, Procurement History and Planning: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835060 / Information Transport Systems				Item Number / Title [DODIC]: - / BITI Turnkey Prime Projects				

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 Revision Available	RFP Issue Date
-- BITI Turnkey Projects - AD Site Survey ^(†)		2013	NETCENTS / Multiple	C / FFP	Hanscom AFB	Mar 2013	Mar 2014	4	0.533	Y		Nov 2012
-- BITI Turnkey Projects - AD Site Survey ^(†)		2014	VARIOUS / Multiple	C / FFP	Hanscom AFB	May 2014	May 2015	9	0.788	Y		Dec 2013
-- BITI Turnkey Projects - AD Installation ^(†)		2013	NETCENTS / Multiple	C / FFP	Hanscom AFB	Mar 2014	Mar 2015	1	10.684	Y		Nov 2012
-- BITI Turnkey Projects - AD Installation ^(†)		2014	VARIOUS / Multiple	C / FFP	Hanscom AFB	Jan 2014	Jan 2015	3	1.261	Y		Nov 2012
-- BITI Turnkey Projects - AD Installation ^(†)		2015	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Jan 2015	Jan 2016	9	4.729	Y		Nov 2013
-- BITI Turnkey Projects - Reserve Installation ^(†)		2015	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Feb 2015	Feb 2016	5	0.861	Y		Oct 2014
-- BITI Turnkey Projects - Reserve Site Survey		2014	Various / Multiple	C / FFP	Hanscom AFB	Apr 2014	May 2015	5	0.326	Y		Dec 2013

^(†) indicates the presence of a P-21

Remarks:

Cost information is in actual dollars.

(1) Multiple award and delivery dates to be awarded to existing contracts

(2) Multiple contractors will be used to satisfy requirements. Contracts are typically, but not exclusively, accomplished via NETCENTS.

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Exhibit P-21, Production Schedule: PB 2015 Air Force																							Date: March 2014										
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5										P-1 Line Item Number / Title: 835060 / Information Transport Systems													Item Number / Title [DODIC]: - / BITI Turnkey Prime Projects										
Cost Elements (Units in Each)							Fiscal Year 2013														Fiscal Year 2014												
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT				Calendar Year 2013											Calendar Year 2014												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
-- BITI Turnkey Projects - AD Site Survey																																	
Prior Years Deliveries: 9																																	
	1	2013	AF		4	-	4							-	-	-	-	-	-	-	-	-	-	-	2	2							-
	2	2014	AF		9	-	9																					-	-	-	-	-	9
-- BITI Turnkey Projects - AD Installation ⁽¹⁾																																	
Prior Years Deliveries: 9																																	
	3	2013	AF		1	-	1																									1	
	4	2014	AF		3	-	3																		-	-	-	-	-	-	-	3	
	5	2015	AF		9	-	9																									9	
-- BITI Turnkey Projects - Reserve Installation																																	
	6	2015	AF		5	-	5																									5	
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2015 Air Force																				Date: March 2014																
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5										P-1 Line Item Number / Title: 835060 / Information Transport Systems										Item Number / Title [DODIC]: - / BITI Turnkey Prime Projects																
Cost Elements (Units in Each)							Fiscal Year 2015													Fiscal Year 2016																
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT				Calendar Year 2015													Calendar Year 2016													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					
-- BITI Turnkey Projects - AD Site Survey																																				
Prior Years Deliveries: 9																																				
	1	2013	AF		4	4	-																								-					
	2	2014	AF		9	-	9	-	-	-	-	-	-	-	4	4	1														-					
-- BITI Turnkey Projects - AD Installation ⁽¹⁾																																				
Prior Years Deliveries: 9																																				
	3	2013	AF		1	-	1	-	-	-	-	-	1																	-						
	4	2014	AF		3	-	3	-	-	-	1	2																		-						
	5	2015	AF		9	-	9				-	-	-	-	-	-	-	-	-	-	2	2	2	2	1					-						
-- BITI Turnkey Projects - Reserve Installation																																				
	6	2015	AF		5	-	5					-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	2	-						
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Production Schedule: PB 2015 Air Force								Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835060 / Information Transport Systems				Item Number / Title [DODIC]: - / BITI Turnkey Prime Projects			

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	NETCENTS - Multiple	-	-	-	-	-	-	-	-	-	-	-
2	VARIOUS - Multiple	-	-	-	-	-	-	-	-	-	-	-
3	NETCENTS - Multiple	-	-	-	-	-	-	-	-	-	-	-
4	VARIOUS - Multiple	-	-	-	-	-	-	-	-	-	-	-
5	NETCENTS II - Multiple	-	-	-	-	-	-	-	-	-	-	-
6	NETCENTS II - Multiple	-	-	-	-	-	-	-	-	-	-	-

Remarks:

Project schedules vary in each project because the level of effort required depends upon the size of the base (i.e. the number of users on the network and the number of buildings included in the project).

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-5, Cost Analysis: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835060 / Information Transport Systems					Item Number / Title [DODIC]: - / Modernization Prime Contract			

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	5	6	10	-	10	-	-	-	-	-	21
Gross/Weapon System Cost <i>(\$ in Millions)</i>	35.144	14.566	46.462	19.362	-	19.362	78.446	67.455	45.594	46.528	-	353.557
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	35.144	14.566	46.462	19.362	-	19.362	78.446	67.455	45.594	46.528	-	353.557
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	35.144	14.566	46.462	19.362	-	19.362	78.446	67.455	45.594	46.528	-	353.557

(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>(\$ in Millions)</i>	-	2.913	7.744	1.936	-	1.936	-	-	-	-	-	16.836

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
-- BITI - Modernization AD Site Survey ^(†)	A	-	-	-	0.770	1	0.770	0.571	2	1.142	0.548	4	2.190	-	-	-	0.548	4	2.190
-- BITI - Modernization AD Installation ^(†)	A	2.000	1	2.000	2.567	4	10.269	4.265	4	17.059	3.103	4	12.410	-	-	-	3.103	4	12.410
-- BITI - Modernization Reserve Site Survey ^(†)	A	-	-	-	-	-	-	-	-	-	0.714	1	0.714	-	-	-	0.714	1	0.714
-- BITI - Modernization Reserve Installation ^(†)	A	-	-	-	-	-	-	-	-	-	4.048	1	4.048	-	-	-	4.048	1	4.048
--BITI - Minor Modernization	A	-	-	33.144	-	-	3.527	-	-	28.261	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	35.144	-	-	14.566	-	-	46.462	-	-	19.362	-	-	-	-	-	19.362
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	35.144	-	-	14.566	-	-	46.462	-	-	19.362	-	-	-	-	-	19.362
Gross/Weapon System Cost		-	-	35.144	2.913	5	14.566	7.744	6	46.462	1.936	10	19.362	-	-	-	1.936	10	19.362

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5								P-1 Line Item Number / Title: 835060 / Information Transport Systems								Item Number / Title [DODIC]: - / Modernization Prime Contract			

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
-- BITI - Modernization AD Site Survey ^(†)	A	0.727	16	11.628	0.718	13	9.328	0.728	8	5.827	1.272	5	6.359	-	-	-	0.760	49	37.244
-- BITI - Modernization AD Installation ^(†)	A	4.118	16	65.892	4.066	13	52.858	4.128	8	33.021	7.206	5	36.032	-	-	-	4.173	55	229.541
-- BITI - Modernization Reserve Site Survey ^(†)	A	-	-	-	0.742	1	0.742	0.499	2	0.997	0.246	2	0.492	-	-	-	0.491	6	2.945
-- BITI - Modernization Reserve Installation ^(†)	A	-	-	-	4.204	1	4.204	2.826	2	5.652	1.395	2	2.790	-	-	-	2.782	6	16.694
--BITI - Minor Modernization	A	-	-	0.926	-	-	0.323	-	-	0.097	-	-	0.855	-	-	-	-	-	67.133
Subtotal: Recurring Cost		-	-	78.446	-	-	67.455	-	-	45.594	-	-	46.528	-	-	-	-	-	353.557
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	78.446	-	-	67.455	-	-	45.594	-	-	46.528	-	-	-	-	-	353.557
Gross/Weapon System Cost		-	-	78.446	-	-	67.455	-	-	45.594	-	-	46.528	-	-	-	16.836	21	353.557

Remarks:

Unit cost has significant variability due to size and complexity of bases/projects. A quantity is defined as a base location's site survey or install and is projected based on mission requirements and funding availability.

Manpower (consisting of DMS & PMA) is a combined Operations & Support and Acquisition cost.

PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA BITI program supports the operation of the program office in its management and oversight role. PMA supports the BITI and the Base Information Infrastructure (BII) Program with engineering and technical support, as well as, support activities for the program.

DIRECT MISSION SUPPORT (DMS): DMS for BITI includes all support associated with equipment installation, engineering, technical orders, sustainment engineering, and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products.

Funding for Turnkey projects ends in 2016, all other funding line items continue through 2027. 2017 and beyond are solely modernizations.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	5	6	8	-	8	32	26	16	10
	Total Obligation Authority	14.566	46.462	14.600	-	14.600	78.446	62.509	38.945	43.246

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Exhibit P-5, Cost Analysis: PB 2015 Air Force						Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5			P-1 Line Item Number / Title: 835060 / Information Transport Systems			Item Number / Title [DODIC]: - / Modernization Prime Contract			

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AFR	Quantity	-	-	2	-	2	-	2	4	4
	Total Obligation Authority	-	-	4.762	-	4.762	-	4.946	6.649	3.282
Total:		5	6	10	-	10	-	-	-	-
Secondary Distribution		14.566	46.462	19.362	-	19.362	78.446	67.455	45.594	46.528

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835060 / Information Transport Systems				Item Number / Title [DODIC]: - / Modernization Prime Contract				
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 Revision Available	RFP Issue Date
-- BITI - Modernization AD Site Survey ^(†)		2013	NETCENTS / Multiple	C / FFP	Hanscom AFB	Mar 2013	Mar 2014	1	0.770	Y		Nov 2012
-- BITI - Modernization AD Site Survey ^(†)		2014	VARIOUS / Multiple	C / FFP	Hanscom AFB	Mar 2014	Mar 2015	2	0.571	Y		Nov 2013
-- BITI - Modernization AD Site Survey ^(†)		2015	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Mar 2015	Mar 2016	4	0.548	Y		Nov 2014
-- BITI - Modernization AD Site Survey ^(†)		2016	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Mar 2016	Mar 2017	16	0.727	Y		Nov 2015
-- BITI - Modernization AD Site Survey ^(†)		2017	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Mar 2017	Mar 2018	13	0.718	Y		Nov 2016
-- BITI - Modernization AD Site Survey ^(†)		2018	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Mar 2018	Mar 2019	8	0.728	Y		Nov 2017
-- BITI - Modernization AD Site Survey ^(†)		2019	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Mar 2019	Mar 2020	5	1.272	Y		Nov 2018
-- BITI - Modernization AD Installation ^(†)		2013	NETCENTS / Multiple	C / FFP	Hanscom AFB	Oct 2013	Oct 2014	4	2.567	Y		Jun 2013
-- BITI - Modernization AD Installation ^(†)		2014	VARIOUS / Multiple	C / FFP	Hanscom AFB	Jul 2014	Jul 2015	4	4.265	Y		Mar 2014
-- BITI - Modernization AD Installation ^(†)		2015	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Jul 2015	Jul 2016	4	3.103	Y		Mar 2015
-- BITI - Modernization AD Installation ^(†)		2016	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Jul 2016	Jul 2017	16	4.118	Y		Mar 2016
-- BITI - Modernization AD Installation ^(†)		2017	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Jul 2017	Jul 2018	13	4.066	Y		Mar 2017
-- BITI - Modernization AD Installation ^(†)		2018	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Jul 2018	Jul 2019	8	4.128	Y		Mar 2018
-- BITI - Modernization AD Installation ^(†)		2019	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Jul 2019	Jul 2020	5	7.206	Y		Mar 2019
-- BITI - Modernization Reserve Site Survey		2015	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Dec 2014	Dec 2015	1	0.714	Y		Aug 2014
-- BITI - Modernization Reserve Site Survey ^(†)		2017	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Dec 2016	Dec 2017	1	0.742	Y		Aug 2016
-- BITI - Modernization Reserve Site Survey ^(†)		2018	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Dec 2017	Dec 2018	2	0.499	Y		Aug 2017
-- BITI - Modernization Reserve Site Survey		2019	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Dec 2018	Dec 2019	2	0.246	Y		Aug 2018

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Exhibit P-5a, Procurement History and Planning: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5			P-1 Line Item Number / Title: 835060 / Information Transport Systems					Item Number / Title [DODIC]: - / Modernization Prime Contract				
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 Revision Available	RFP Issue Date
-- BITI - Modernization Reserve Installation		2015	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Dec 2014	Dec 2015	1	4.048	Y		Aug 2014
-- BITI - Modernization Reserve Installation ^(†)		2017	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Oct 2016	Oct 2017	1	4.204	Y		Aug 2016
-- BITI - Modernization Reserve Installation		2018	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Dec 2017	Dec 2018	2	2.826	Y		Aug 2017
-- BITI - Modernization Reserve Installation		2019	NETCENTS II / Multiple	C / FFP	Hanscom AFB	Dec 2018	Dec 2019	2	1.395	Y		Aug 2018

^(†) indicates the presence of a P-21

Remarks:

Cost information is in actual dollars.

(1) Multiple award and delivery dates to be awarded to existing contracts

(2) Multiple contractors will be used to satisfy requirements. Contracts are typically, but not exclusively, accomplished via NETCENTS.

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Exhibit P-21, Production Schedule: PB 2015 Air Force																			Date: March 2014													
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5										P-1 Line Item Number / Title: 835060 / Information Transport Systems										Item Number / Title [DODIC]: - / Modernization Prime Contract												
Cost Elements (Units in Each)							Fiscal Year 2013										Fiscal Year 2014															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 2	BAL D U E A S O F 1 O C T	Calendar Year 2013										Calendar Year 2014										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
-- BITI - Modernization AD Site Survey																																
	1	2013	AF	1	-	1						-	-	-	-	-	-	-	-	-	-	-	-	-	1							-
	2	2014	AF	2	-	2																			-	-	-	-	-	-	-	2
	3	2015	AF	4	-	4																										4
	3	2016	AF	16	-	16																										16
	3	2017	AF	13	-	13																										13
	3	2018	AF	8	-	8																										8
	3	2019	AF	5	-	5																										5
-- BITI - Moderization AD Installation																																
Prior Years Deliveries: 1																																
	4	2013	AF	4	-	4												-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	5	2014	AF	4	-	4																							-	-	-	4
	6	2015	AF	4	-	4																										4
	6	2016	AF	16	-	16																										16
	6	2017	AF	13	-	13																										13
	6	2018	AF	8	-	8																										8
	6	2019	AF	5	-	5																										5
-- BITI - Modernization Reserve Site Survey																																
	7	2017	AF	1	-	1																										1
	7	2018	AF	2	-	2																										2
-- BITI - Modernization Reserve Installation																																
	8	2017	AF	1	-	1																										1
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Production Schedule: PB 2015 Air Force																			Date: March 2014												
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5										P-1 Line Item Number / Title: 835060 / Information Transport Systems										Item Number / Title [DODIC]: - / Modernization Prime Contract											
Cost Elements (Units in Each)							Fiscal Year 2015										Fiscal Year 2016														
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 4	BAL D U E A S O F 1 O C T	Calendar Year 2015										Calendar Year 2016										B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
-- BITI - Modernization AD Site Survey																															
1	2013	AF		1	1	-																					-				
2	2014	AF		2	-	2	-	-	-	-	-	2											-								
3	2015	AF		4	-	4						-	-	-	-	-	-	-	-	-	-	-	-	4						-	
3	2016	AF		16	-	16																	-	-	-	-	-	-	-	16	
3	2017	AF		13	-	13																								13	
3	2018	AF		8	-	8																								8	
3	2019	AF		5	-	5																								5	
-- BITI - Moderization AD Installation																															
Prior Years Deliveries: 1																															
4	2013	AF		4	-	4	1	-	-	-	-	3											-								
5	2014	AF		4	-	4	-	-	-	-	-	-	-	-	4											-					
6	2015	AF		4	-	4									-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	
6	2016	AF		16	-	16																						-	-	-	16
6	2017	AF		13	-	13																									13
6	2018	AF		8	-	8																									8
6	2019	AF		5	-	5																									5
-- BITI - Modernization Reserve Site Survey																															
7	2017	AF		1	-	1																									1
7	2018	AF		2	-	2																									2
-- BITI - Modernization Reserve Installation																															
8	2017	AF		1	-	1																									1
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Production Schedule: PB 2015 Air Force																			Date: March 2014															
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5										P-1 Line Item Number / Title: 835060 / Information Transport Systems										Item Number / Title [DODIC]: - / Modernization Prime Contract														
Cost Elements (Units in Each)						Fiscal Year 2017												Fiscal Year 2018																
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 6	BAL D U E A S O F 1 O C T	Calendar Year 2017												Calendar Year 2018												B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
-- BITI - Modernization AD Site Survey																																		
	1	2013	AF		1	-																										-		
	2	2014	AF		2	-																										-		
	3	2015	AF		4	-																										-		
	3	2016	AF		16	-	16	-	-	-	-	-	4	4	-	4	-	4													-			
	3	2017	AF		13	-	13						-	-	-	-	-	-	-	-	-	-	4	4	4	1					-			
	3	2018	AF		8	-	8																-	-	-	-	-	-	-	8				
	3	2019	AF		5	-	5																							5				
-- BITI - Moderization AD Installation																																		
Prior Years Deliveries: 1																																		
	4	2013	AF		4	4	-																										-	
	5	2014	AF		4	4	-																										-	
	6	2015	AF		4	4	-																										-	
	6	2016	AF		16	-	16	-	-	-	-	-	-	-	-	-	4	4	4	4													-	
	6	2017	AF		13	-	13									-	-	-	-	-	-	-	-	-	-	-	-	4	4	5	-			
	6	2018	AF		8	-	8																					-	-	-	8			
	6	2019	AF		5	-	5																								5			
-- BITI - Modernization Reserve Site Survey																																		
	7	2017	AF		1	-	1				-	-	-	-	-	-	-	-	-	-	-	1												-
	7	2018	AF		2	-	2															-	-	-	-	-	-	-	-	-	2			
-- BITI - Modernization Reserve Installation																																		
	8	2017	AF		1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1													-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Production Schedule: PB 2015 Air Force																		Date: March 2014															
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5										P-1 Line Item Number / Title: 835060 / Information Transport Systems										Item Number / Title [DODIC]: - / Modernization Prime Contract													
Cost Elements (Units in Each)						Fiscal Year 2019												Fiscal Year 2020															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 8	BAL DUE AS OF 1 OCT	Calendar Year 2019												Calendar Year 2020												B A L		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
-- BITI - Modernization AD Site Survey																																	
	1	2013	AF		1	-																											-
	2	2014	AF		2	-																											-
	3	2015	AF		4	-																											-
	3	2016	AF		16	-																											-
	3	2017	AF		13	-																											-
	3	2018	AF		8	-	8	-	-	-	-	-	3	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	2019	AF		5	-	5						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5		-	
-- BITI - Moderization AD Installation																																	
Prior Years Deliveries: 1																																	
	4	2013	AF		4	-																											-
	5	2014	AF		4	-																											-
	6	2015	AF		4	-																											-
	6	2016	AF		16	-																											-
	6	2017	AF		13	-																											-
	6	2018	AF		8	-	8	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	
	6	2019	AF		5	-	5								-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	2		-
-- BITI - Modernization Reserve Site Survey																																	
	7	2017	AF		1	-																											-
	7	2018	AF		2	-	2	-	-		1	1																					-
-- BITI - Modernization Reserve Installation																																	
	8	2017	AF		1	-																											-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Production Schedule: PB 2015 Air Force								Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835060 / Information Transport Systems				Item Number / Title [DODIC]: - / Modernization Prime Contract			

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	NETCENTS - Multiple	-	-	-	-	-	-	-	-	-	-	-
2	VARIOUS - Multiple	-	-	-	-	-	-	-	-	-	-	-
3	NETCENTS II - Multiple	-	-	-	-	-	-	-	-	-	-	-
4	NETCENTS - Multiple	-	-	-	-	-	-	-	-	-	-	-
5	VARIOUS - Multiple	-	-	-	-	-	-	-	-	-	-	-
6	NETCENTS II - Multiple	-	-	-	-	-	-	-	-	-	-	-
7	NETCENTS II - Multiple	-	-	-	-	-	-	-	-	-	-	-
8	NETCENTS II - Multiple	-	-	-	-	-	-	-	-	-	-	-

Remarks:

Project schedules vary in each project because the level of effort required depends upon the size of the base (i.e. the number of users on the network and the number of buildings included in the project).

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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Exhibit P-5, Cost Analysis: PB 2015 Air Force										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835060 / Information Transport Systems						Item Number / Title [DODIC]: - / BITI Direct Mission Support Costs									
Resource Summary		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total						
Procurement Quantity (<i>Units in Each</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Cost (<i>\$ in Millions</i>)		0.680	8.602	4.190	4.587	-	4.587	4.675	4.762	4.855	4.947	-	37.298						
Less PY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (<i>\$ in Millions</i>)		0.680	8.602	4.190	4.587	-	4.587	4.675	4.762	4.855	4.947	-	37.298						
Plus CY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (<i>\$ in Millions</i>)		0.680	8.602	4.190	4.587	-	4.587	4.675	4.762	4.855	4.947	-	37.298						
(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>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Support - Support Cost Element Category Cost																			
- BITI Direct Mission Support (DMS)		-	-	0.680	-	-	8.602	-	-	4.190	-	-	4.587	-	-	-	-	-	4.587
Subtotal: Support - Support Cost Element Category Cost		-	-	0.680	-	-	8.602	-	-	4.190	-	-	4.587	-	-	-	-	-	4.587
Gross/Weapon System Cost		-	-	0.680	-	-	8.602	-	-	4.190	-	-	4.587	-	-	-	-	-	4.587
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Support - Support Cost Element Category Cost																			
- BITI Direct Mission Support (DMS)		-	-	4.675	-	-	4.762	-	-	4.855	-	-	4.947	-	-	-	-	-	37.298
Subtotal: Support - Support Cost Element Category Cost		-	-	4.675	-	-	4.762	-	-	4.855	-	-	4.947	-	-	-	-	-	37.298
Gross/Weapon System Cost		-	-	4.675	-	-	4.762	-	-	4.855	-	-	4.947	-	-	-	-	-	37.298
Remarks: Unit cost has significant variability due to size and complexity of bases/projects. A quantity is defined as a base location's site survey or install and is projected based on mission requirements and funding availability.																			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5	P-1 Line Item Number / Title: 835060 / Information Transport Systems	Item Number / Title [DODIC]: - / BITI Direct Mission Support Costs

Manpower (consisting of DMS & PMA) is a combined Operations & Support and Acquisition cost.

PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA BITI program supports the operation of the program office in its management and oversight role. PMA supports the BITI and the Base Information Infrastructure (BII) Program with engineering and technical support, as well as, support activities for the program.

DIRECT MISSION SUPPORT (DMS): DMS for BITI includes all support associated with equipment installation, engineering, technical orders, sustainment engineering, and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products.

Funding for Turnkey projects ends in 2016, all other funding line items continue through 2027. 2017 and beyond are solely modernizations.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.602	4.190	4.587	-	4.587	4.675	4.762	4.855	4.947
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.602	4.190	4.587	-	4.587	4.675	4.762	4.855	4.947

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Exhibit P-5, Cost Analysis: PB 2015 Air Force								Date: March 2014											
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835060 / Information Transport Systems						Item Number / Title [DODIC]: - / BITI Program Management Administration Contractor Services									
Resource Summary		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total						
Procurement Quantity (<i>Units in Each</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Cost (<i>\$ in Millions</i>)		7.702	1.983	4.422	10.472	-	10.472	9.634	9.159	8.101	8.238	-	59.711						
Less PY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (<i>\$ in Millions</i>)		7.702	1.983	4.422	10.472	-	10.472	9.634	9.159	8.101	8.238	-	59.711						
Plus CY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (<i>\$ in Millions</i>)		7.702	1.983	4.422	10.472	-	10.472	9.634	9.159	8.101	8.238	-	59.711						
(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>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
- BITI Program Management Administration Contractor Services	A	-	-	7.404	-	-	0.942	-	-	2.736	-	-	4.573	-	-	-	-	-	4.573
- BITI Other PMA Government Costs	A	-	-	0.298	-	-	1.041	-	-	1.686	-	-	5.899	-	-	-	-	-	5.899
Subtotal: Recurring Cost		-	-	7.702	-	-	1.983	-	-	4.422	-	-	10.472	-	-	-	-	-	10.472
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	7.702	-	-	1.983	-	-	4.422	-	-	10.472	-	-	-	-	-	10.472
Gross/Weapon System Cost		-	-	7.702	-	-	1.983	-	-	4.422	-	-	10.472	-	-	-	-	-	10.472
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
- BITI Program Management	A	-	-	4.660	-	-	4.748	-	-	4.839	-	-	4.930	-	-	-	-	-	34.832

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Exhibit P-5, Cost Analysis: PB 2015 Air Force										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5					P-1 Line Item Number / Title: 835060 / Information Transport Systems					Item Number / Title [DODIC]: - / BITI Program Management Administration Contractor Services									

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Administration Contractor Services																			
- BITI Other PMA Government Costs	A	-	-	4.974	-	-	4.411	-	-	3.262	-	-	3.308	-	-	-	-	-	24.879
<i>Subtotal: Recurring Cost</i>		-	-	9.634	-	-	9.159	-	-	8.101	-	-	8.238	-	-	-	-	-	59.711
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	9.634	-	-	9.159	-	-	8.101	-	-	8.238	-	-	-	-	-	59.711
Gross/Weapon System Cost		-	-	9.634	-	-	9.159	-	-	8.101	-	-	8.238	-	-	-	-	-	59.711

Remarks:

Unit cost has significant variability due to size and complexity of bases/projects. A quantity is defined as a base location's site survey or install and is projected based on mission requirements and funding availability.

Manpower (consisting of DMS & PMA) is a combined Operations & Support and Acquisition cost.

PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA BITI program supports the operation of the program office in its management and oversight role. PMA supports the BITI and the Base Information Infrastructure (BII) Program with engineering and technical support, as well as, support activities for the program.

DIRECT MISSION SUPPORT (DMS): DMS for BITI includes all support associated with equipment installation, engineering, technical orders, sustainment engineering, and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products.

Funding for Turnkey projects ends in 2016, all other funding line items continue through 2027. 2017 and beyond are solely modernizations.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.983	4.422	10.472	-	10.472	9.634	9.159	8.101	8.238
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.983	4.422	10.472	-	10.472	9.634	9.159	8.101	8.238

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications						P-1 Line Item Number / Title: 835080 / AFNET						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	125.622	81.533	122.228	-	122.228	136.793	174.733	177.463	161.221	-	979.593
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	125.622	81.533	122.228	-	122.228	136.793	174.733	177.463	161.221	-	979.593
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	125.622	81.533	122.228	-	122.228	136.793	174.733	177.463	161.221	-	979.593
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: The funding for 835060 Information Transportation Infrastructure, \$31.300M was inadvertently loaded into P-1 Line Item #39, 835080 AFNET. If appropriated, the Air Force plans to execute the \$31.300M in Line Item #38, 835060. Line #2, 835060 BITI Turnkey Projects - AD Installation, would execute \$73.858M instead of \$42.558M. On 24 March 2013, USAF Chief of Staff approved the designation of six cyberspace/mission system constructs as Weapon Systems: 1. Air Force Cyberspace Defense (ACD), 2. Cyberspace Defense Analysis (CDA), 3. Cyberspace Vulnerability Assessment/Hunter (CVA), 4. Cyber Command and Control Mission Systems (C3MS), 5. Air Force Intranet Control (AFINC), and 6. Cyber Security and Control System (CSCS). AFNet is included in this construct; however, designation to a specific Weapons System(s) is not yet formalized. Air Force Network Systems (AFNet Systems): AFNet System includes NIPRNet and SIPRNet programs and projects that establish, upgrade and modify the Air Force intranet, deliver and update network management systems, and implement elements of the Air Force Network Operations (AFNetOps) transformation initiative. AFNet Systems provide for active defense, Persistent Network Operations (PNO), Net Extension and Resiliency and Data Confidentiality and Integrity across the AF Information Network (AFIN). AFNetOps includes the transformation of Network Management and Network Defense and Integrated Network Operations and Security Center (I-NOSC) capabilities. AFNet Systems provide Commercial Off-The-Shelf (COTS) solutions to implement, deliver and upgrade base, AF Gateways, enterprise network security, network situational awareness and C2 capabilities, and allow for the interface with and assured movement of information from terrestrial, air and space-based networks, thus enabling AFNetOps. AFNet Systems assure enterprise Information Technology (IT) asset management, integrity of information systems in the face of cyber-attack and defense against cyber-attacks on critical defense-related infrastructure. All funds used for AFNet Systems support the continued establishment and transformation of the AFNetOps construct toward the DoD Joint Information Environment (JIE). The procurement efforts in this program budget line include, but are not limited to, equipment purchase, certification and accreditation, integration, deployment, associated training and interim contractor support. AFNet Systems fundamentally change the Air Force Network through related, but not necessarily dependent activities. Procurements implement new technology and advanced capabilities within the AFNet in accordance with the DoD IT Roadmap, AF Cyber blueprint and the AF Network Action Plan. All activities may incorporate support to other program elements across the Air Force Information Enterprise in accordance with SAF/A6-CIO direction, the Federal Data Center Consolidation Initiative (FDCCI) and the Joint Information Environment (JIE) strategy.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications										P-1 Line Item Number / Title: 835080 / AFNET									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:							Other Related Program Elements:							
AFNet Systems programs and projects include, but are not limited to: (1) AFNet Enclave Control Nodes (ECN): The existing Non-Secure Internet Protocol Router Network (NIPRNet) base security boundaries will comply with current DoD guidance and the Air Force Concept of Operations. ECN modification and capital equipment replacement of the entire base-level cyber security boundary includes, but is not limited to, the following capabilities: next generation firewall (NGFW), full packet capture (FPC), integrated management of the NIPRNet base-level cyber security boundary, Enterprise Logging Management, Network Leak Detection and Malware Analysis capabilities. ECN will provide enhanced network security, event capture, traffic/data forensics, and data flow analysis. (2) AFNet Host Based Security System (HBSS): AFNet HBSS is a mission critical cyber defense tool that was originated and mandated by the Joint Task Force-Global Network Operations (JTF-GNO now known as USCYBERCOM) Communications Tasking Order (CTO) 07-12. The Enterprise Solutions Steering Group (ESSG) mandated AFNet HBSS with Defense Information Systems Agency (DISA) as the lead. The CTO mandates the deployment and continued improvement of the AFNet HBSS, including but not limited to, the following capabilities: Host-based Intrusion Prevention System/Host-based Intrusion Detection System (HIPS/HIDS), Assets Module, Rogue System Detection, Policy Auditor, Antivirus, Spyware Module, Network Access Control and Device Control. AFNet HBSS is based on Commercial Off- The-Shelf (COTS) hardware and software. AFNet HBSS provides host based Information Assurance security policy protection, and reporting to every Air Force enterprise client. The components for the system include both hardware, software, and integration for modification efforts. (3) AFNet Infrastructure: AFNet Infrastructure procures timely, capital replacement of system and sub-system hardware and software to respond to obsolescence issues and evolving cyber threats. Requirements are comprised of components of an interoperating system across the entire AFNet whose certification and accreditation maintains approved operational safety, suitability and effectiveness criteria. Projects within AFNet Infrastructure include, but are not limited to: (a) AFNet NIPR Gateways (MAC-1 system) and SIPR Gateways, which deliver critical network defense capabilities for the AF enterprise with over 800k users directly supporting flying, maintenance, space and cyber operations across the full range of military operations. GWs prevent and detect unauthorized network infiltration attempts, automatically initiating network defense countermeasures eliminating adversaries' ability to gain access to the enterprise which would diminish the AF's information defense posture. GWs directly support cyber operations worldwide enabling war-fighting missions. Funding enables capital equipment replacement and integration for the system and its sub-components to respond to growing mission requirements and evolving cyber threats. (b) AFNet Vulnerability Management (AFVM): AFVM deploys tools in the AFNet to reduce vulnerabilities on the enterprise network to include Defense Information System Agency (DISA) mandated tools. AFVM provides the AF a set of standardized cyber defense tools and processes for enterprise-wide vulnerability scanning, remediation, quarantine, reporting, network access control, and information sharing. AFVM formerly was under it's own program system code; it is now funded via the AFNet Infrastructure program system code. (c) Data Center Consolidation/ADX Infrastructure Management: Supports JIE and Data Center Consolidation Initiative (FDCCI) mandates to reduce floor space and energy footprint while increasing joint use. Also, standardizes disparate base-level and Network Control Center assets, Regional Processing/Data Center (RPC/RDC) and Area Processing Centers (APC) into Installation Processing Nodes (IPN) and Special Purpose Processing Nodes (SPPN). This activity also includes migratio of applications, services and associated capabilities into IPNs, SPPNs or Core Data Centers managed by Defense Information Services Agency (DISA). This project provides a standard architecture while mitigating obsolescence, simplifying and automating IT activities, reducing manpower requirements, IT footprint, and energy costs. Funding for this exhibit contained in PE 0303112F.																			

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - AFNet SIPR Modernization	P-5		-	-	-	-	-	4.128	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications	P-1 Line Item Number / Title: 835080 / AFNET

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - AFNet Enclave Control Nodes	P-5		-	-	0.000	-	-	31.408	-	-	3.002	-	-	3.937	-	-	-	-	-	3.937
Item - AFNet Host Based Security System	P-5		-	-	0.000	-	-	12.133	-	-	11.480	-	-	12.783	-	-	-	-	-	12.783
Item - AFNet Vulnerability Management	P-5		-	-	0.000	-	-	6.551	-	-	3.979	-	-	-	-	-	-	-	-	-
Item - AFNet Infrastructure	P-5		-	-	-	-	-	71.402	-	-	63.072	-	-	105.508	-	-	-	-	-	105.508
Total Gross/Weapon System Cost			-	-	-	-	-	125.622	-	-	81.533	-	-	122.228	-	-	-	-	-	122.228

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - AFNet SIPR Modernization	P-5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.128
Item - AFNet Enclave Control Nodes	P-5		-	-	3.067	-	-	3.123	-	-	19.806	-	-	30.271	-	-	-	-	-	94.614
Item - AFNet Host Based Security System	P-5		-	-	13.163	-	-	13.506	-	-	13.779	-	-	14.027	-	-	-	-	-	90.871
Item - AFNet Vulnerability Management	P-5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.530
Item - AFNet Infrastructure	P-5		-	-	120.563	-	-	158.104	-	-	143.878	-	-	116.923	-	-	-	-	-	779.450
Total Gross/Weapon System Cost			-	-	136.793	-	-	174.733	-	-	177.463	-	-	161.221	-	-	-	-	-	979.593

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:
Reduction in FY15 funding from previously reported levels is a result of reduction for higher Air Force priorities. FY15 funding provides for, but is not limited to, procurement & modification of the installed and supported critical classified and unclassified information equipment capabilities for the Air Force Network (AFNet) Systems. Funding limitations will guide modification efforts, which may include AFNet Enclave Control Nodes (ECN), which provides modification and capital equipment replacement of the entire Air Force base-level cyber security boundary, AFNet Host Based Security System, which provides the mandated, continued improvement necessary to sustain the system, and AFNet Infrastructure, which provides critical modifications that may include AFNet Gateway, AFNet Vulnerability Management (AFVM), and Data Server Consolidation/ADX Infrastructure.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force											Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835080 / AFNET							Item Number / Title [DODIC]: - / AFNet SIPR Modernization								
Resource Summary		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total						
Procurement Quantity <i>(Units in Each)</i>		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Cost <i>(\$ in Millions)</i>		-	4.128	-	-	-	-	-	-	-	-	-	4.128						
Less PY Advance Procurement <i>(\$ in Millions)</i>		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) <i>(\$ in Millions)</i>		-	4.128	-	-	-	-	-	-	-	-	-	4.128						
Plus CY Advance Procurement <i>(\$ in Millions)</i>		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority <i>(\$ in Millions)</i>		-	4.128	-	-	-	-	-	-	-	-	-	4.128						
(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>(\$ in Millions)</i>		-	-	-	-	-	-	-	-	-	-	-	-						
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet SIPR Modernization - Prime Contract	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			
AFNet SIPR Modernization - Direct Mission Support		-	-	-	-	-	2.083	-	-	-	-	-	-	-	-	-	-	-	-
AFNet SIPR Modernization - PMA - Contractor Services		-	-	-	-	-	1.414	-	-	-	-	-	-	-	-	-	-	-	-
AFNet SIPR Modernization - PMA - Other Government Costs		-	-	-	-	-	0.631	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	4.128	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	-	-	-	4.128	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5							P-1 Line Item Number / Title: 835080 / AFNET							Item Number / Title [DODIC]: - / AFNet SIPR Modernization					
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet SIPR Modernization - Prime Contract	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			
AFNet SIPR Modernization - Direct Mission Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.083
AFNet SIPR Modernization - PMA - Contractor Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.414
AFNet SIPR Modernization - PMA - Other Government Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.631
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.128
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.128
Remarks: AFNet Infrastructure QTYs are based on the total AFNet System requirement. Average cost has significant variability due to size and complexity of bases/projects. PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA supports the operation of the program office in its management and oversight role. PMA supports the AFNet with engineering and technical support, as well as, support activities for the program. DIRECT MISSION SUPPORT (DMS): DMS includes all support associated with equipment installation, engineering, technical orders, sustainment engineering and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products. Average cost has significant variability due to size and complexity of bases/projects.																			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835080 / AFNET						Item Number / Title [DODIC]: - / AFNet Enclave Control Nodes									
Resource Summary		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total						
Procurement Quantity (<i>Units in Each</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Cost (<i>\$ in Millions</i>)		0.000	31.408	3.002	3.937	-	3.937	3.067	3.123	19.806	30.271	-	94.614						
Less PY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (<i>\$ in Millions</i>)		0.000	31.408	3.002	3.937	-	3.937	3.067	3.123	19.806	30.271	-	94.614						
Plus CY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (<i>\$ in Millions</i>)		0.000	31.408	3.002	3.937	-	3.937	3.067	3.123	19.806	30.271	-	94.614						
(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>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet Enclave Control Nodes - Prime Contract	A	0.000	1	0.000	26.619	1	26.619	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.000	-	-	26.619	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	0.000	-	-	26.619	-	-	-	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			
AFNet Enclave Control Nodes - Direct Mission Support		-	-	0.000	-	-	1.374	-	-	1.345	-	-	1.393	-	-	-	-	-	1.393
AFNet Enclave Control Nodes - PMA - Contractor Services		-	-	0.000	-	-	2.658	-	-	1.605	-	-	1.697	-	-	-	-	-	1.697
AFNet Enclave Control Nodes - PMA - Other Government Costs		-	-	0.000	-	-	0.757	-	-	0.052	-	-	0.847	-	-	-	-	-	0.847
Subtotal: Support - Support Cost Element Category Cost		-	-	0.000	-	-	4.789	-	-	3.002	-	-	3.937	-	-	-	-	-	3.937
Gross/Weapon System Cost		-	-	0.000	-	-	31.408	-	-	3.002	-	-	3.937	-	-	-	-	-	3.937

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5								P-1 Line Item Number / Title: 835080 / AFNET						Item Number / Title [DODIC]: - / AFNet Enclave Control Nodes					
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet Enclave Control Nodes - Prime Contract	A	-	-	-	-	-	-	14.420	1	14.420	24.831	1	24.831	-	-	-	16.468	4	65.870
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	14.420	-	-	24.831	-	-	-	-	-	65.870
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	-	-	-	-	-	-	14.420	-	-	24.831	-	-	-	-	-	65.870
Support - Support Cost Element Category Cost																			
AFNet Enclave Control Nodes - Direct Mission Support		-	-	0.718	-	-	0.732	-	-	2.977	-	-	0.963	-	-	-	-	-	9.502
AFNet Enclave Control Nodes - PMA - Contractor Services		-	-	1.478	-	-	1.493	-	-	1.105	-	-	2.054	-	-	-	-	-	12.090
AFNet Enclave Control Nodes - PMA - Other Government Costs		-	-	0.871	-	-	0.898	-	-	1.304	-	-	2.423	-	-	-	-	-	7.152
Subtotal: Support - Support Cost Element Category Cost		-	-	3.067	-	-	3.123	-	-	5.386	-	-	5.440	-	-	-	-	-	28.744
Gross/Weapon System Cost		-	-	3.067	-	-	3.123	-	-	19.806	-	-	30.271	-	-	-	-	-	94.614
Remarks: AFNet Infrastructure QTYs are based on the total AFNet System requirement. Average cost has significant variability due to size and complexity of bases/projects. PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA supports the operation of the program office in its management and oversight role. PMA supports the AFNet with engineering and technical support, as well as, support activities for the program. DIRECT MISSION SUPPORT (DMS): DMS includes all support associated with equipment installation, engineering, technical orders, sustainment engineering and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products. Average cost has significant variability due to size and complexity of bases/projects.																			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835080 / AFNET						Item Number / Title [DODIC]: - / AFNet Host Based Security System									
Resource Summary		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total						
Procurement Quantity (<i>Units in Each</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Cost (<i>\$ in Millions</i>)		0.000	12.133	11.480	12.783	-	12.783	13.163	13.506	13.779	14.027	-	90.871						
Less PY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (<i>\$ in Millions</i>)		0.000	12.133	11.480	12.783	-	12.783	13.163	13.506	13.779	14.027	-	90.871						
Plus CY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (<i>\$ in Millions</i>)		0.000	12.133	11.480	12.783	-	12.783	13.163	13.506	13.779	14.027	-	90.871						
(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>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet Host Based Security System - Prime Contract	A	-	-	0.000	8.453	1	8.453	8.579	1	8.579	8.859	1	8.859	-	-	-	8.859	1	8.859
Subtotal: Recurring Cost		-	-	0.000	-	-	8.453	-	-	8.579	-	-	8.859	-	-	-	-	-	8.859
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	0.000	-	-	8.453	-	-	8.579	-	-	8.859	-	-	-	-	-	8.859
Support - Support Cost Element Category Cost																			
AFNet Host Based Security System - Direct Mission Support		-	-	-	-	-	2.428	-	-	0.805	-	-	2.021	-	-	-	-	-	2.021
AFNet Host Based Security System - PMA - Contractor Services		-	-	-	-	-	1.249	-	-	2.031	-	-	1.102	-	-	-	-	-	1.102
AFNet Host Based Security System - PMA - Other Government Costs		-	-	-	-	-	0.003	-	-	0.065	-	-	0.801	-	-	-	-	-	0.801
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	3.680	-	-	2.901	-	-	3.924	-	-	-	-	-	3.924
Gross/Weapon System Cost		-	-	0.000	-	-	12.133	-	-	11.480	-	-	12.783	-	-	-	-	-	12.783

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5							P-1 Line Item Number / Title: 835080 / AFNET							Item Number / Title [DODIC]: - / AFNet Host Based Security System					
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet Host Based Security System - Prime Contract	A	9.183	1	9.183	9.446	1	9.446	9.573	1	9.573	9.800	1	9.800	-	-	-	9.128	7	63.893
Subtotal: Recurring Cost		-	-	9.183	-	-	9.446	-	-	9.573	-	-	9.800	-	-	-	-	-	63.893
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	9.183	-	-	9.446	-	-	9.573	-	-	9.800	-	-	-	-	-	63.893
Support - Support Cost Element Category Cost																			
AFNet Host Based Security System - Direct Mission Support		-	-	2.060	-	-	2.099	-	-	2.139	-	-	2.179	-	-	-	-	-	13.731
AFNet Host Based Security System - PMA - Contractor Services		-	-	1.123	-	-	1.144	-	-	1.166	-	-	1.188	-	-	-	-	-	9.003
AFNet Host Based Security System - PMA - Other Government Costs		-	-	0.797	-	-	0.817	-	-	0.901	-	-	0.860	-	-	-	-	-	4.244
Subtotal: Support - Support Cost Element Category Cost		-	-	3.980	-	-	4.060	-	-	4.206	-	-	4.227	-	-	-	-	-	26.978
Gross/Weapon System Cost		-	-	13.163	-	-	13.506	-	-	13.779	-	-	14.027	-	-	-	-	-	90.871
Remarks: AFNet Infrastructure QTYs are based on the total AFNet System requirement. Average cost has significant variability due to size and complexity of bases/projects. PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA supports the operation of the program office in its management and oversight role. PMA supports the AFNet with engineering and technical support, as well as, support activities for the program. DIRECT MISSION SUPPORT (DMS): DMS includes all support associated with equipment installation, engineering, technical orders, sustainment engineering and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products. Average cost has significant variability due to size and complexity of bases/projects.																			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5				P-1 Line Item Number / Title: 835080 / AFNET						Item Number / Title [DODIC]: - / AFNet Vulnerability Management									
Resource Summary		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total						
Procurement Quantity (<i>Units in Each</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Gross/Weapon System Cost (<i>\$ in Millions</i>)		0.000	6.551	3.979	-	-	-	-	-	-	-	-	10.530						
Less PY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Net Procurement (P1) (<i>\$ in Millions</i>)		0.000	6.551	3.979	-	-	-	-	-	-	-	-	10.530						
Plus CY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
Total Obligation Authority (<i>\$ in Millions</i>)		0.000	6.551	3.979	-	-	-	-	-	-	-	-	10.530						
(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>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-						
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet Vulnerability Management - Prime Contract	A	-	-	-	4.106	1	4.106	1.186	1	1.186	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.000	-	-	4.106	-	-	1.186	-	-	-	-	-	-	-	-	-
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	0.000	-	-	4.106	-	-	1.186	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			
AFNet Vulnerability Management - Direct Mission Support		-	-	-	-	-	1.116	-	-	1.670	-	-	-	-	-	-	-	-	-
AFNet Vulnerability Management - PMA - Contractor Services		-	-	-	-	-	1.324	-	-	1.065	-	-	-	-	-	-	-	-	-
AFNet Vulnerability Management - PMA - Other Government Costs		-	-	-	-	-	0.005	-	-	0.058	-	-	-	-	-	-	-	-	-
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	2.445	-	-	2.793	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	0.000	-	-	6.551	-	-	3.979	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5							P-1 Line Item Number / Title: 835080 / AFNET							Item Number / Title [DODIC]: - / AFNet Vulnerability Management					
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet Vulnerability Management - Prime Contract	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.646	2	5.292
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.292
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.292
Support - Support Cost Element Category Cost																			
AFNet Vulnerability Management - Direct Mission Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.786
AFNet Vulnerability Management - PMA - Contractor Services		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.389
AFNet Vulnerability Management - PMA - Other Government Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.063
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.238
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.530
Remarks: AFNet Infrastructure QTYs are based on the total AFNet System requirement. Average cost has significant variability due to size and complexity of bases/projects. PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA supports the operation of the program office in its management and oversight role. PMA supports the AFNet with engineering and technical support, as well as, support activities for the program. DIRECT MISSION SUPPORT (DMS): DMS includes all support associated with equipment installation, engineering, technical orders, sustainment engineering and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products. Average cost has significant variability due to size and complexity of bases/projects.																			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5					P-1 Line Item Number / Title: 835080 / AFNET					Item Number / Title [DODIC]: - / AFNet Infrastructure		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	71.402	63.072	105.508	-	105.508	120.563	158.104	143.878	116.923	-	779.450
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	71.402	63.072	105.508	-	105.508	120.563	158.104	143.878	116.923	-	779.450
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	71.402	63.072	105.508	-	105.508	120.563	158.104	143.878	116.923	-	779.450

(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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet NIPRNet Gateway - Prime Contract	A	-	-	-	-	-	26.199	18.382	1	18.382	26.994	1	26.994	-	-	-	26.994	1	26.994
AFNet Infrastructure - Prime Contract	A	-	-	-	21.398	1	21.398	30.009	1	30.009	28.855	1	28.855	-	-	-	28.855	1	28.855
Subtotal: Recurring Cost		-	-	-	-	-	47.597	-	-	48.391	-	-	55.849	-	-	-	-	-	55.849
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	-	-	-	47.597	-	-	48.391	-	-	55.849	-	-	-	-	-	55.849

Support - Support Cost Element Category Cost																			
AFNet Vulnerability Management - Interim Contractor Support - Labor		-	-	-	-	-	-	-	-	-	-	-	1.658	-	-	-	-	-	1.658
AFNet Infrastructure - Direct Mission Support		-	-	-	-	-	17.593	-	-	8.497	-	-	8.829	-	-	-	-	-	8.829
AFNet Infrastructure - PMA - Contractor Services		-	-	-	-	-	6.202	-	-	5.895	-	-	4.407	-	-	-	-	-	4.407
AFNet Infrastructure - PMA - Other Government Costs		-	-	-	-	-	0.010	-	-	0.289	-	-	3.465	-	-	-	-	-	3.465
835060 Information Transportation Infrastructure ⁽¹⁾		-	-	-	-	-	-	-	-	-	-	-	31.300	-	-	-	-	-	31.300

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5							P-1 Line Item Number / Title: 835080 / AFNET							Item Number / Title [DODIC]: - / AFNet Infrastructure					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	23.805	-	-	14.681	-	-	49.659	-	-	-	-	-	49.659
Gross/Weapon System Cost		-	-	-	-	-	71.402	-	-	63.072	-	-	105.508	-	-	-	-	-	105.508
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Package Fielding - PackageFielding Cost Element Category Cost																			
Recurring Cost																			
AFNet NIPRNet Gateway - Prime Contract	A	27.545	1	27.545	28.107	1	28.107	28.680	1	28.680	28.680	1	28.680	-	-	-	30.765	6	184.587
AFNet Infrastructure - Prime Contract	A	75.386	1	75.386	112.837	1	112.837	93.942	1	93.942	69.072	1	69.072	-	-	-	61.643	7	431.499
Subtotal: Recurring Cost		-	-	102.931	-	-	140.944	-	-	122.622	-	-	97.752	-	-	-	-	-	616.086
Subtotal: Package Fielding - PackageFielding Cost Element Category Cost		-	-	102.931	-	-	140.944	-	-	122.622	-	-	97.752	-	-	-	-	-	616.086
Support - Support Cost Element Category Cost																			
AFNet Vulnerability Management - Interim Contractor Support - Labor		-	-	-	-	-	-	-	-	2.669	-	-	1.780	-	-	-	-	-	6.107
AFNet Infrastructure - Direct Mission Support		-	-	9.795	-	-	9.228	-	-	9.375	-	-	9.391	-	-	-	-	-	72.708
AFNet Infrastructure - PMA - Contractor Services		-	-	4.370	-	-	4.508	-	-	4.617	-	-	4.649	-	-	-	-	-	34.648
AFNet Infrastructure - PMA - Other Government Costs		-	-	3.467	-	-	3.424	-	-	4.595	-	-	3.351	-	-	-	-	-	18.601
835060 Information Transportation Infrastructure		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.300
Subtotal: Support - Support Cost Element Category Cost		-	-	17.632	-	-	17.160	-	-	21.256	-	-	19.171	-	-	-	-	-	163.364
Gross/Weapon System Cost		-	-	120.563	-	-	158.104	-	-	143.878	-	-	116.923	-	-	-	-	-	779.450
Remarks:																			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5	P-1 Line Item Number / Title: 835080 / AFNET	Item Number / Title [DODIC]: - / AFNet Infrastructure
AFNet Infrastructure QTYs are based on the total AFNet System requirement. Average cost has significant variability due to size and complexity of bases/projects. PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA supports the operation of the program office in its management and oversight role. PMA supports the AFNet with engineering and technical support, as well as, support activities for the program. DIRECT MISSION SUPPORT (DMS): DMS includes all support associated with equipment installation, engineering, technical orders, sustainment engineering and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products. Average cost has significant variability due to size and complexity of bases/projects. Footnotes: ⁽¹⁾ The funding for 835060 Information Transportation Infrastructure, \$31.300M was inadvertently loaded into P-1 Line Item #39, 835080 AFNET. If appropriated, the Air Force plans to execute the \$31.300M in Line Item #38, 835060. Line #2, 835060 BITI Turnkey Projects - AD Installation, would execute \$73.858M instead of \$42.558M.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014										
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications							P-1 Line Item Number / Title: 835090 / Voice Systems													
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:												
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total								
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost <i>(\$ in Millions)</i>	36.718	16.413	1.138	-	-	-	-	-	-	-	-	54.269								
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) <i>(\$ in Millions)</i>	36.718	16.413	1.138	-	-	-	-	-	-	-	-	54.269								
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority <i>(\$ in Millions)</i>	36.718	16.413	1.138	-	-	-	-	-	-	-	-	54.269								
(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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-								
# The FY 2015 OCO Request will be submitted at a later date.																				
Description: PE 0303112F VOICE SYSTEMS																				
Voice Systems upgrades and modernizes the hardware and software that comprises the Air Force's voice infrastructure.																				
VOICE SWITCH SYSTEMS (VSS): VSS replaces end of life capital equipment. VSS provides refresh and upgrade capability to Air Force Voice over Internet Protocol (VoIP) switches and replaces end of life legacy capital equipment to ensure the voice switches are within DISA standards. Voice switches connect the individual bases to the outside world; therefore the impact of a voice switch failure would be complete base voice systems failure and isolation from Defense Switched Network (DSN), Public Service Telephone Network (PSTN), Government Emergency Telephone System (GETS), and Land Mobile Radio (LMR) access. In addition, VSS provides upgrades to the Multi-Function Soft Switch (MFSS) in support of DISA UC for IP-based telephone capabilities. VSS provides system support to critical Air Force telephone capabilities and appliances. This support is required for protecting the voice network from attacks, management, troubleshooting, emergency capabilities, and health/morale support.																				
Defense Red Switch Network (DRSN): The DRSN is a Joint Staff directed network managed by DISA and implemented in the mid 1980s. DRSN ensures secure, reliable voice command and control to the National Command Authority, including nuclear command and control throughout the Department of Defense in addition to secure reliable command and control of joint operations. In 2007, DISA mandated that the Air Force upgrade the DRSN nodes to Digital Small Switch-2A (DSS-2A) switch platforms. This mandate was driven by end-of-life and non-supportability issues for system components.																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Voice Systems	P-5		-	-	36.718	-	-	16.413	-	-	1.138	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications												P-1 Line Item Number / Title: 835090 / Voice Systems									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Total Gross/Weapon System Cost			-	-	36.718	-	-	16.413	-	-	1.138	-	-	-	-	-	-	-	-	-	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0303112F VOICE SYSTEMS VOICE SWITCH SYSTEMS (VSS): No FY15 funding requested. Defense Red Switch Network (DRSN): No FY15 funding requested.																					

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5							P-1 Line Item Number / Title: 835090 / Voice Systems						Item Number / Title [DODIC]: - / Voice Systems									
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					36.718			16.413			1.138			-			-			-		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					36.718			16.413			1.138			-			-			-		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					36.718			16.413			1.138			-			-			-		
(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>(\$ in Millions)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Hardware - Hardware Cost Element Category Cost																						
Recurring Cost																						
DEFENSE RED SWITCH NETWORK (DRSN)	A		9.072	3	27.215	4.003	3	12.010	-	-	-	-	-	-	-	-	-	-	-			
VOICE SWITCH SYSTEMS (VSS)	A		7.588	1	7.588	3.177	1	3.177	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Recurring Cost			-	-	34.803	-	-	15.187	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	34.803	-	-	15.187	-	-	-	-	-	-	-	-	-	-	-			
Support - Support Cost Element Category Cost																						
Voice Switch Systems - Direct Mission Support			-	-	1.459	-	-	1.144	-	-	0.159	-	-	-	-	-	-	-	-			
Voice Switch Systems - PMA Contractor Services			-	-	0.035	-	-	0.020	-	-	0.644	-	-	-	-	-	-	-	-			
Voice Switch Systems - PMA Government Costs			-	-	0.421	-	-	0.062	-	-	0.335	-	-	-	-	-	-	-	-			
Subtotal: Support - Support Cost Element Category Cost			-	-	1.915	-	-	1.226	-	-	1.138	-	-	-	-	-	-	-	-			
Gross/Weapon System Cost			-	-	36.718	-	-	16.413	-	-	1.138	-	-	-	-	-	-	-	-			
Remarks: Unit cost has significant variability due to size and complexity of bases. A quantity is defined as a location and is projected based on mission requirements and funding availability.																						

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5	P-1 Line Item Number / Title: 835090 / Voice Systems	Item Number / Title [DODIC]: - / Voice Systems
PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA for Voice Systems supports the operation of the program office in its management and oversight role, to include engineering and technical support, as well as support activities for the program. DIRECT MISSION SUPPORT (DMS): DMS for Voice Systems includes all support associated with equipment installation, engineering, technical orders, sustainment engineering and implementation. This includes the initial bed down and operability testing, technical interchange meetings, interim contractor support and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications						P-1 Line Item Number / Title: 835140 / USCENTCOM						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	29.990	18.108	16.342	-	16.342	16.684	16.931	17.277	17.616	-	132.948
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	29.990	18.108	16.342	-	16.342	16.684	16.931	17.277	17.616	-	132.948
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	29.990	18.108	16.342	-	16.342	16.684	16.931	17.277	17.616	-	132.948
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date.												
Description: PE 0201122F USCENTCOM COMMUNICATIONS												
USCENTCOM COMMAND AND CONTROL SYSTEMS: Effort will procure equipment life cycle updates for, but not limited to, Command and Control (C2) systems, classified and unclassified voice, data and video dissemination, local area network (LAN) infrastructure (routers, switches, servers, etc.), establishment of the CENTCOM Partner Network (CPN) which provides a new secure network for bilateral / multilateral information sharing up to the SECRET RELEASABLE level. CPN solves a sharing issue with our regional partners and supports the Command's CONPLAN/OPLANs. Joint Staff J3 validated this Multinational Information Sharing (MNIS) Operational System Requirement per CJCSI 6285.01B, in 2010, 2011, and 2012 (Joint Staff J3 #7 MNIS priority). Support increased data storage capacity requirements of Disaster Recovery (DR) site equipment and uninterrupted power supply (UPS) required for the command's collateral classified and unclassified data networks. This equipment provides HQ USCENTCOM with effective C4 systems to effectively conduct current and future operations throughout the AOR.												
The Air Force (AF) is the executive agent for geographically separated from its AOR by over 7,000 miles. HQ USCENTCOM's mission is to work with its national and international partners in promoting development and cooperation among nations, responding to crises, and deterring or defeating state and transnational aggression in order to establish regional security and stability across its entire Area of Responsibility (AOR). Since USCENTCOM's AOR, covering the Middle East, includes the challenges of regional stability and violent extremists, this Combatant Command's mission is critical in regards to the Overseas Contingency Operations (OCO). To meet its mission responsibilities across this geographical expanse, HQ USCENTCOM must rely heavily on Command, Control, Communications, and Computer (C4) systems capable of achieving full spectrum information superiority.												
PE 0201131F AIR COMBAT COMMAND (ACC) COMMUNICATIONS												
Air Forces United States Central Command (AFCENT) is the ACC component designated to support USCENTCOM operations in deployed theaters for the AF. Funds modernize and upgrade C4 systems throughout the area of responsibility (AOR). Procurement efforts include: communications infrastructure requirements, satellite terminal equipment, data network servers and associated information assurance tools, information transfer nodes and routers, joint radio relays, as well as deployed air traffic control and landing systems and navigational aid systems.												
BASE COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS, AND INTELLIGENCE (C4I) INFRASTRUCTURE. This FY15 initiative will support communications asset positioning and life cycle replacements to the CENTCOM Theater Posture Plan (TPP) locations identified for post OEF support.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications										P-1 Line Item Number / Title: 835140 / USCENTCOM									

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
SWA-THEATER ENTERPRISE REQUIREMENTS. To meet Unified Capabilities (UC) requirements as required by DoD mandate, and USCENTCOM FRAGO directing components to transition to an IP-converged architecture by 2016, AFCENT must replace legacy Promina equipment at GSUs.		
JOINT INFORMATION ENVIRONMENT CAPABILITIES. This FY15 initiative will support enduring location migrating to the Joint Regional Security Stacks (JRSS) being installed by DISA IAW DoD CIO mandates.		
PE 0207422F DEPLOYABLE C3 SYSTEMS		
JOINT COMMUNICATIONS SUPPORT EQUIPMENT (JCSE): JCSE, assigned under Joint Enabling Capabilities Command, US Transportation Command, is the only joint Department of Defense (DoD) unit specifically formed to provide C4 systems support for Joint Chiefs of Staff (JCS) contingency operations worldwide. The JCSE mission is to provide, on short notice, those critical communications required to support Joint Task Force support (JTF) and Joint Special Operations Task Force (JSOTF) headquarters. These assets support the warfighter's ability to deploy rapidly and immediately provide the positive command and control required. This support includes contingency and crisis communications for the Joint Chiefs of Staff, Combatant Commands, Services, Defense agencies, non-Defense agencies, and foreign governments. The capital equipment replacement goals include meeting emerging real-world operational requirements with improved capabilities, smaller footprint, reduced operations and maintenance costs, and seamless integration with the global information grid. Per Defense Planning Guidance (DPG), the Air Force is mandated to fund 1/3rd fair share of JCSE's validated Commercial Off The Shelf end of life or Capital equipment replacement.		

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - USCENTCOM COMMAND AND CONTROL SYSTEM	P-40a	A	-	-	-	-	-	3.460	-	-	3.761	-	-	3.823	-	-	-	-	-	3.823
Item - AIR TRAFFIC CONTROL SYSTEMS FOR AFGHANISTAN	P-40a	A	-	-	-	2.005	3	6.015	0.196	3	0.588	-	-	-	-	-	-	-	-	-
Item - DEPLOYABLE Ku- BAND EARTH TERMINAL (DKET) REPLACEMENT	P-40a	A	-	-	-	0.850	6	5.100	0.301	6	1.806	-	-	-	-	-	-	-	-	-
Item - BASE C4I SUPPORT	P-40a	A	-	-	-	-	-	10.640	2.685	2	5.370	0.875	6	5.250	-	-	-	0.875	6	5.250
Item - SWA-THEATER ENTERPRISE REQUIREMENTS	P-40a	A	-	-	-	-	-	-	-	-	-	1.500	2	3.000	-	-	-	1.500	2	3.000
Item - JOINT INFORMATION ENVIRONMENT CAPABILITIES	P-40a	A	-	-	-	-	-	-	-	-	-	0.505	6	3.030	-	-	-	0.505	6	3.030
Item - AFCENT PMA Other Government Costs	P-40a	A	-	-	-	-	-	0.500	-	-	0.250	-	-	0.239	-	-	-	-	-	0.239
Item - AFCENT PMA Contract Service	P-40a	A	-	-	-	-	-	1.000	-	-	1.200	-	-	1.000	-	-	-	-	-	1.000

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 5: Air Force Communications												P-1 Line Item Number / Title: 835140 / USCENTCOM									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) (PE 027422F)	P-40a	A	-	-	-	-	-	3.275	-	-	5.133	-	-	-	-	-	-	-	-	-	
Total Gross/Weapon System Cost			-	-	-	-	-	29.990	-	-	18.108	-	-	16.342	-	-	-	-	-	16.342	
*For Items, Title represents the Item Number / Title [DODIC]. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0201122F USCENTCOM COMMUNICATIONS USCENTCOM COMMAND AND CONTROL SYSTEMS: FY15 funding will procure C4 equipment items required for HQ USCENTCOM, MacDill AFB, FL and CENTCOM Forward HQ at Al Udeid, Qatar, to effectively conduct communications support missions impacting Command and Control (C2) and operational missions conducted by the Commander and staff. The C4/Information Technology (IT) supporting the command must be sustained and upgraded to meet the ever increasing demands of current, ongoing contingency operations, and the growth of data storage requirements. Without OPAF funding, the vital life cycle replacement of communications equipment directly supporting all C2 and C4 operations will be at significant risk and will catastrophically affect the ability of the ongoing contingency operational missions across the AOR. PE 0201131F AIR COMBAT COMMAND (ACC) COMMUNICATIONS BASE COMMAND, CONTROL, COMMUNICATIONS, COMPUTERS, AND INTELLIGENCE (C4I) INFRASTRUCTURE. The FY15 funding is required at several AFCENT locations in the AOR and will provide critical upgrades and new infrastructure to support the transition to the Joint Information Environment, as required by DoD CIO mandate. The supported locations include Al Udeid. SWA-THEATER ENTERPRISE REQUIREMENTS. FY15 funds will procure new systems to support contingency operations and base opening/closure requirements, which average 2 base openings and/or closures per year regardless of new or ongoing contingencies. JOINT INFORMATION ENVIRONMENT CAPABILITIES. The FY15 funds will provide the equipment, engineering, installation and transition 6 enduring locations to the Joint Regional Security Stack, allowing the removal of security stacks and associated personnel, which will lead to an improved security posture and cost savings. The supported locations include Al Udeid AB, Al Dhafra AB, Ali Al Salem AB, Thumrait AB, and a Levant operating location. PE 0207422F DEPLOYABLE C3 SYSTEMS JOINT COMMUNICATIONS SUPPORT EQUIPMENT (JCSE): No FY15 funds requested																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5								P-1 Line Item Number / Title: 835140 / USCENTCOM								Aggregated Items Title: USCENTCOM			

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
USCENTCOM COMMAND AND CONTROL SYSTEM	A		-	-	-	-	-	3.460	-	-	3.761	-	-	3.823	-	-	-	-	-	3.823
Subtotal: Uncategorized			-	-	-	-	-	3.460	-	-	3.761	-	-	3.823	-	-	-	-	-	3.823
Total			-	-	-	-	-	3.460	-	-	3.761	-	-	3.823	-	-	-	-	-	3.823

Remarks:

- a. Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items
- b. Effort consists of multiple projects that combined cost less than \$5 million

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5								P-1 Line Item Number / Title: 835140 / USCENTCOM								Aggregated Items Title: USCENTCOM			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
SUBTOTAL RECURRING HARDWARE COST																				
AIR TRAFFIC CONTROL SYSTEMS FOR AFGHANISTAN	A		-	-	-	2.005	3	6.015	0.196	3	0.588	-	-	-	-	-	-	-	-	-
DEPLOYABLE Ku-BAND EARTH TERMINAL (DKET) REPLACEMENT	A		-	-	-	0.850	6	5.100	0.301	6	1.806	-	-	-	-	-	-	-	-	-
BASE C4I SUPPORT	A		-	-	-	-	-	10.640	2.685	2	5.370	0.875	6	5.250	-	-	-	0.875	6	5.250
SWA-THEATER ENTERPRISE REQUIREMENTS	A		-	-	-	-	-	-	-	-	-	1.500	2	3.000	-	-	-	1.500	2	3.000
JOINT INFORMATION ENVIRONMENT CAPABILITIES	A		-	-	-	-	-	-	-	-	-	0.505	6	3.030	-	-	-	0.505	6	3.030
Subtotal: SUBTOTAL RECURRING HARDWARE COST			-	-	-	-	-	21.755	-	-	7.764	-	-	11.280	-	-	-	-	-	11.280
SUBTOTAL Support																				
AFCENT PMA Other Government Costs	A		-	-	-	-	-	0.500	-	-	0.250	-	-	0.239	-	-	-	-	-	0.239
AFCENT PMA Contract Service	A		-	-	-	-	-	1.000	-	-	1.200	-	-	1.000	-	-	-	-	-	1.000
Subtotal: SUBTOTAL Support			-	-	-	-	-	1.500	-	-	1.450	-	-	1.239	-	-	-	-	-	1.239
Total			-	-	-	-	-	23.255	-	-	9.214	-	-	12.519	-	-	-	-	-	12.519

Remarks:

- a. Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items
- b. End of life or Capital equipment replacement

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 5								P-1 Line Item Number / Title: 835140 / USCENTCOM								Aggregated Items Title: USCENTCOM			

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) (PE 027422F)	A		-	-	-	-	-	3.275	-	-	5.133	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	3.275	-	-	5.133	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	3.275	-	-	5.133	-	-	-	-	-	-	-	-	-

Remarks:

- a. Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items
- b. JCSE PE027422F - Quantity and unit costs represents various communications components that are part of the tactical C4 Architecture which includes major upgrades to large and small aperture mobile satellite systems, Everything over Internet Protocol (EoIP), Airborne/En-Route, and terrestrial and single-channel equipment.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 836700 / Family of Beyond Line-of-Sight Terminals

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	60.230	-	60.230	140.032	131.628	128.257	97.121	-	557.268
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	60.230	-	60.230	140.032	131.628	128.257	97.121	-	557.268
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	60.230	-	60.230	140.032	131.628	128.257	97.121	-	557.268
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

The Family of Advanced Beyond Line-of-Sight Terminals (FAB-T) program replaces legacy Milstar terminals and will provide Extremely High Frequency (EHF), protected high data rate communication for nuclear and conventional forces to include Presidential National Voice Conferencing (PNVC). FAB-T will provide this new, highly secure, state-of-the-art capability for DoD platforms to include strategic and tactical airborne and ground command posts via Milstar, AEHF, and Enhanced Polar System (EPS) satellites. FAB-T terminals will also support the critical command and control (C2) of the Milstar, AEHF, and EPS satellite constellations. In FY15, the Air Force will continue development of the FAB-T terminal.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - Family of Beyond Line-of-Sight Terminals	P-5		-	-	-	-	-	-	-	-	-	-	-	60.230	-	-	-	-	-	60.230
Total Gross/Weapon System Cost			-	-	-	-	-	-	-	-	-	-	-	60.230	-	-	-	-	-	60.230
Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - Family of Beyond Line-of-Sight Terminals	P-5		-	-	140.032	-	-	131.628	-	-	128.257	-	-	97.121	-	-	-	-	-	557.268
Total Gross/Weapon System Cost			-	-	140.032	-	-	131.628	-	-	128.257	-	-	97.121	-	-	-	-	-	557.268

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 836700 / Family of Beyond Line-of-Sight Terminals
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
*For Items, Title represents the Item Number / Title [DODIC].		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: 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. Funding in FY15 will continue program office support and production activities including low rate initial production. Quantities, unit cost, and To Complete estimate are not available due to ongoing source selection activities. Information will be available after the downselect decision scheduled for 2QFY14 and completion of the CAPE Independent Cost Estimate (ICE). Items requested in BY 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.		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836700 / Family of Beyond Line-of-Sight Terminals					Item Number / Title [DODIC]: - / Family of Beyond Line-of-Sight Terminals			

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	60.230	-	60.230	140.032	131.628	128.257	97.121	-	557.268
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	-	60.230	-	60.230	140.032	131.628	128.257	97.121	-	557.268
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	60.230	-	60.230	140.032	131.628	128.257	97.121	-	557.268

(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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
FAB-T Terminals (AD)	A	-	-	-	-	-	-	-	-	-	-	-	55.230	-	-	-	-	-	55.230
System Engineering - FAB-T	A	-	-	-	-	-	-	-	-	-	-	-	1.789	-	-	-	-	-	1.789
Program Management Administration (PMA) - FAB-T	A	-	-	-	-	-	-	-	-	-	-	-	3.211	-	-	-	-	-	3.211
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	60.230	-	-	-	-	-	60.230
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	60.230	-	-	-	-	-	60.230
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	60.230	-	-	-	-	-	60.230

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
FAB-T Terminals (AD)	A	-	-	135.032	-	-	126.628	-	-	123.257	-	-	92.121	-	-	-	-	-	532.268

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6							P-1 Line Item Number / Title: 836700 / Family of Beyond Line-of-Sight Terminals							Item Number / Title [DODIC]: - / Family of Beyond Line-of-Sight Terminals					
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
System Engineering - FAB-T	A	-	-	1.789	-	-	1.789	-	-	1.789	-	-	1.789	-	-	-	-	-	8.945
Program Management Administration (PMA) - FAB-T	A	-	-	3.211	-	-	3.211	-	-	3.211	-	-	3.211	-	-	-	-	-	16.055
Subtotal: Recurring Cost		-	-	140.032	-	-	131.628	-	-	128.257	-	-	97.121	-	-	-	-	-	557.268
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	140.032	-	-	131.628	-	-	128.257	-	-	97.121	-	-	-	-	-	557.268
Gross/Weapon System Cost		-	-	140.032	-	-	131.628	-	-	128.257	-	-	97.121	-	-	-	-	-	557.268
Remarks: FAB-T quantities for FY15 and beyond are dependent on the ongoing production source selection (downselect scheduled 2QFY14).																			

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014		
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 Number / Title: 836720 / Space Based Ir Sensor Pgm Space					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0604441F, 0305915F				
Line Item MDAP/MAIS Code: 210			Item MDAP/MAIS Code(s):									
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	82.635	39.938	25.408	26.100	-	26.100	7.683	7.663	7.799	7.939	-	205.165
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	82.635	39.938	25.408	26.100	-	26.100	7.683	7.663	7.799	7.939	-	205.165
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	82.635	39.938	25.408	26.100	-	26.100	7.683	7.663	7.799	7.939	-	205.165
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: The flyaway unit cost is not included on the P-40 exhibit because there are multiple P-5 Cost Analysis exhibits. The Space-Based Infrared System (SBIRS) consolidates national and DOD infrared detection systems into a single overarching architecture that fulfills the nation's security needs in the areas of missile warning, missile defense, technical intelligence and battlespace awareness. SBIRS enables global, simultaneous surveillance, tracking and targeting of multiple targets in multiple areas of responsibility, and surveillance of infrared sources of operational, intelligence or national significance. SBIRS consists of Defense Support Program (DSP) satellites, satellites in Geosynchronous Earth Orbit (GEO), payloads hosted on Highly Elliptical Orbit (HEO) satellites, an integrated centralized Mission Control Station (MCS), full MCS backup, and relay and mobile ground stations. Development funding is in RDT&E AF Program Element 0604441F, SBIRS High. Production funding for SBIRS satellites is in MPAF PE 0305915F. 1. SBIRS MOBILE AND FIXED SITE COMMUNICATIONS/ELECTRONIC UPGRADES: This effort procures DSP and SBIRS assets to maintain the Data Processing Sub-System upgrade and other low-cost upgrades and maintenance that exceed operations and maintenance appropriations thresholds. This requirement will increase as legacy Mobile Ground Terminals (MGT) continue to operate outside of their design life. Fixed site examples include, but are not limited to, legacy receiver replacement, antenna drive system upgrades, Spacecraft Simulator RF replacement, MCS display upgrade, Rapid Delog (instantaneous translation of computer data to a human-readable format), Sybase database obsolescence, communications and network routers upgrades, and switches and time server replacement. Mobile system examples include, but are not limited to, aging radio frequency communications equipment, aging antenna equipment, aging electrical equipment and cabling, and unsupportable data processing subsystem components. Funding for this effort is in program element 0305915F. 2. SBIRS SURVIVABLE ENDURABLE EVOLUTION (S2E2): S2E2 is an upgrade to the DSP Mobile Ground System (MGS); upgraded systems are called SBIRS Mobile Ground Terminals (SMGT). SBIRS MGS is the only US Survivable and Endurable (S/E) Tactical Warning and Attack Assessment (TW/AA) sensor system (S/E TW/AA). It is the critical Situation Monitoring element in three national-level architectures: Integrated TW/AA System, Chairman, Joint Chiefs of Staff (CJCS) Critical Nodes, and Nuclear Command and Control System (NCCS). USSTRATCOM needs AFSPC's global S/E TW/AA operational capabilities to meet President of the United States, Joint Staff, Combatant Commander and Forward User (FU) requirements for continuous, persistent, and enduring TW/AA non-imaging infrared (NIR)for Missile Warning and static events, and nuclear detonation (NUDET) detection and reporting across all phases of military operations. This effort will enable the MGS to process SBIRS data, in addition to the current DSP data. Current MGSs can only process DSP data for strategic Missile Warning. The S2E2 upgrade will also address long standing obsolescence/unsupportability concerns of the MGS. The shelters will also be upgraded for increased protection from high altitude electromagnetic pulse (HEMP) per MIL-STD-188-125-2. Funding for this effort is in program element 0305915F.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force															Date: March 2014				
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 Number / Title: 836720 / Space Based Ir Sensor Pgm Space									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements: 0604441F, 0305915F									
Line Item MDAP/MAIS Code: 210					Item MDAP/MAIS Code(s):														

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - 1. SBIRS Mobile System & Fixed Comm Electronics Upgrades	P-5, P-5a		-	-	20.449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - 2. SBIRS Survivable Endurable Evolution (S2E2)	P-5, P-5a		-	-	62.186	-	-	39.938	-	-	25.408	-	-	26.100	-	-	-	-	-	26.100
Total Gross/Weapon System Cost			-	-	82.635	-	-	39.938	-	-	25.408	-	-	26.100	-	-	-	-	-	26.100

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - 1. SBIRS Mobile System & Fixed Comm Electronics Upgrades	P-5, P-5a		-	-	7.683	-	-	7.663	-	-	7.799	-	-	7.939	-	-	-	-	-	51.533
Item - 2. SBIRS Survivable Endurable Evolution (S2E2)	P-5, P-5a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153.632
Total Gross/Weapon System Cost			-	-	7.683	-	-	7.663	-	-	7.799	-	-	7.939	-	-	-	-	-	205.165

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

- SBIRS Mobile System & Fixed Site Communications/Electronics Upgrades: No FY15 funding requested.
- SBIRS Survivable Endurable Evolution (S2E2): FY15 funds for S2E2 are planned for the following items: recurring hardware and the purchase, integration and test of the 3rd GEO-capable SBIRS Mobile Ground Terminal (SMGT). The SMGT sustainment effort provides the ability to continue to be the only source of survivable missile warning data used in NCCS.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6					P-1 Line Item Number / Title: 836720 / Space Based Ir Sensor Pgm Space					Item Number / Title [DODIC]: - / 1. SBIRS Mobile System & Fixed Comm Electronics Upgrades		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	20.449	-	-	-	-	-	7.683	7.663	7.799	7.939	-	51.533
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	20.449	-	-	-	-	-	7.683	7.663	7.799	7.939	-	51.533
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	20.449	-	-	-	-	-	7.683	7.663	7.799	7.939	-	51.533

(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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
1. SBIRS Mobile System & Fixed Site Comm Electronics Upgrades Hardware Recurring ^(†)	A	2.921	7	20.449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	20.449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	20.449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	20.449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
1. SBIRS Mobile System & Fixed Site Comm Electronics	A	7.683	1	7.683	7.663	1	7.663	7.799	1	7.799	7.939	1	7.939	-	-	-	4.685	11	51.533

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Exhibit P-5, Cost Analysis: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836720 / Space Based Ir Sensor Pgm Space								Item Number / Title [DODIC]: - / 1. SBIRS Mobile System & Fixed Comm Electronics Upgrades			
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Upgrades Hardware Recurring ^(t)																			
Subtotal: Recurring Cost		-	-	7.683	-	-	7.663	-	-	7.799	-	-	7.939	-	-	-	-	-	51.533
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	7.683	-	-	7.663	-	-	7.799	-	-	7.939	-	-	-	-	-	51.533
Gross/Weapon System Cost		-	-	7.683	-	-	7.663	-	-	7.799	-	-	7.939	-	-	-	-	-	51.533
Remarks: 1. Mobile and Fixed Site Upgrades: FY15: No Mobile and Fixed site upgrades planned for FY15. FY16-19: Special studies and modifications to enhance mission performance of mobile and fixed sites. 2. SBIRS Survivable Endurable Evolution (S2E2): SBIRS capable MGS's require the interim deliverables over this period as described below. --S2E2 Software Non-Recurring: FY11 - Provided non-recurring engineering for S2E2 System Test Environment(STE) design and integration. FY12 - Provided non-recurring engineering for S2E2 HEMP shelters and software integration. FY13 - Provided non-recurring engineering for certification of stereo, track data relay processing, and S2E2 Maintenance Ops Support Suite (MOSS). FY14 - Provides non-recurring engineering for GEO capable S2E2 upgrade. --S2E2 Hardware Non-Recurring: FY11 - Modernized the current Software Integration Facility (SIF) to include development functionality for S2E2. FY12 - Provided non-recurring engineering for S2E2 HEMP shelters and hardware integration. FY13 - Provided non-recurring engineering for S2E2 Maintenance Ops Support Suite (MOSS). Modernized the existing Integrated Maintenance Facility (IMF) with a sustainable MOSS for S2E2 System pre-deployment, maintainer training, and limited operator training. FY14 - Provides non-recurring engineering for GEO capable S2E2 upgrade, to include Parabolic Dish Sub-System (PDSS) antenna thru certification. --S2E2 Hardware Recurring: FY12 - Procured 1 fully tested and sustainable Mono-DSP SMGT. FY13 - Procured 1 fully tested and sustainable Mono-DSP SMGT. Procured the System Test Environment (STE) for high fidelity Development, Testing & Evaluation (DT&E) and future sustainment. FY14 - Procures three sets (2 ea.) of fully tested and sustainable PDSSs, to complete and deliver fully-functional GEO-upgraded SMGTs 1 & 2 as well as the STE. FY15 - Procures 1 fully tested and sustainable GEO SMGT with one set of PDSSs. Total S2E2 Funding for FY11-15= \$153.6M Quantity = 3 Gross Unit Cost = \$51.2M ^(t) indicates the presence of a P-5a																			

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Exhibit P-5a, Procurement History and Planning: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6			P-1 Line Item Number / Title: 836720 / Space Based Ir Sensor Pgm Space					Item Number / Title [DODIC]: - / 1. SBIRS Mobile System & Fixed Comm Electronics Upgrades				
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 Revision Available	RFP Issue Date
1. SBIRS Mobile System & Fixed Site Comm Electronics Upgrades Hardware Recurring		2016	Multiple / Various	SS / CPFF	AFSPC/SMC	Dec 2015	Dec 2016	1	7.683	Y		Jun 2015
1. SBIRS Mobile System & Fixed Site Comm Electronics Upgrades Hardware Recurring		2017	Multiple / Various	SS / CPFF	AFSPC/SMC	Dec 2016	Dec 2017	1	7.663	Y		Jun 2016
1. SBIRS Mobile System & Fixed Site Comm Electronics Upgrades Hardware Recurring		2018	Multiple / Various	SS / CPFF	AFSPC/SMC	Dec 2017	Dec 2018	1	7.799	Y		Jun 2017
1. SBIRS Mobile System & Fixed Site Comm Electronics Upgrades Hardware Recurring		2019	Multiple / Various	SS / CPFF	AFSPC/SMC	Dec 2018	Dec 2019	1	7.939	Y		Jun 2018
Remarks: Please see P-5 remarks regarding the elements of cost contributing to the P-5A unit costs. - FY12 purchases Mono-DSP capable SMGT 1 (operational Nov 2016) - FY13 purchases Mono-DSP capable SMGT 2 (operational Dec 2016) - FY14 purchases GEO-capability upgrades to SMGTs 1 & 2 (operational in Jul and Dec 2017 respectively) - FY15 purchases GEO-capable SMGT 3 (operational Jun 2018) S2E2 unit costs above are not representative of S2E2 costs due to interim deliverables. S2E2 unit costs are calculated as follows: Total S2E2 Funding for FY11-15= \$153.6M Quantity = 3 Gross Unit Cost = \$51.2M												

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Exhibit P-5, Cost Analysis: PB 2015 Air Force										Date: March 2014										
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836720 / Space Based Ir Sensor Pgm Space						Item Number / Title [DODIC]: - / 2. SBIRS Survivable Endurable Evolution (S2E2)										
Resource Summary		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total							
Procurement Quantity (<i>Units in Each</i>)		-	-	-	-	-	-	-	-	-	-	-	-							
Gross/Weapon System Cost (<i>\$ in Millions</i>)		62.186	39.938	25.408	26.100	-	26.100	-	-	-	-	-	153.632							
Less PY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-							
Net Procurement (P1) (<i>\$ in Millions</i>)		62.186	39.938	25.408	26.100	-	26.100	-	-	-	-	-	153.632							
Plus CY Advance Procurement (<i>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-							
Total Obligation Authority (<i>\$ in Millions</i>)		62.186	39.938	25.408	26.100	-	26.100	-	-	-	-	-	153.632							
(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>\$ in Millions</i>)		-	-	-	-	-	-	-	-	-	-	-	-							
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Hardware - Hardware Cost Element Category Cost																				
Recurring Cost																				
2.5 S2E2 SMGT ^(†)		A	14.168	2	28.336	27.538	1	27.538	12.104	2	24.208	26.100	1	26.100	-	-	-	26.100	1	26.100
Subtotal: Recurring Cost			-	-	28.336	-	-	27.538	-	-	24.208	-	-	26.100	-	-	-	-	-	26.100
Non Recurring Cost																				
2.2 S2E2 Software Integration Facility (SIF)		A	5.200	1	5.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3 S2E2 System Test Environment (STE)		A	8.000	1	8.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4 S2E2 Maintenance Ops Support Suite (MOSS)		A	-	-	0.000	6.900	1	6.900	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost			-	-	13.200	-	-	6.900	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	41.536	-	-	34.438	-	-	24.208	-	-	26.100	-	-	-	-	-	26.100
Software - Software Cost Element Category Cost																				
Non Recurring Cost																				
2.1 S2E2 Software Non-Recurring		A	10.325	2	20.650	5.500	1	5.500	1.200	1	1.200	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6							P-1 Line Item Number / Title: 836720 / Space Based Ir Sensor Pgm Space							Item Number / Title [DODIC]: - / 2. SBIRS Survivable Endurable Evolution (S2E2)					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Subtotal: Non Recurring Cost		-	-	20.650	-	-	5.500	-	-	1.200	-	-	-	-	-	-	-	-	-
Subtotal: Software - Software Cost Element Category Cost		-	-	20.650	-	-	5.500	-	-	1.200	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	62.186	-	-	39.938	-	-	25.408	-	-	26.100	-	-	-	-	-	26.100
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
2.5 S2E2 SMGT ^(†)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.697	6	106.182
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106.182
Non Recurring Cost																			
2.2 S2E2 Software Integration Facility (SIF)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.200	1	5.200
2.3 S2E2 System Test Environment (STE)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.000	1	8.000
2.4 S2E2 Maintenance Ops Support Suite (MOSS)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.900	1	6.900
Subtotal: Non Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.100
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	126.282
Software - Software Cost Element Category Cost																			
Non Recurring Cost																			
2.1 S2E2 Software Non-Recurring	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.838	4	27.350
Subtotal: Non Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.350
Subtotal: Software - Software Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.350

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Exhibit P-5, Cost Analysis: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836720 / Space Based Ir Sensor Pgm Space							Item Number / Title [DODIC]: - / 2. SBIRS Survivable Endurable Evolution (S2E2)				
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	153.632
Remarks: 1. Mobile and Fixed Site Upgrades: FY15: No Mobile and Fixed site upgrades planned for FY15. FY16-19: Special studies and modifications to enhance mission performance of mobile and fixed sites. 2. SBIRS Survivable Endurable Evolution (S2E2): SBIRS capable MGS's require the interim deliverables over this period as described below. --S2E2 Software Non-Recurring: FY11 - Provided non-recurring engineering for S2E2 System Test Environment(STE) design and integration. FY12 - Provided non-recurring engineering for S2E2 HEMP shelters and software integration. FY13 - Provided non-recurring engineering for certification of stereo, track data relay processing, and S2E2 Maintenance Ops Support Suite (MOSS). FY14 - Provides non-recurring engineering for GEO capable S2E2 upgrade. --S2E2 Hardware Non-Recurring: FY11 - Modernized the current Software Integration Facility (SIF) to include development functionality for S2E2. FY12 - Provided non-recurring engineering for S2E2 HEMP shelters and hardware integration. FY13 - Provided non-recurring engineering for S2E2 Maintenance Ops Support Suite (MOSS). Modernized the existing Integrated Maintenance Facility (IMF) with a sustainable MOSS for S2E2 System pre-deployment, maintainer training, and limited operator training. FY14 - Provides non-recurring engineering for GEO capable S2E2 upgrade, to include Parabolic Dish Sub-System (PDSS) antenna thru certification. --S2E2 Hardware Recurring: FY12 - Procured 1 fully tested and sustainable Mono-DSP SMGT. FY13 - Procured 1 fully tested and sustainable Mono-DSP SMGT. Procured the System Test Environment (STE) for high fidelity Development, Testing & Evaluation (DT&E) and future sustainment. FY14 - Procures three sets (2 ea.) of fully tested and sustainable PDSSs, to complete and deliver fully-functional GEO-upgraded SMGTs 1 & 2 as well as the STE. FY15 - Procures 1 fully tested and sustainable GEO SMGT with one set of PDSSs. Total S2E2 Funding for FY11-15= \$153.6M Quantity = 3 Gross Unit Cost = \$51.2M (t) indicates the presence of a P-5a																			

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Exhibit P-5a, Procurement History and Planning: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836720 / Space Based Ir Sensor Pgm Space					Item Number / Title [DODIC]: - / 2. SBIRS Survivable Endurable Evolution (S2E2)			
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 Revision Available	RFP Issue Date
2.5 S2E2 SMGT		2012	Lockheed Martin Space Systems / Sunnyvale, CA	SS / CPIF	AFSPC/SMC	Jun 2013	Nov 2016	1	45.393	Y		Oct 2012
2.5 S2E2 SMGT		2013	Lockheed Martin Space Systems / Sunnyvale, CA	SS / CPIF	AFSPC/SMC	Jun 2013	Dec 2016	1	27.538	Y		Oct 2012
2.5 S2E2 SMGT		2014	Lockheed Martin Space Systems / Sunnyvale, CA	SS / CPIF	AFSPC/SMC	Jun 2014	Jul 2017	2	24.208	Y		Nov 2013
2.5 S2E2 SMGT		2015	Lockheed Martin Space Systems / Sunnyvale, CA	SS / CPIF	AFSPC/SMC	Jun 2014	Jun 2018	1	26.100	Y		Nov 2013
Remarks: Please see P-5 remarks regarding the elements of cost contributing to the P-5A unit costs. - FY12 purchases Mono-DSP capable SMGT 1 (operational Nov 2016) - FY13 purchases Mono-DSP capable SMGT 2 (operational Dec 2016) - FY14 purchases GEO-capability upgrades to SMGTs 1 & 2 (operational in Jul and Dec 2017 respectively) - FY15 purchases GEO-capable SMGT 3 (operational Jun 2018) S2E2 unit costs above are not representative of S2E2 costs due to interim deliverables. S2E2 unit costs are calculated as follows: Total S2E2 Funding for FY11-15= \$153.6M Quantity = 3 Gross Unit Cost = \$51.2M												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
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 Number / Title: 836730 / Navstar GPS Space						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements: 0305164F, 0603423F				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	2.028	2.053	2.075	-	2.075	3.641	13.836	16.104	16.392	-	56.129
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	2.028	2.053	2.075	-	2.075	3.641	13.836	16.104	16.392	-	56.129
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	2.028	2.053	2.075	-	2.075	3.641	13.836	16.104	16.392	-	56.129
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: The Navstar Global Positioning System (GPS) provides highly accurate time, three-dimensional position, and velocity information to an unlimited number of users anywhere on or above the surface of the earth, in any weather. GPS satisfies validated joint service requirements for worldwide, accurate, common grid navigation for military aircraft, ships, ground vehicles and personnel. The system is comprised of three segments: (1) satellites, (2) a ground control, and (3) user equipment. The satellites broadcast high-accuracy data using precisely synchronized signals that are received and processed by user equipment installed in military platforms. The ground control network updates the navigation messages broadcast from the satellites to provide system vectors to target location or navigational way points. Funds in this line support various GPS specific production efforts associated with the ground control and user equipment segments.												
PE 0305164F NAVSTAR GPS (USER EQUIPMENT) (SPACE)												
KEY DATA LOADING INSTALLATION FACILITY (KLIF)/GPS SECURITY DEVICE: The KLIF facilitates the programming of black key (cryptographic) algorithms into the Selective Availability Anti-Spoofing Module (SAASM) to provide accurate positioning solutions for GPS users using secure equipment.												
PE 0603423F GPS III - OPERATIONAL CONTROL SEGMENT												
GPS III OPERATIONAL CONTROL SEGMENT (GPS OCX): OCX is the next generation GPS ground control system. OCX will 1) provide command and control of legacy and GPS III satellites, 2) incorporate situational awareness to support Navigation warfare (Navwar) and signal monitoring, 3) enable mission capability upgrades to support effects-based approach to operations, and 4) implement DoD information assurance controls and capabilities. OCX is currently post Milestone B in the engineering, manufacturing and development phase of acquisition.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
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 Number / Title: 836730 / Navstar GPS Space									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0305164F, 0603423F									

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - Navstar GPS Space - PE 0305164F	P-5		-	-	-	-	-	2.028	-	-	2.053	-	-	2.075	-	-	-	-	-	2.075
Item - Navstar GPS Space - PE 0603423F	P-5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Gross/Weapon System Cost			-	-	-	-	-	2.028	-	-	2.053	-	-	2.075	-	-	-	-	-	2.075

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - Navstar GPS Space - PE 0305164F	P-5		-	-	2.119	-	-	2.158	-	-	2.196	-	-	2.235	-	-	-	-	-	14.864
Item - Navstar GPS Space - PE 0603423F	P-5		-	-	1.522	-	-	11.678	-	-	13.908	-	-	14.157	-	-	-	-	-	41.265
Total Gross/Weapon System Cost			-	-	3.641	-	-	13.836	-	-	16.104	-	-	16.392	-	-	-	-	-	56.129

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:
PE 0305164F NAVSTAR GPS (USER EQUIPMENT) (SPACE)

KEY DATA LOADING INSTALLATION FACILITY (KLIF)/GPS SECURITY DEVICE: FY15 funding provides for the programming of black key (cryptographic) algorithms into the Selective Availability Anti-Spoofing Module (SAASM), providing an accurate positioning solution for GPS users using secure equipment. Funding will procure support for Key Data Processors (KDP), ensuring uninterrupted support to SAASM vendors. SAASM vendors are required to use government-provided KDP as part of the security architecture of GPS User Equipment.

PE 0603423F GPS III - OPERATIONAL CONTROL SEGMENT

GPS III OPERATIONAL CONTROL SEGMENT (GPS OCX): No FY15 funding requested.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836730 / Navstar GPS Space					Item Number / Title [DODIC]: - / Navstar GPS Space - PE 0305164F			

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	2.028	2.053	2.075	-	2.075	2.119	2.158	2.196	2.235	-	14.864
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	2.028	2.053	2.075	-	2.075	2.119	2.158	2.196	2.235	-	14.864
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	2.028	2.053	2.075	-	2.075	2.119	2.158	2.196	2.235	-	14.864

(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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
KLIF/GPS Security Device	A	-	-	-	-	-	2.028	-	-	2.053	-	-	2.075	-	-	-	-	-	2.075
Subtotal: Recurring Cost		-	-	-	-	-	2.028	-	-	2.053	-	-	2.075	-	-	-	-	-	2.075
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	2.028	-	-	2.053	-	-	2.075	-	-	-	-	-	2.075
Gross/Weapon System Cost		-	-	-	-	-	2.028	-	-	2.053	-	-	2.075	-	-	-	-	-	2.075

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
KLIF/GPS Security Device	A	-	-	2.119	-	-	2.158	-	-	2.196	-	-	2.235	-	-	-	-	-	14.864
Subtotal: Recurring Cost		-	-	2.119	-	-	2.158	-	-	2.196	-	-	2.235	-	-	-	-	-	14.864
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	2.119	-	-	2.158	-	-	2.196	-	-	2.235	-	-	-	-	-	14.864
Gross/Weapon System Cost		-	-	2.119	-	-	2.158	-	-	2.196	-	-	2.235	-	-	-	-	-	14.864

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6	P-1 Line Item Number / Title: 836730 / Navstar GPS Space	Item Number / Title [DODIC]: - / Navstar GPS Space - PE 0305164F

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Exhibit P-5, Cost Analysis: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836730 / Navstar GPS Space					Item Number / Title [DODIC]: - / Navstar GPS Space - PE 0603423F			

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	1.522	11.678	13.908	14.157	-	41.265
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	-	-	-	-	1.522	11.678	13.908	14.157	-	41.265
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	-	-	-	1.522	11.678	13.908	14.157	-	41.265

(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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
GPS III OPERATIONAL CONTROL SEGMENT (GPS OCX)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
GPS III OPERATIONAL CONTROL SEGMENT (GPS OCX)	A	-	-	1.522	-	-	11.678	-	-	13.908	-	-	14.157	-	-	-	-	-	41.265
Subtotal: Recurring Cost		-	-	1.522	-	-	11.678	-	-	13.908	-	-	14.157	-	-	-	-	-	41.265

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6							P-1 Line Item Number / Title: 836730 / Navstar GPS Space							Item Number / Title [DODIC]: - / Navstar GPS Space - PE 0603423F					
Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	1.522	-	-	11.678	-	-	13.908	-	-	14.157	-	-	-	-	-	41.265
Gross/Weapon System Cost		-	-	1.522	-	-	11.678	-	-	13.908	-	-	14.157	-	-	-	-	-	41.265

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
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 Number / Title: 836750 / Nudet Detection Sys Space						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	5.185	4.415	4.656	-	4.656	5.129	4.467	6.459	6.575	-	36.886
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	5.185	4.415	4.656	-	4.656	5.129	4.467	6.459	6.575	-	36.886
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	5.185	4.415	4.656	-	4.656	5.129	4.467	6.459	6.575	-	36.886
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: The United States Nuclear Detonation (NUDET) Detection System (USNDS) provides a near real-time worldwide, highly survivable/endurable capability to detect, locate, and report any nuclear detonations in the earth's atmosphere or in near space. The USNDS Operational Requirements Document (ORD), dated 21 Jan 2004, documents the requirements for space-based NUDET detection. Space-based NUDET detection is also mandated by Public Law 110-181, dated 28 Jan 2008, which directs the Secretary of Defense to maintain the capability for space-based nuclear detection at or above 2008 capability levels. USNDS supports NUDET detection requirements across five mission areas: Integrated Tactical Warning and Attack Assessment (ITW/AA), Nuclear Force Management (NFM), Space Control (SC), Treaty Monitoring (TM) and a classified mission. The USNDS 6 program is jointly sponsored and funded by the Department of Defense (DoD), through the US Air Force (AF), and the Department of Energy (DOE), through the National Nuclear Security Administration (NNSA) and its Nuclear Detonation Detection (NA-22) office, respectively. NNSA/NA-22 supplies, at no cost to DoD, USNDS space sensors as Government Furnished Equipment (GFE) to the AF's USNDS Program Office, which is responsible for all acquisition and systems engineering, integration and test (SEIT) activities on space vehicles (SVs), to include Global Positioning System (GPS) and additional hosts, and their supporting ground control segments. The AF directly funds the procurement of the USNDS 6 ground segment (described below). DoD funds their contribution to the NDS program in PE 0305913F with RDT&E, OPAF and O&M dollars. NDS payload integration onto GPS satellites is funded in the GPS Space & Control PE 0305165F for GPS IIF SVs and GPS III Space Segment PE 0305265F for GPS III SVs. USNDS consists of space sensors and complex ground segments. The space segment sensors, funded by DOE, consists of three nuclear detection sensor payloads: the Radiation Detection Capability (RADEC) payload for Defense Support Program (DSP) satellites, the Global Burst Detection (GBD) payload for Medium Earth Orbit (MEO) platforms (GPS satellites), and the Space Atmospheric Burst Reporting System (SABRS) payload for Geosynchronous Earth Orbit (GEO) platforms (classified GEO hosts). Together, these sensors and associated communications capability provided by the host satellites comprise the global NUDET space segment detection capability for the USNDS. Space sensors communicate NUDET indications to the fixed ground segment (the RADEC Data Processor (RDP) and the Integrated Correlation and Display System (ICADS)) and the deployable mobile ground segment (survivable Ground NDS Terminals (GNTs), and the survivable/endurable Universal Ground NDS Terminals (UGNTs), when fielded). These ground systems perform data analysis and provide a decision support tool to the Air Force controllers concerning probability of NUDET occurrence. The ground segment provides ground receiving analysis and reporting capabilities to national authorities, commands, and forward users as well as Department of State for Treaty Monitoring and Verification mission. The ground control segment is being modernized and continuously improved through an incremental evolution acquisition approach.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 836750 / Nudet Detection Sys Space

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

The upgrade to the GNT is the survivable/endurable Universal Ground Nuclear Detonation (NUDET) Detection System (NDS) Terminal (UGNT) which is funded with AF RDT&E in this PE. The UGNT provides NUDET Detection Reports to end users through survivable and endurable USNDS communications via Milstar/Advanced Extremely High Frequency (AEHF) circuits. The GNT supports Integrated Tactical Warning and Attack Assessment (ITW/AA) and Nuclear Force Management (NFM) missions. The UGNT program modifies the baseline of the GNT program and deploys as an integral part of the Space Based Infrared System (SBIRS) Survivable / Endurable Evolution (S2E2) Mobile Ground System (SMGS) units also in support of ITW/AA and NFM. The UGNT, when integrated with the SMGS, will perform NUDET event processing with fused NDS data from GPS and DSP. SMGS capability refers to the result of the S2E2 upgrade program for the MGS mission processing capability, including the integration of UGNT. The intended end state of UGNT integration is delivery of enhanced missile warning and NUDET detection capabilities that meet survivable/endurable ITW/AA requirements directed by the President, SECDEF, Joint Staff, and USSTRATCOM delivering long-term, cost effective, multi-role, multi-mission space effects to the war fighter across the range of military operations.

Funding for this effort is in PE 0305913F NUDET DETECTION SYS SPACE.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Nudet Detection Sys Space	P-5		-	-	-	-	-	5.185	-	-	4.415	-	-	4.656	-	-	-	-	-	4.656
Total Gross/Weapon System Cost			-	-	-	-	-	5.185	-	-	4.415	-	-	4.656	-	-	-	-	-	4.656

*For Items, Title represents the Item Number / Title [DODIC].

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

- Justification:**
1. INTEGRATED CORRELATION AND DISPLAY SYSTEM (ICADS) UPGRADES: FY15 funding purchases of antennas, receivers, and computer processors.
 2. GROUND NUCLEAR DETONATION DETECTION TERMINALS UPGRADES: FY15 funding purchases equipment for the hardened shelter, and integration and test of data processors for USNDS 6.
 3. SENSOR CHECKOUT ACTIVITIES: FY15 funding purchases equipment upgrades for on-orbit sensor testing, simulators and other ground test environments for USNDS 6.
 4. TECHNICAL SUPPORT: FY15 funding purchases support for equipment upgrades for sensor checkout, testing and simulator modifications for USNDS 6.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6			P-1 Line Item Number / Title: 836750 / Nudet Detection Sys Space			Item Number / Title [DODIC]: - / Nudet Detection Sys Space

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	5.185	4.415	4.656	-	4.656
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	5.185	4.415	4.656	-	4.656
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	5.185	4.415	4.656	-	4.656

(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>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
1. ICADS UPGRADE (PE 0305913F) ⁽¹⁾	A	-	-	-	0.822	2	1.644	0.530	2	1.059	0.300	1	0.300	-	-	-	0.300	1	0.300
2. GNT UPGRADE (PE 0305913F)	A	-	-	-	1.083	2	2.166	0.750	2	1.500	1.654	2	3.307	-	-	-	1.654	2	3.307
3. Sensor Checkout Activities	A	-	-	-	1.375	1	1.375	1.856	1	1.856	0.500	1	0.500	-	-	-	0.500	1	0.500
4. Technical Support	A	-	-	-	-	-	-	-	-	-	0.549	1	0.549	-	-	-	0.549	1	0.549
Subtotal: Recurring Cost		-	-	0.000	-	-	5.185	-	-	4.415	-	-	4.656	-	-	-	-	-	4.656
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	0.000	-	-	5.185	-	-	4.415	-	-	4.656	-	-	-	-	-	4.656
Gross/Weapon System Cost		-	-	-	-	-	5.185	-	-	4.415	-	-	4.656	-	-	-	-	-	4.656

Cost Element Breakout	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1. ICADS UPGRADE (PE 0305913F) ⁽¹⁾	A	-	-	-	0.822	2	1.644	0.530	2	1.059	0.300	1	0.300	-	-	-	0.300	1	0.300
Automated Data Processor (ADP) ⁽²⁾		-	-	-	0.822	2	1.644	0.530	2	1.059	0.300	1	0.300	-	-	-	0.300	1	0.300
2. GNT UPGRADE (PE 0305913F)	A	-	-	-	1.083	2	2.166	0.750	2	1.500	1.654	2	3.307	-	-	-	1.654	2	3.307

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6						P-1 Line Item Number / Title: 836750 / Nudet Detection Sys Space						Item Number / Title [DODIC]: - / Nudet Detection Sys Space						

Cost Element Breakout	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
ADP + Spares		-	-	-	1.083	2	2.166	-	-	-	1.654	2	3.307	-	-	-	1.654	2	3.307
ADP Testbed		-	-	-	-	-	-	0.750	2	1.500	-	-	-	-	-	-	-	-	-

Remarks:

(1) Quantity/unit cost data represents the average unit cost per system installation. Due to cost variances between local configurations, unit cost data will fluctuate between fiscal years.

Footnotes:

(1) Quantity/unit cost data represents the average unit cost per system installation. Due to cost variances between local configurations, unit cost data will fluctuate between fiscal years.

(2) Reference footnote (1)

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
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 Number / Title: 836760 / Af Satellite Control Network Space					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items: 0305110F					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	89.888	44.161	19.863	54.630	-	54.630	77.178	70.056	60.919	62.007	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	89.888	44.161	19.863	54.630	-	54.630	77.178	70.056	60.919	62.007	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	89.888	44.161	19.863	54.630	-	54.630	77.178	70.056	60.919	62.007	Continuing	Continuing
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: The Air Force Satellite Control Network (AFSCN) is a satellite ground terminal network comprised of two communication nodes and 15 antenna systems. The antennas are distributed around the globe at eight locations to ensure global coverage for 170 satellites in various orbits. The AFSCN conducts an average of 450 satellite contacts per day supporting Positioning, Navigation and Timing (PNT); Intelligence, Surveillance and Reconnaissance (ISR); Missile Warning; Communications; Weather; Launch Vehicle Support; Research and Development (R&D) in support of Department of Defense (DoD), Intelligence Community (IC), and National Aeronautics and Space Administration (NASA) operations. While most of the 450 satellite contacts/day are routine command and control activities, the AFSCN is also used for satellite emergencies (e.g. tumbling satellite) because its high power antennas are often the only earthbound assets that can contact a non-responsive satellite to re-establish command & control. In FY13 alone, the AFSCN supported 10 space vehicle emergencies resulting in the preservation of \$6B worth of satellites. In addition to routine and emergency satellite operations C2, the AFSCN provides support to launch vehicle and early orbit operations, ensuring worldwide antennas receive telemetry as the rocket travels through the atmosphere and transmits commands to a newly orbiting satellite to initiate early orbit checkout. Finally, the AFSCN provides Compatibility Testing (FCT) to ensure satellites and rockets can communicate via the AFSCN before the satellite is launched. These funds are used to procure modernized equipment for the AFSCN to ensure the capability is available to support DoD, Intelligence, and civil users through 2020. Principle efforts include: 1) AFSCN Interim Supply Support: procures support services, peculiar and common support materials, and required re-procurement data for the Satellite Control Network contract, and to transition to government supply support. 2) Remote Tracking Station (RTS) Block Change (RBC): The RBC Program was initiated in Dec 2001 to modernize the legacy system. The RBC program replaces 6 remote ground antennas that have reached their end of life and installs an additional system at Diego Garcia for improved Eastern hemisphere coverage. To date, RBC systems have been installed at Vandenberg Tracking Station (VTS), Diego Garcia Station (DGS), Telemetry and Commanding Station (TCS), Guam Tracking Station (GTS), Hawaii Tracking Station (HTS), and New Hampshire Tracking Station (NHS). Thule Tracking Station (TTS) is in process and projected to complete in the 1Q FY16.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 836760 / Af Satellite Control Network Space

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0305110F	Other Related Program Elements:

In addition, the Air Force is upgrading the electronics in the remaining eight serviceable Remote Ground Antenna systems. This "hybrid" architecture couples the RBC electronics, including the new RBC High Power Amplifier (HPA), with existing antennas, and normalizes electronics across the network. A prototype effort was implemented in FY12 to validate the approach, and the first two hybrid articles were awarded in FY13. Completion of hybrid upgrades for all eight legacy Remote Ground Antenna systems is projected by FY19.

3) AFSCN Recapitalization Projects: The Air Force will use various contract vehicles to address highest priority unfunded upgrades as funding is made available in execution (e.g., due to lower negotiated costs or reduced requirements on planned modernization). Obsolescence and sustainment "worst actors" are prioritized annually in order of criticality to the mission. The potential for failed satellite contacts drives priority.

Funding for this effort is contained in PE 0305110F.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Af Satellite Control Network Space	P-5		-	-	-	-	-	16.999	-	-	19.863	-	-	14.981	-	-	-	-	-	14.981
Item - 1 / Air Force Satellite Control Network Recapitalization Projects	P-40a		-	-	-	-	-	4.403	-	-	-	-	-	1.230	-	-	-	-	-	1.230
P-3a - 1 / Remote Tracking Station Block Change (RBC)	P-3a		-	-	89.888	-	-	22.759	-	-	-	-	-	38.419	-	-	-	-	-	38.419
Total Gross/Weapon System Cost			-	-	89.888	-	-	44.161	-	-	19.863	-	-	54.630	-	-	-	-	-	54.630

*For Items, Title represents the Item Number / Title [DODIC]. For the P-3a, Title represents the Modification Number / Title.

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

Justification:

1) AFSCN Interim Supply Support: FY15 funding provides peculiar and common support material, required by re-procurement data, and interim supply support management. In addition, funds this year procure the most urgently needed capital equipment replacements for items that exceed the O&M dollar threshold. This equipment replaces items such as, but not limited to, high power amplifiers, processors, archival event recorders, and router switches which are at the top of the sustainer's "worst actors" list and account for significant maintenance effort, down time, and lost or failed contacts.

2-3) Where applicable, justification for individual modifications (RBC and AFSCN Recapitalization Projects) is provided in the P-3A exhibits. These modifications are not new starts as they were previously justified on the P-5 "AF Satellite Control Network Space".

FY15 funds continue Program Management Administration (PMA) to procure other support for the system program office including, but not limited to cost estimating, contract reconciliation, and configuration management. These Advisory and Assistance Services and FFRDC efforts support the functions of government personnel in managing the production activities to upgrade the AFSCN system, and include FFRDC analyses for the program director to support installation, integration, and testing, as well as the installs and integration of equipment for the on-going upgrades.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836760 / Af Satellite Control Network Space						Item Number / Title [DODIC]: - / Af Satellite Control Network Space								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-			16.999			19.863			14.981			-			14.981		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					-			16.999			19.863			14.981			-			14.981		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					-			16.999			19.863			14.981			-			14.981		
(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>(\$ in Millions)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Logistics - Logistics Cost Element Category Cost																						
Recurring Cost																						
INTERIM SUPPLY SPT SERVICES/ LABOR:	A		-	-	-	-	-	1.849	-	-	2.232	-	-	1.363	-	-	-	-	-	1.363		
INTERIM SUPPLY SPT -- Materiel	A		-	-	-	-	-	5.546	-	-	6.695	-	-	4.087	-	-	-	-	-	4.087		
Subtotal: Recurring Cost			-	-	-	-	-	7.395	-	-	8.927	-	-	5.450	-	-	-	-	-	5.450		
Subtotal: Logistics - Logistics Cost Element Category Cost			-	-	-	-	-	7.395	-	-	8.927	-	-	5.450	-	-	-	-	-	5.450		
Support - Support Cost Element Category Cost																						
FFRDC ANALYSIS (PMA)			-	-	-	-	-	7.044	-	-	6.666	-	-	7.246	-	-	-	-	-	7.246		
SETA (PMA)			-	-	-	-	-	1.743	-	-	2.935	-	-	0.942	-	-	-	-	-	0.942		
PROGRAM OFFICE OPS & TRAVEL (PMA)			-	-	-	-	-	0.817	-	-	1.335	-	-	1.343	-	-	-	-	-	1.343		
Subtotal: Support - Support Cost Element Category Cost			-	-	-	-	-	9.604	-	-	10.936	-	-	9.531	-	-	-	-	-	9.531		
Gross/Weapon System Cost			-	-	-	-	-	16.999	-	-	19.863	-	-	14.981	-	-	-	-	-	14.981		

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6						P-1 Line Item Number / Title: 836760 / Af Satellite Control Network Space									Aggregated Modification Items Title: AIR FORCE SATELLITE CONTROL NETWORK SPACE				

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1 / Air Force Satellite Control Network Recapitalization Projects			-	-	-	-	-	4.403	-	-	-	-	-	1.230	-	-	-	-	-	1.230
Total			-	-	0.000	-	-	4.403	-	-	-	-	-	1.230	-	-	-	-	-	1.230

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
1 / Air Force Satellite Control Network Recapitalization Projects	Air Force Satellite Control Network	Capability Improvement

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6		P-1 Line Item Number / Title: 836760 / Af Satellite Control Network Space			Modification Number / Title: 1 / Remote Tracking Station Block Change (RBC)	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	89.888	22.759	-	38.419	-	38.419
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	89.888	22.759	-	38.419	-	38.419
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	89.888	22.759	-	38.419	-	38.419
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:
 REMOTE TRACKING STATION (RTS) BLOCK CHANGE (RBC): The RBC Program was initiated in Dec 2001 to modernize the legacy system. The RBC program replaces 6 remote ground antennas that have reached their end of life and installs an additional system at Diego Garcia for improved Eastern hemisphere coverage. To date, RBC systems have been installed at Vandenberg Tracking Station (VTS), Diego Garcia Station (DGS), Telemetry and Commanding Station (TCS), Guam Tracking Station (GTS), Hawaii Tracking Station (HTS), and New Hampshire Tracking Station (NHS). Thule Tracking Station (TTS) is in process and projected to complete in 1Q FY16. In addition, the Air Force is upgrading the electronics in the remaining eight serviceable Remote Ground Antenna systems. This "hybrid" architecture couples the RBC electronics, including the new RBC High Power Amplifier (HPA), with existing antennas and normalizes electronics across the network. A prototype effort was implemented in FY12 to validate the approach, and the first two hybrid articles were awarded in FY13. Completion of hybrid upgrades for all eight legacy Remote Ground Antenna systems is projected by FY19.

Milestone/Development Status

N/A

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6			P-1 Line Item Number / Title: 836760 / Af Satellite Control Network Space		Modification Number / Title: 1 / Remote Tracking Station Block Change (RBC)	
Models of Systems Affected: Air Force Satellite Control Network			Modification Type: Capability Improvement		Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
Modification Item 1 of 2: RBC/Hybrid						
B Kits						
Recurring						
RBC/Hybrid:EQUIPMENT Group B (Active)	8 / 89.888	1 / 22.759	- / -	2 / 38.419	- / -	2 / 38.419
<i>Subtotal: Recurring</i>	- / 89.888	- / 22.759	- / -	- / 38.419	- / -	- / 38.419
<i>Subtotal: RBC/Hybrid</i>	- / 89.888	- / 22.759	- / -	- / 38.419	- / -	- / 38.419
Modification Item 2 of 2: USB/Dual Band						
B Kits						
Recurring						
USB/Dual Band:EQUIPMENT Group B (Active)	0 / 0.000	- / -	- / -	- / -	- / -	- / -
<i>Subtotal: Recurring</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -
<i>Subtotal: USB/Dual Band</i>	- / 0.000	- / -	- / -	- / -	- / -	- / -
<i>Subtotal: Procurement, All Modification Items</i>	- / 89.888	- / 22.759	- / -	- / 38.419	- / -	- / 38.419
Installation						
Modification Item 1 of 2: RBC/Hybrid						
<i>Subtotal: Installation</i>						
Total						
Total Cost (Procurement + Support + Installation)	89.888	22.759	-	38.419	-	38.419

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Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836760 / Af Satellite Control Network Space				Modification Number / Title: 1 / Remote Tracking Station Block Change (RBC)					
Modification Item 1 of 2: RBC/Hybrid													
Modification Item MDAP/MAIS Code:													
Manufacturer Information													
Manufacturer Name: Honeywell Technical Solutions, Inc (HTSI)						Manufacturer Location: Colorado Springs, CO							
Administrative Leadtime (<i>in Months</i>): 5						Production Leadtime (<i>in Months</i>): 36							
Dates		FY 2013				FY 2014				FY 2015			
Contract Dates		Apr 2013								Mar 2015			
Delivery Dates		Mar 2017								Mar 2018			
Installation Information													
Method of Implementation: Contract Field Team													
Installation Cost		Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Prior Years		6 / 0.000		2 / 0.000		- / -		- / -		- / -		- / -	
FY 2013		- / -		- / -		1 / -		- / -		- / -		- / -	
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -	
FY 2015		- / -		- / -		- / -		2 / -		- / -		2 / -	
Total		6 / 0.000		2 / -		1 / -		2 / -		- / -		2 / -	
Installation Schedule													
	PYS	FY 2013				FY 2014				FY 2015			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
In	6	-	2	-	-	-	-	1	-	-	2	-	-
Out	3	-	-	1	-	2	-	-	-	-	-	-	1

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Exhibit P-3a, Individual Modification: PB 2015 Air Force		Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6		P-1 Line Item Number / Title: 836760 / Af Satellite Control Network Space	
		Modification Number / Title: 1 / Remote Tracking Station Block Change (RBC)	
Modification Item 2 of 2: USB/Dual Band			
Modification Item MDAP/MAIS Code:			
Manufacturer Information			
Manufacturer Name: Honeywell Technical Solutions, Inc (HTSI)		Manufacturer Location: Colorado Springs, CO	
Administrative Leadtime (<i>in Months</i>): 9		Production Leadtime (<i>in Months</i>): 24	
Dates	FY 2013	FY 2014	FY 2015
Contract Dates	Oct 2013		Oct 2015
Delivery Dates	Oct 2015		Oct 2017
Installation Information			
Method of Implementation (Organic): Org/Intermediate		Installation Quantity: 0	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
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 Number / Title: 836770 / Spacelift Range System Space					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items: 0305182F					Other Related Program Elements: 0305182F				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	67.600	98.068	90.806	69.713	-	69.713	116.307	114.751	106.341	108.243	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	67.600	98.068	90.806	69.713	-	69.713	116.307	114.751	106.341	108.243	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	67.600	98.068	90.806	69.713	-	69.713	116.307	114.751	106.341	108.243	Continuing	Continuing
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date. Description: The Eastern Range at Patrick AFB/Cape Canaveral AFS, FL and the Western Range at Vandenberg AFB, CA make up the Spacelift Range System (SLRS), also known as the Launch and Test Range System (LTRS). The SLRS provides the capability to track and destroy an errant rocket in flight to protect the public, which enables national security, civil, and commercial spacelift operations to be conducted safely. SLRS is also a test range, supporting intercontinental and sea-launched ballistic missile test launches, national missile defense tests, and aeronautical tests. SLRS is comprised of twelve subsystems that together provide this capability to the ranges. The Range Safety and Command Destruct subsystems provide the capability to destroy an errant rocket, if necessary. These subsystems rely on the telemetry, radar, and optics subsystems to provide tracking data to the Mission Flight Control Officer (MFCO), who is certified to determine if a rocket in flight is on course or errant. The weather and surveillance subsystems provide the MFCO information about the surroundings to determine if conditions are safe for launch. The communications, data handling, and Timing & Sequencing subsystems ensure critical data is expeditiously routed from remote sensors (e.g. radars, optics, etc.) to the MFCO. Finally, the planning and scheduling subsystem ensures all assets are available when needed for a launch or test operation. The Air Force prioritizes procurement funds to ensure aging range equipment is modernized prior to end of life. Sustainment trends are continuously analyzed and assessed across all twelve subsystems and procurement funds are used to modernize the most critical mission equipment. 1) SLRS INTERIM SUPPLY SUPPORT: Provides peculiar and common support material, required by re-procurement data, and interim supply support management. 2) SLRS Support Services: FY15 funds pay for FFRDC mission assurance activities to ensure all twelve subsystems are compatible with mission rules and do not pose a risk to safe and cost-effective satellite launches. Funds are also used for SE&I to manage baseline documentation and project integration with the sustainment baseline. 3) Range Command Destruct Modernization (RCDM): modernizes the Eastern and Western Range Command Destruct Systems. The Eastern Range Command Destruct will replace a sustainment "worst actor" that has been the cause of an expensive launch scrub as well as several near scrubs. In addition, the Eastern Range Command Destruct will provide the capability to use a new secure Command Destruct Code structure mandated by NSA for cyber security. The Western Range Command Destruct contract is needed for an equivalent upgrade to the Command Destruct Systems on the Western Range. The Air Force decided to award two separate contracts to ensure the Eastern Range Command Destruct contract meets the Eastern Range's more urgent need date. However, both contracts will use similar hardware and software.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 836770 / Spacelift Range System Space

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0305182F	Other Related Program Elements: 0305182F

4) Modernized Eastern Network (MEN): upgrades the communications subsystem on the Eastern Range from Asynchronous Transfer Mode (ATM) technology to today's standard of IPV4/IPV6. MEN resolves 2018 obsolescence issues, eliminates high-priority sustainment issues, and provides improved cyber security for range operations. The contract was awarded as small business set aside.

5) Western Modernized Network (WMN): upgrades the communications subsystem on the Western Range from Asynchronous Transfer Mode (ATM) technology to today's standard of IPV4/IPV6. WMN resolves remaining ATM obsolescence issues, numerous high-priority sustainment issues, and provides improved cyber security for range operations. The WMN contract is expected to be awarded in FY15 as a small business set aside.

6) SLRS Recapitalization Projects: The Air Force will use various contract vehicles (LTRS Integrated Support Contract, GSA, Full & Open Competition) to address the highest priority unfunded upgrades as funding is made available in execution (e.g. due to lower negotiated costs or reduced requirements on planned modernization). Obsolescence and sustainment "worst actors" in all twelve subsystems are prioritized annually in order of their criticality to the mission; priority is driven by likelihood of causing a launch delay/scrub.

Funding for this exhibit is in PE 0305182F.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - SLRS SUSTAINMENT	P-5		-	-	0.000	-	-	44.581	-	-	49.104	-	-	47.436	-	-	-	-	-	47.436
Item - 1 / Modernization of Eastern Range Network (MEN)	P-40a		-	-	39.800	-	-	-	-	-	2.600	-	-	2.600	-	-	-	-	-	2.600
Item - 2 / Western Range Modernization of Network (WMN)	P-40a		-	-	-	-	-	24.700	-	-	38.400	-	-	-	-	-	-	-	-	-
P-3a - 1 / Range Command Destruct Modernization (RCDM)	P-3a		-	-	27.800	-	-	19.500	-	-	-	-	-	6.000	-	-	-	-	-	6.000
P-3a - 2 / Spacelift Range System Recapitalization Projects	P-3a		-	-	0.000	-	-	9.287	-	-	0.702	-	-	13.677	-	-	-	-	-	13.677
Total Gross/Weapon System Cost			-	-	67.600	-	-	98.068	-	-	90.806	-	-	69.713	-	-	-	-	-	69.713

*For Items, Title represents the Item Number / Title [DODIC]. For the P-3a, Title represents the Modification Number / Title.

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

Justification:

1) SLRS INTERIM SUPPLY SUPPORT: FY15 funds will pay for interim supply support, to include supplies and associated interim supply support management, via LISC. In addition, funds this year procure the most urgently needed capital equipment replacements for items that exceed the O&M dollar threshold.

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LI 836770 - Spacelift Range System Space
Air Force

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Exhibit P-5, Cost Analysis: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6			P-1 Line Item Number / Title: 836770 / Spacelift Range System Space			Item Number / Title [DODIC]: - / SLRS SUSTAINMENT

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	44.581	49.104	47.436	-	47.436
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	44.581	49.104	47.436	-	47.436
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	44.581	49.104	47.436	-	47.436

(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>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Logistics - Logistics Cost Element Category Cost																			
Recurring Cost																			
INTERIM SUPPLY SUPPORT MATERIAL (PARTS/ SUPPLIES)	A	-	-	-	4.652	1	4.652	8.180	1	8.180	8.118	1	8.118	-	-	-	8.118	1	8.118
INTERIM SUPPLY SUPPORT SERVICES/LABOR	A	-	-	-	-	-	1.011	-	-	1.478	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.000	-	-	5.663	-	-	9.658	-	-	8.118	-	-	-	-	-	8.118
Subtotal: Logistics - Logistics Cost Element Category Cost		-	-	0.000	-	-	5.663	-	-	9.658	-	-	8.118	-	-	-	-	-	8.118

Support - Support Cost Element Category Cost																			
OPS INTEGRATION/ TEST/TURNOVER SUPPORT		-	-	-	-	-	4.400	-	-	-	-	-	-	-	-	-	-	-	-
SYSTEMS ENGINEERING AND INTEGRATION		-	-	-	-	-	17.100	-	-	18.158	-	-	19.000	-	-	-	-	-	19.000
PROGRAM MANAGEMENT ADMINISTRATION		-	-	-	-	-	2.500	-	-	4.330	-	-	2.609	-	-	-	-	-	2.609
FFRDC PROJECT ENGINEERING SUPPORT		-	-	-	-	-	11.753	-	-	12.105	-	-	12.709	-	-	-	-	-	12.709
INFORMATION ASSURANCE		-	-	-	-	-	3.165	-	-	4.853	-	-	5.000	-	-	-	-	-	5.000

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Exhibit P-5, Cost Analysis: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6							P-1 Line Item Number / Title: 836770 / Spacelift Range System Space							Item Number / Title [DODIC]: - / SLRS SUSTAINMENT					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Subtotal: Support - Support Cost Element Category Cost		-	-	0.000	-	-	38.918	-	-	39.446	-	-	39.318	-	-	-	-	-	39.318
Gross/Weapon System Cost		-	-	0.000	-	-	44.581	-	-	49.104	-	-	47.436	-	-	-	-	-	47.436

Remarks:

- Unit quantities and costs vary widely for multiple types and configurations of equipment being procured under modernization and sustainment project cost elements each fiscal year.

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6					P-1 Line Item Number / Title: 836770 / Spacelift Range System Space										Aggregated Modification Items Title: SPACELIFT RANGE SYSTEM SPACE				

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1 / Modernization of Eastern Range Network (MEN)			-	-	39.800	-	-	-	-	-	2.600	-	-	2.600	-	-	-	-	-	2.600
2 / Western Range Modernization of Network (WMN)			-	-	-	-	-	24.700	-	-	38.400	-	-	-	-	-	-	-	-	-
Total			-	-	39.800	-	-	24.700	-	-	41.000	-	-	2.600	-	-	-	-	-	2.600

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
1 / Modernization of Eastern Range Network (MEN)	Spacelift Range System Space	Capability Improvement
2 / Western Range Modernization of Network (WMN)	Spacelift Range System Space	Capability Improvement

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6		P-1 Line Item Number / Title: 836770 / Spacelift Range System Space			Modification Number / Title: 1 / Range Command Destruct Modernization (RCDM)	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	27.800	19.500	-	6.000	-	6.000
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	27.800	19.500	-	6.000	-	6.000
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	27.800	19.500	-	6.000	-	6.000
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:
 Range Command Destruct Modernization (RCDM): modernizes the Eastern and Western Range Command Destruct Systems. The Eastern Range Command Destruct will replace a sustainment "worst actor" that has been the cause of an expensive launch scrub as well as several near scrubs. In addition, the Eastern Range Command Destruct will provide the capability to use a new secure Command Destruct Code structure mandated by NSA for cyber security. The Western Range Command Destruct contract is needed for an equivalent upgrade to the Command Destruct Systems on the Western Range. The Air Force decided to award two separate contracts to ensure the Eastern Range Command Destruct contract meets the Eastern Range's more urgent need date. However, both contracts will use similar hardware and software.

Milestone/Development Status
 Pre-RFP

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6			P-1 Line Item Number / Title: 836770 / Spacelift Range System Space		Modification Number / Title: 1 / Range Command Destruct Modernization (RCDM)	
Models of Systems Affected: Spacelift Range System Space		Modification Type: Reliability & Maintainability			Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
Modification Item 1 of 1: Range Command Destruct Modernization (RCDM)						
B Kits						
Recurring						
Range Command Destruct Modernization (RCDM):EQUIPMENT Group B (Active)	1 / 27.800	1 / 19.500	1 / -	1 / 6.000	- / -	1 / 6.000
Subtotal: Recurring	- / 27.800	- / 19.500	- / -	- / 6.000	- / -	- / 6.000
Subtotal: Range Command Destruct Modernization (RCDM)	- / 27.800	- / 19.500	- / -	- / 6.000	- / -	- / 6.000
Subtotal: Procurement, All Modification Items	- / 27.800	- / 19.500	- / -	- / 6.000	- / -	- / 6.000
Installation						
Modification Item 1 of 1: Range Command Destruct Modernization (RCDM)	1 / 0.000	1 / -	1 / -	1 / -	- / -	1 / -
Subtotal: Installation	1 / -	1 / -	1 / -	1 / -	- / -	1 / -
Total						
Total Cost (Procurement + Support + Installation)	27.800	19.500	-	6.000	-	6.000

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836770 / Spacelift Range System Space				Modification Number / Title: 1 / Range Command Destruct Modernization (RCDM)					
Modification Item 1 of 1: Range Command Destruct Modernization (RCDM)													
Modification Item MDAP/MAIS Code:													
Manufacturer Information													
Manufacturer Name: Unknown					Manufacturer Location: Unknown								
Administrative Leadtime <i>(in Months)</i> : 0					Production Leadtime <i>(in Months)</i> : 0								
Dates		FY 2013			FY 2014			FY 2015					
Contract Dates													
Delivery Dates													
Installation Information													
Method of Implementation: Contract Field Team													
Installation Cost		Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	
		Qty <i>(Each)</i> / Total Cost <i>(\$ M)</i>		Qty <i>(Each)</i> / Total Cost <i>(\$ M)</i>		Qty <i>(Each)</i> / Total Cost <i>(\$ M)</i>		Qty <i>(Each)</i> / Total Cost <i>(\$ M)</i>		Qty <i>(Each)</i> / Total Cost <i>(\$ M)</i>		Qty <i>(Each)</i> / Total Cost <i>(\$ M)</i>	
Prior Years		1 / 0.000		- / -		- / -		- / -		- / -		- / -	
FY 2013		- / -		1 / -		- / -		- / -		- / -		- / -	
FY 2014		- / -		- / -		1 / -		- / -		- / -		- / -	
FY 2015		- / -		- / -		- / -		1 / -		- / -		1 / -	
Total		1 / 0.000		1 / -		1 / -		1 / -		- / -		1 / -	
Installation Schedule													
	PYS	FY 2013				FY 2014				FY 2015			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
In	1	-	-	-	1	-	-	-	1	-	-	-	1
Out	1	-	-	-	1	-	-	-	1	-	-	-	1

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6		P-1 Line Item Number / Title: 836770 / Spacelift Range System Space			Modification Number / Title: 2 / Spacelift Range System Recapitalization Projects	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	9.287	0.702	13.677	-	13.677
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	9.287	0.702	13.677	-	13.677
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	9.287	0.702	13.677	-	13.677
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:
 SLRS Recapitalization Projects: The Air Force will use various contract vehicles (LISC, GSA, Full & Open Competition) to address the highest priority unfunded upgrades as funding becomes available in execution (e.g. due to lower negotiated costs or reduced requirements on planned modernization). Obsolescence and sustainment "worst actors" in all twelve subsystems are prioritized annually in order of their criticality to the mission; priority is driven by likelihood of a launch delay/scrub.

Milestone/Development Status

 N/A

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6			P-1 Line Item Number / Title: 836770 / Spacelift Range System Space		Modification Number / Title: 2 / Spacelift Range System Recapitalization Projects	
Models of Systems Affected: Spacelift Range System Space		Modification Type: Reliability & Maintainability			Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
Modification Item 1 of 1: Spacelift Range System Recapitalization Projects						
B Kits						
Recurring						
Spacelift Range System Recapitalization Projects:EQUIPMENT Group B (Active)	1 / 0.000	1 / 9.287	1 / 0.702	1 / 13.677	- / -	1 / 13.677
Subtotal: Recurring	- / 0.000	- / 9.287	- / 0.702	- / 13.677	- / -	- / 13.677
Subtotal: Spacelift Range System Recapitalization Projects	- / 0.000	- / 9.287	- / 0.702	- / 13.677	- / -	- / 13.677
Subtotal: Procurement, All Modification Items	- / 0.000	- / 9.287	- / 0.702	- / 13.677	- / -	- / 13.677
Installation						
Modification Item 1 of 1: Spacelift Range System Recapitalization Projects						
	1 / 0.000	1 / -	1 / -	1 / -	- / -	1 / -
Subtotal: Installation	1 / -	1 / -	1 / -	1 / -	- / -	1 / -
Total						
Total Cost (Procurement + Support + Installation)	0.000	9.287	0.702	13.677	-	13.677

UNCLASSIFIED

Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836770 / Spacelift Range System Space				Modification Number / Title: 2 / Spacelift Range System Recapitalization Projects					
Modification Item 1 of 1: Spacelift Range System Recapitalization Projects													
Modification Item MDAP/MAIS Code:													
Manufacturer Information													
Manufacturer Name: Unknown						Manufacturer Location: Unknown							
Administrative Leadtime (<i>in Months</i>): 0						Production Leadtime (<i>in Months</i>): 0							
Dates		FY 2013				FY 2014				FY 2015			
Contract Dates													
Delivery Dates													
Installation Information													
Method of Implementation: Contract Field Team													
Installation Cost		Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	
		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)	
Prior Years		1 / 0.000		- / -		- / -		- / -		- / -		- / -	
FY 2013		- / -		1 / -		- / -		- / -		- / -		- / -	
FY 2014		- / -		- / -		1 / -		- / -		- / -		- / -	
FY 2015		- / -		- / -		- / -		1 / -		- / -		1 / -	
Total		1 / 0.000		1 / -		1 / -		1 / -		- / -		1 / -	
Installation Schedule													
	PYS	FY 2013				FY 2014				FY 2015			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
In	1	-	-	-	1	-	-	-	1	-	-	-	1
Out	1	-	-	-	1	-	-	-	1	-	-	-	1

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 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

Line Item MDAP/MAIS Code: 199	Item MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	472.683	44.960	101.533	41.355	-	41.355	37.331	37.635	38.092	38.445	-	812.034
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	472.683	44.960	101.533	41.355	-	41.355	37.331	37.635	38.092	38.445	-	812.034
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	472.683	44.960	101.533	41.355	-	41.355	37.331	37.635	38.092	38.445	-	812.034

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

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

PE 0303601F MILSATCOM TERMINALS

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.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)	P-40a	A	-	-	32.902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - MODERNIZATION OF ENTERPRISE TERMINALS	P-40a	A	4.407	8	35.259	6.765	3	20.296	4.936	4	19.742	6.953	4	27.813	-	-	-	6.953	4	27.813
Item - AFWET UPGRADES	P-40a	A	-	-	67.034	-	-	3.278	-	-	7.371	-	-	7.046	-	-	-	-	-	7.046

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014						
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 Number / Title: 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							
Line Item MDAP/MAIS Code: 199				Item MDAP/MAIS Code(s):																
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA) - AFWET	P-40a	A	-	-	10.823	-	-	0.575	-	-	1.437	-	-	1.612	-	-	-	-	-	1.612
Item - PRODUCT SUPPORT	P-40a	A	-	-	0.908	-	-	1.309	-	-	1.309	-	-	1.334	-	-	-	-	-	1.334
Item - GBS RECEIVE SUITES	P-40a	A	0.250	249	62.275	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-
Item - GBS Receive Suites (OCO)	P-40a	A	0.314	7	2.200	-	-	-	0.114	50	5.695	-	-	-	-	-	-	-	-	-
Item - Joint IP Modem (PB)	P-40a	A	0.011	240	2.575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - GBS Rucksack Terminals	P-40a	A	0.073	140	10.154	0.120	4	0.480	0.120	1	0.120	0.120	1	0.120	-	-	-	0.120	1	0.120
Item - TRAINING, INTEGRATION, INSTALLATION, and Testing - GBS Receive Suites	P-40a	A	-	-	1.121	-	-	2.452	-	-	0.970	-	-	0.709	-	-	-	-	-	0.709
Item - SYSTEM ENGINEERING - GBS Receive Suites ⁽¹⁾	P-40a	A	-	-	7.697	-	-	4.467	-	-	0.712	-	-	0.600	-	-	-	-	-	0.600
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA) - GBS Receive Suites	P-40a	A	-	-	4.794	-	-	1.486	-	-	0.472	-	-	1.171	-	-	-	-	-	1.171
Item - DIRECT MISSION SUPPORT	P-40a	A	-	-	1.071	-	-	0.715	-	-	0.226	-	-	0.685	-	-	-	-	-	0.685
Item - Training - GBS Rucksacks	P-40a	A	-	-	0.275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - TERMINALS (AD)	P-40a	A	1.602	20	32.030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - TERMINALS (AFR)	P-40a	A	1.714	1	1.714	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - ANTENNAS (AD)	P-40a	A	0.714	67	47.840	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - ANTENNAS (ANG)	P-40a	A	0.700	40	28.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - ANTENNAS (AFR)	P-40a	A	0.826	4	3.302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - JIPM Modems	P-40a	A	0.037	63	2.342	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - GMT JIPM Modules	P-40a	A	0.397	120	47.581	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - SYSTEM ENGINEERING	P-40a	A	-	-	3.852	-	-	0.488	-	-	-	-	-	-	-	-	-	-	-	-
Item - Technical Data Package	P-40a	A	-	-	0.000	-	-	2.300	-	-	-	-	-	-	-	-	-	-	-	-

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014							
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 Number / Title: 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									
Line Item MDAP/MAIS Code: 199			Item MDAP/MAIS Code(s):																		
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA)	P-40a	A	-	-	8.765	-	-	0.886	-	-	-	-	-	-	-	-	-	-	-	-	
Item - SYSTEM ENGINEERING AND INTEGRATION - GBS Transmit Strings	P-40a	A	-	-	0.949	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - TELEPORT INTEGRATION - GBS Transmit Strings	P-40a	A	-	-	2.375	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - FAB-T TERMINALS (AD)	P-40a	A	-	-	27.703	-	-	-	-	-	57.903	-	-	-	-	-	-	-	-	-	
Item - SYSTEM ENGINEERING - FAB-T	P-40a	A	-	-	5.268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA) - FAB-T INC 1	P-40a	A	-	-	1.975	-	-	-	-	-	5.000	-	-	-	-	-	-	-	-	-	
Item - PRODUCTION PLANNING	P-40a	A	-	-	0.000	-	-	4.723	-	-	-	-	-	-	-	-	-	-	-	-	
Item - HDR-RF MODULES	P-40a	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - HDR-RF GROUND TERMINALS ⁽²⁾	P-40a	A	2.449	3	7.346	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - Q-LAA ANTENNAS	P-40a	A	0.665	8	5.319	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - SYSTEM ENGINEERING - HDR-RF	P-40a	A	-	-	3.120	-	-	0.951	-	-	-	-	-	-	-	-	-	-	-	-	
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA) - HDR-RF	P-40a	A	-	-	4.114	-	-	0.295	-	-	0.315	-	-	-	-	-	-	-	-	-	
Item - CCS-C	P-40a	A	-	-	0.000	-	-	0.259	-	-	0.261	-	-	0.265	-	-	-	-	-	0.265	
Total Gross/Weapon System Cost			-	-	472.683	-	-	44.960	-	-	101.533	-	-	41.355	-	-	-	-	-	41.355	
Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	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)	
Item - Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.902	
Item - MODERNIZATION OF ENTERPRISE TERMINALS	P-40a	A	5.859	4	23.434	5.867	4	23.468	12.069	2	24.137	-	-	24.880	-	-	-	6.863	29	199.029	

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014						
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 Number / Title: 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							
Line Item MDAP/MAIS Code: 199			Item MDAP/MAIS Code(s):																	
Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
Item - AFWET UPGRADES	P-40a	A	-	-	7.430	-	-	7.667	-	-	7.927	-	-	8.162	-	-	-	-	-	115.915
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA) - AFWET	P-40a	A																		
			-	-	1.525	-	-	1.545	-	-	1.296	-	-	0.912	-	-	-	-	-	19.725
Item - PRODUCT SUPPORT	P-40a	A	-	-	1.360	-	-	1.385	-	-	1.412	-	-	1.439	-	-	-	-	-	10.456
Item - GBS RECEIVE SUITES	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.248	251	62.275
Item - GBS Receive Suites (OCO)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.139	57	7.895
Item - Joint IP Modem (PB)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011	240	2.575
Item - GBS Rucksack Terminals	P-40a	A	0.120	1	0.120	0.120	1	0.120	0.120	1	0.120	0.120	1	0.120	-	-	-	0.076	150	11.354
Item - TRAINING, INTEGRATION, INSTALLATION, and Testing - GBS Receive Suites	P-40a	A																		
			-	-	0.729	-	-	0.711	-	-	0.584	-	-	0.447	-	-	-	-	-	7.723
Item - SYSTEM ENGINEERING - GBS Receive Suites ⁽¹⁾	P-40a	A																		
			-	-	0.600	-	-	0.600	-	-	0.600	-	-	0.700	-	-	-	-	-	15.976
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA) - GBS Receive Suites	P-40a	A																		
			-	-	1.177	-	-	1.178	-	-	1.178	-	-	1.179	-	-	-	-	-	12.635
Item - DIRECT MISSION SUPPORT	P-40a	A	-	-	0.685	-	-	0.685	-	-	0.558	-	-	0.321	-	-	-	-	-	4.946
Item - Training - GBS Rucksacks	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.275
Item - TERMINALS (AD)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.602	20	32.030
Item - TERMINALS (AFR)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.714	1	1.714
Item - ANTENNAS (AD)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.714	67	47.840
Item - ANTENNAS (ANG)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.700	40	28.000
Item - ANTENNAS (AFR)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.826	4	3.302
Item - JIPM Modems	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.037	63	2.342
Item - GMT JIPM Modules	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.397	120	47.581
Item - SYSTEM ENGINEERING	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.340
Item - Technical Data Package	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.300

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
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 Number / Title: 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									
Line Item MDAP/MAIS Code: 199				Item MDAP/MAIS Code(s):																	
Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.651	
Item - SYSTEM ENGINEERING AND INTEGRATION - GBS Transmit Strings	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.949	
Item - TELEPORT INTEGRATION - GBS Transmit Strings	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.375	
Item - FAB-T TERMINALS (AD)	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85.606	
Item - SYSTEM ENGINEERING - FAB-T	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.268	
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA) - FAB-T INC 1	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.975	
Item - PRODUCTION PLANNING	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.723	
Item - HDR-RF MODULES	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - HDR-RF GROUND TERMINALS ⁽²⁾	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.449	3	7.346	
Item - Q-LAA ANTENNAS	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.665	8	5.319	
Item - SYSTEM ENGINEERING - HDR-RF	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.071	
Item - PROGRAM MANAGEMENT ADMINISTRATION (PMA) - HDR-RF	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.724	
Item - CCS-C	P-40a	A	-	-	0.271	-	-	0.276	-	-	0.280	-	-	0.285	-	-	-	-	-	1.897	
Total Gross/Weapon System Cost			-	-	37.331	-	-	37.635	-	-	38.092	-	-	38.445	-	-	-	-	-	812.034	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0303601F MILSATCOM TERMINALS																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 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
Line Item MDAP/MAIS Code: 199	Item MDAP/MAIS Code(s):	
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 leveraged an Army contract to upgrade the SMART-T Terminals to be compatible with the AEHF satellite system. No FY15 funding requested.		
AIR FORCE WIDEBAND ENTERPRISE TERMINALS (AFWET): AFWET terminals form the Military Satellite Communications (MILSATCOM) backbone of the DoD Information Network (DoDIN), 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 modifications and life exections to baseband equipment, interconnect facilities, radomes, and antennas for selected locations that form part of the enterprise terminal ground segment. AFWET funding includes program management administration (PMA), Product Support, and other related activities worldwide to ensure operational viability in accordance with the Joint Staff and Defense Information Systems Agency (DISA) directives. In FY15, the Air Force will procure and install 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, installation and integration, site preparation, and facilities. 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), adherence to Unified Capabilities Requirements, compliance with NSA directives on cryptographic equipment, and more efficient and effective usage of satellite resources for jam-resistant, secure,and anti-scintillation wideband links.		
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 provides DoD some relief from reliance on 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, FY15 funds will fund training, integration and installation, technical manual updates, spares, systems engineering, test, PMA, upgrades, and other related activities.		
a. GBS RECEIVE SUITES: The receive suites link users to information sources via GBS, offering worldwide service.		
b. JOINT Internet Protocol (IP) MODEM:		
c. GBS RUCKSACK/SUITCASE TERMINALS: These are man portable and suitcase variants of the GBS terminals required by Special Operations Forces in forward operating areas.		
d. GBS Broadcast Manager Upgrade: This is to 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.		
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. No FY15 funding requested.		
MILSATCOM SUSTAINMENT MODIFICATIONS: Provides minor modifications for MILSATCOM systems currently in sustainment and those currently fielding. Funding FY15 continues sustainment for MPE 0303605F SATELLITE COMMUNICATIONS (SATCOM) O&M		
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. Funding in FY15 will continue program office support and production activities including low rate initial production. Quantities, unit cost, and To Complete estimate are not available due to ongoing source selection activities. Information will be available after the downselect decision scheduled for 2QFY14 and completion of the OSD Cost Assessment and Program Evaluation (CAPE) Independent Cost Estimate (ICE).		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 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
Line Item MDAP/MAIS Code: 199	Item MDAP/MAIS Code(s):	
HIGH DATA RATE-RADIO FREQUENCY (HDR-RF): The 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 & 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. No FY15 funding requested Footnotes: (1) System engineering, program and training support in FY 13+ support both GBS Receive Suites, Rucksack Terminals, and Broadcast Manager Upgrades. (2) Funding is procuring 3 GMT Terminals to support the HDR-RF program		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6						P-1 Line Item Number / Title: 836780 / Milsatcom Space									Aggregated Items Title: Milsatcom Space					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Subtotal Support: Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)																				
Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)	A		-	-	32.902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Subtotal Support: Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)			-	-	32.902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Hardware Recurring: AF Wideband Enterprise Terminal (AFWET)																				
MODERNIZATION OF ENTERPRISE TERMINALS	A		4.407	8	35.259	6.765	3	20.296	4.936	4	19.742	6.953	4	27.813	-	-	-	6.953	4	27.813
AFWET UPGRADES	A		-	-	67.034	-	-	3.278	-	-	7.371	-	-	7.046	-	-	-	-	-	7.046
Subtotal: Subtotal Hardware Recurring: AF Wideband Enterprise Terminal (AFWET)			-	-	102.293	-	-	23.574	-	-	27.113	-	-	34.859	-	-	-	-	-	34.859
Subtotal Support: AF Wideband Enterprise Terminal (AFWET)																				
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - AFWET	A		-	-	10.823	-	-	0.575	-	-	1.437	-	-	1.612	-	-	-	-	-	1.612
PRODUCT SUPPORT	A		-	-	0.908	-	-	1.309	-	-	1.309	-	-	1.334	-	-	-	-	-	1.334
Subtotal: Subtotal Support: AF Wideband Enterprise Terminal (AFWET)			-	-	11.731	-	-	1.884	-	-	2.746	-	-	2.946	-	-	-	-	-	2.946
Subtotal Hardware Recurring: Global Broadcast Service (GBS)																				
GBS RECEIVE SUITES	A		0.250	249	62.275	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-
GBS Receive Suites (OCO)	A		0.314	7	2.200	-	-	-	0.114	50	5.695	-	-	-	-	-	-	-	-	-
Joint IP Modem (PB)	A		0.011	240	2.575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GBS Rucksack Terminals	A		0.073	140	10.154	0.120	4	0.480	0.120	1	0.120	0.120	1	0.120	-	-	-	0.120	1	0.120
Subtotal: Subtotal Hardware Recurring: Global Broadcast Service (GBS)			-	-	77.204	-	-	0.480	-	-	5.815	-	-	0.120	-	-	-	-	-	0.120
Subtotal Support: Global Broadcast Service (GBS)																				
TRAINING, INTEGRATION, INSTALLATION, and Testing - GBS Receive Suites	A		-	-	1.121	-	-	2.452	-	-	0.970	-	-	0.709	-	-	-	-	-	0.709

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836780 / Milsatcom Space								Aggregated Items Title: Milsatcom Space				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
SYSTEM ENGINEERING - GBS Receive Suites ⁽¹⁾	A		-	-	7.697	-	-	4.467	-	-	0.712	-	-	0.600	-	-	-	-	-	0.600
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - GBS Receive Suites	A		-	-	4.794	-	-	1.486	-	-	0.472	-	-	1.171	-	-	-	-	-	1.171
DIRECT MISSION SUPPORT	A		-	-	1.071	-	-	0.715	-	-	0.226	-	-	0.685	-	-	-	-	-	0.685
Training - GBS Rucksacks	A		-	-	0.275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal Support: Global Broadcast Service (GBS)</i>			-	-	14.958	-	-	9.120	-	-	2.380	-	-	3.165	-	-	-	-	-	3.165
Subtotal Hardware Recurring: Ground Multiband Terminals (GMT)																				
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal Hardware Recurring: Ground Multiband Terminals (GMT)</i>			-	-	162.809	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Support: Ground Multiband Terminals (GMT)																				
SYSTEM ENGINEERING	A		-	-	3.852	-	-	0.488	-	-	-	-	-	-	-	-	-	-	-	-
Technical Data Package	A		-	-	0.000	-	-	2.300	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM MANAGEMENT ADMINISTRATION (PMA)	A		-	-	8.765	-	-	0.886	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal Support: Ground Multiband Terminals (GMT)</i>			-	-	12.617	-	-	3.674	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Support: GBS Transmit Strings (PE 33600F)																				
SYSTEM ENGINEERING AND INTEGRATION - GBS Transmit Strings	A		-	-	0.949	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836780 / Milsatcom Space								Aggregated Items Title: Milsatcom Space				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
TELEPORT INTEGRATION - GBS Transmit Strings	A		-	-	2.375	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal Support: GBS Transmit Strings (PE 33600F)</i>			-	-	3.324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Hardware Recurring: FAB-T																				
FAB-T TERMINALS (AD)	A		-	-	27.703	-	-	-	-	-	57.903	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal Hardware Recurring: FAB-T</i>			-	-	27.703	-	-	-	-	-	57.903	-	-	-	-	-	-	-	-	-
Subtotal Support: FAB-T																				
SYSTEM ENGINEERING - FAB-T	A		-	-	5.268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - FAB-T INC 1	A		-	-	1.975	-	-	-	-	-	5.000	-	-	-	-	-	-	-	-	-
PRODUCTION PLANNING	A		-	-	0.000	-	-	4.723	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal Support: FAB-T</i>			-	-	7.243	-	-	4.723	-	-	5.000	-	-	-	-	-	-	-	-	-
Subtotal Hardware Recurring: HDR-RF																				
HDR-RF MODULES	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HDR-RF GROUND TERMINALS ⁽²⁾	A		2.449	3	7.346	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q-LAA ANTENNAS	A		0.665	8	5.319	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal Hardware Recurring: HDR-RF</i>			-	-	12.665	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Support: HDR-RF																				
SYSTEM ENGINEERING - HDR-RF	A		-	-	3.120	-	-	0.951	-	-	-	-	-	-	-	-	-	-	-	-
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - HDR-RF	A		-	-	4.114	-	-	0.295	-	-	0.315	-	-	-	-	-	-	-	-	-
<i>Subtotal: Subtotal Support: HDR-RF</i>			-	-	7.234	-	-	1.246	-	-	0.315	-	-	-	-	-	-	-	-	-
Total			-	-	472.683	-	-	44.701	-	-	101.272	-	-	41.090	-	-	-	-	-	41.090

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6									P-1 Line Item Number / Title: 836780 / Milsatcom Space						Aggregated Items Title: Milsatcom Space					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
Subtotal Support: Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)																				
Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.902
Subtotal: Subtotal Support: Secure Mobile Anti-jam Reliable Tactical Terminal (SMART-T)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.902
Subtotal Hardware Recurring: AF Wideband Enterprise Terminal (AFWET)																				
MODERNIZATION OF ENTERPRISE TERMINALS	A		5.859	4	23.434	5.867	4	23.468	12.069	2	24.137	-	-	24.880	-	-	-	6.863	29	199.029
AFWET UPGRADES	A		-	-	7.430	-	-	7.667	-	-	7.927	-	-	8.162	-	-	-	-	-	115.915
Subtotal: Subtotal Hardware Recurring: AF Wideband Enterprise Terminal (AFWET)			-	-	30.864	-	-	31.135	-	-	32.064	-	-	33.042	-	-	-	-	-	314.944
Subtotal Support: AF Wideband Enterprise Terminal (AFWET)																				
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - AFWET	A		-	-	1.525	-	-	1.545	-	-	1.296	-	-	0.912	-	-	-	-	-	19.725
PRODUCT SUPPORT	A		-	-	1.360	-	-	1.385	-	-	1.412	-	-	1.439	-	-	-	-	-	10.456
Subtotal: Subtotal Support: AF Wideband Enterprise Terminal (AFWET)			-	-	2.885	-	-	2.930	-	-	2.708	-	-	2.351	-	-	-	-	-	30.181
Subtotal Hardware Recurring: Global Broadcast Service (GBS)																				
GBS RECEIVE SUITES	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.248	251	62.275
GBS Receive Suites (OCO)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.139	57	7.895
Joint IP Modem (PB)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.011	240	2.575
GBS Rucksack Terminals	A		0.120	1	0.120	0.120	1	0.120	0.120	1	0.120	0.120	1	0.120	-	-	-	0.076	150	11.354
Subtotal: Subtotal Hardware Recurring: Global Broadcast Service (GBS)			-	-	0.120	-	-	0.120	-	-	0.120	-	-	0.120	-	-	-	-	-	84.099
Subtotal Support: Global Broadcast Service (GBS)																				
TRAINING, INTEGRATION, INSTALLATION, and Testing - GBS Receive Suites	A		-	-	0.729	-	-	0.711	-	-	0.584	-	-	0.447	-	-	-	-	-	7.723

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836780 / Milsatcom Space								Aggregated Items Title: Milsatcom Space				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
SYSTEM ENGINEERING - GBS Receive Suites ⁽¹⁾	A		-	-	0.600	-	-	0.600	-	-	0.600	-	-	0.700	-	-	-	-	-	15.976
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - GBS Receive Suites	A		-	-	1.177	-	-	1.178	-	-	1.178	-	-	1.179	-	-	-	-	-	12.635
DIRECT MISSION SUPPORT	A		-	-	0.685	-	-	0.685	-	-	0.558	-	-	0.321	-	-	-	-	-	4.946
Training - GBS Rucksacks	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.275
<i>Subtotal: Subtotal Support: Global Broadcast Service (GBS)</i>			-	-	3.191	-	-	3.174	-	-	2.920	-	-	2.647	-	-	-	-	-	41.555
Subtotal Hardware Recurring: Ground Multiband Terminals (GMT)																				
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
<i>Subtotal: Subtotal Hardware Recurring: Ground Multiband Terminals (GMT)</i>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	162.809
Subtotal Support: Ground Multiband Terminals (GMT)																				
SYSTEM ENGINEERING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.340
Technical Data Package	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.300
PROGRAM MANAGEMENT ADMINISTRATION (PMA)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.651
<i>Subtotal: Subtotal Support: Ground Multiband Terminals (GMT)</i>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.291
Subtotal Support: GBS Transmit Strings (PE 33600F)																				
SYSTEM ENGINEERING AND INTEGRATION - GBS Transmit Strings	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.949

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836780 / Milsatcom Space								Aggregated Items Title: Milsatcom Space				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
TELEPORT INTEGRATION - GBS Transmit Strings	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.375
<i>Subtotal: Subtotal Support: GBS Transmit Strings (PE 33600F)</i>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.324
Subtotal Hardware Recurring: FAB-T																				
FAB-T TERMINALS (AD)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85.606
<i>Subtotal: Subtotal Hardware Recurring: FAB-T</i>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85.606
Subtotal Support: FAB-T																				
SYSTEM ENGINEERING - FAB-T	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.268
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - FAB-T INC 1	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.975
PRODUCTION PLANNING	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.723
<i>Subtotal: Subtotal Support: FAB-T</i>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.966
Subtotal Hardware Recurring: HDR-RF																				
HDR-RF MODULES	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HDR-RF GROUND TERMINALS ⁽²⁾	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.449	3	7.346
Q-LAA ANTENNAS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.665	8	5.319
<i>Subtotal: Subtotal Hardware Recurring: HDR-RF</i>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.665
Subtotal Support: HDR-RF																				
SYSTEM ENGINEERING - HDR-RF	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.071
PROGRAM MANAGEMENT ADMINISTRATION (PMA) - HDR-RF	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.724
<i>Subtotal: Subtotal Support: HDR-RF</i>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.795
Total			-	-	37.060	-	-	37.359	-	-	37.812	-	-	38.160	-	-	-	-	-	810.137

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6	P-1 Line Item Number / Title: 836780 / Milsatcom Space	Aggregated Items Title: Milsatcom Space
Remarks: FAB-T quantities for FY14 and beyond are dependent on the ongoing production source selection (downselect scheduled 2QFY14). FY14: GBS has \$5.695M in OCO funding		
Footnotes: (1) System engineering, program and training support in FY 13+ support both GBS Receive Suites, Rucksack Terminals, and Broadcast Manager Upgrades. (2) Funding is procuring 3 GMT Terminals to support the HDR-RF program		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6					P-1 Line Item Number / Title: 836780 / Milsatcom Space										Aggregated Items Title: Milsatcom Space					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
CCS-C	A		-	-	0.000	-	-	0.259	-	-	0.261	-	-	0.265	-	-	-	-	-	0.265
Subtotal: Uncategorized			-	-	0.000	-	-	0.259	-	-	0.261	-	-	0.265	-	-	-	-	-	0.265
Total			-	-	0.000	-	-	0.259	-	-	0.261	-	-	0.265	-	-	-	-	-	0.265

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6					P-1 Line Item Number / Title: 836780 / Milsatcom Space										Aggregated Items Title: Milsatcom Space					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
Uncategorized																				
CCS-C	A		-	-	0.271	-	-	0.276	-	-	0.280	-	-	0.285	-	-	-	-	-	1.897
Subtotal: Uncategorized			-	-	0.271	-	-	0.276	-	-	0.280	-	-	0.285	-	-	-	-	-	1.897
Total			-	-	0.271	-	-	0.276	-	-	0.280	-	-	0.285	-	-	-	-	-	1.897

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
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 Number / Title: 836790 / Space Mods Space						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items: 0305165F, 0305940F				Other Related Program Elements: 0305165F, 0305614F, 0305940F					
Line Item MDAP/MAIS Code: 166		Item MDAP/MAIS Code(s):										
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	46.026	32.364	31.722	-	31.722	32.141	21.425	29.118	29.823	-	222.619
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	46.026	32.364	31.722	-	31.722	32.141	21.425	29.118	29.823	-	222.619
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	46.026	32.364	31.722	-	31.722	32.141	21.425	29.118	29.823	-	222.619
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: Space Mods Space enables the development of advanced Command and Control (C2) Battle Management, Intelligence Surveillance and Reconnaissance (ISR), and Command, Control, Communications, Computers, and Intelligence (C4I) systems to conduct effective predictive battle space awareness, facilitate precision attack, and compress the sensor-to-shooter kill chain. Permanent modifications are configuration changes to in-service systems and equipment that correct materiel or other deficiencies, or that add or delete capability. Safety modifications correct deficiencies that produce hazards to personnel, systems, or equipment. This budget line covers both new and on-going modification efforts for space equipment and systems. Modification installation funding is budgeted in the year the installation occurs. PE 0305160F DEF METEOROLOGICAL SAT PROG (SPACE) The DEFENSE METEOROLOGICAL SATELLITE PROGRAM (DMSP) is a fully operational program supporting a broad range of national security users who require timely and accurate global weather information. DMSP is DoD's only assured source of global weather data providing visible and infrared cloud cover imagery (1/3 nautical miles (nm) constant resolution) and other meteorological, oceanographic, land surface, and space environmental data. DMSP satellites are flown in sun-synchronous, 450nm polar-orbits to meet mission requirements (sun-synchronous means the satellites cross the equator at the same local sun time on each of their 14 orbits/day). Key elements of the DMSP constellation's command and control (C2) ground system have not been re-capitalized since the equipment was transferred to the National Oceanic and Atmospheric Administration's Office of Satellite Operations in 1998. Critical C2 component spares have been depleted and parts cannibalization is no longer sustainable. Therefore, DMSP is re-establishing a 3080 funding line beginning in FY15 to enable continued C2 ground segment sustainment through a selective re-capitalization effort. Specific C2 subsystems to be addressed include the Telemetry and Commanding System (TCS), Flight Configuration Management (FCM) Alpha Stations, Mission Planning and Scheduling System (MPSS), and Antenna Interface Units (AIUs). This selective re-capitalization effort is intended to ensure the DMSP C2 system remains viable through the planned DMSP mission fly-out no later than 2027. PE 0305165F NAVSTAR GPS (SPACE AND CONTROL SEGMENTS) NAVSTAR GLOBAL POSITIONING SYSTEM (GPS) provides highly accurate time and three dimensional position and velocity information to an unlimited number of users anywhere on or above the surface of the earth, in any weather. This system supplies highly accurate position, velocity, timing, and Nuclear Detonation (NUDET) Detection System (NDS) information to properly equipped air, land, sea, and space-based users worldwide. The GPS system consists of three segments: space, control, and user equipment. The Operational Control System (OCS) is part of the control segment and requires modifications to												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force															Date: March 2014						
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 Number / Title: 836790 / Space Mods Space											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items: 0305165F, 0305940F						Other Related Program Elements: 0305165F, 0305614F, 0305940F									
Line Item MDAP/MAIS Code: 166			Item MDAP/MAIS Code(s):																		
replace high failure rate parts and preclude system operational degradation. Without these mods, aging and obsolete equipment will excessively degrade, ultimately resulting in system failure. System failure or even partial system failure will cause a loss of operational availability and the transmission of inaccurate navigation data to worldwide users, resulting in potential loss of life and/or operational equipment, including multi-million dollar satellites. OCS is required to operate until the Next Generation Operational Control System (OCX) transitions to operations. PE 0305614F JSPOC MISSION SYSTEM JOINT SPACE OPERATIONS CENTER (JSpOC) Mission System (JMS) provides integrated space situational awareness information and C2 of space forces for the Joint Functional Component Commander for Space (JFCC-SPACE). It will allow JFCC-SPACE to plan, direct, coordinate, and control operations of assigned forces. The JMS provides a net-centric, Services Oriented Architecture (SOA) along with space mission applications to meet the needs above. It implements a Space User Defined Operational Picture (UDOP) to provide the capability to create, visualize, and share decision-relevant views of space operational environment at all echelons. PE 0305912F SLBM RADAR WARNING SYSTEM SEA-LAUNCHED BALLISTIC MISSILE (SLBM) DETECTION AND WARNING SYSTEM: The primary mission of the 474N SLBM Detection and Warning System is to provide United States Strategic Command (USSTRATCOM) with credible Integrated Tactical Warning/Attack Assessment (ITW/AA) data on all SLBMs penetrating the coverage area. This data includes an estimation of launch and predicted impact (L&PI) locations and times. The secondary mission is to provide the Cheyenne Mountain Air Force Station, CO (CMAFS) and other users with ITW/AA data on Intercontinental Ballistic Missiles (ICBMs) penetrating the coverage area. Additionally, Perimeter Acquisition Radar Attack Characterization System (PARCS) and PAVE Phased Array Warning Systems (PAVE PAWS) support the Space Situational Awareness (SSA) mission by providing near earth satellite surveillance, tracking and identification as required by the Space Control Center, Alternate Space Control Center, and the Joint Intelligence Center. The sensors have an operational availability requirement of 98 percent. The 474N SLBM Detection and Warning System currently consists of: a) the AN/FPQ-16 PARCS and b) the AN/FPS-123 PAVE PAWS System (Phased Array Radars for SLBM Detection and Warning System). PE 0305940F SPACE SITUATIONAL AWARENESS OPERATIONS GROUND-BASED ELECTRO OPTICAL DEEP SPACE SURVEILLANCE (GEODSS) SERVICE LIFE EXTENSION PROGRAM (SLEP): The GEODSS SLEP will replace aging unsupportable mission critical sub-systems with modern sustainable components, allowing continued mission operations through 2025. GEODSS is a three-site optical telescope system dedicated to the Space Surveillance Network (SSN). The GEODSS sites, located in Socorro, New Mexico; Maui, Hawaii; and Diego Garcia (British Indian Ocean Territories), provide time critical deep-space tracking information for the Joint Space Operations Center (JSpOC). The GEODSS SLEP will modernize the Sensor Controller, Data Processing, and other unsustainable subsystems as required for all sites. The program will replace the obsolete, diminishing supportable components of the GEODSS Sensor Controller Group (SCG) with sustainable hardware/software technology. FY15 funds will be used to acquire, install, and test mod kits for Site 2 and 3. NET-CENTRIC SENSORS AND DATA SOURCES (N-CSDS): The N-CSDS program, through net-centric exposure, provides data from traditional Space Surveillance Network (SSN) sensors and non-traditional space situational awareness sensors, and data sources. It enables legacy sensors and data sources to distribute information net-centrally while also providing additional data. RDT&E funding for this effort is in PE 0604425F.																					
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - Telemetry and Commanding System	P-40a	B	-	-	0.000	-	-	-	-	-	-	-	-	2.181	-	-	-	-	-	2.181	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force															Date: March 2014					
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 Number / Title: 836790 / Space Mods Space										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items: 0305165F, 0305940F						Other Related Program Elements: 0305165F, 0305614F, 0305940F								
Line Item MDAP/MAIS Code: 166			Item MDAP/MAIS Code(s):																	
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Mission Plan/Schedule	P-40a	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - Communications	P-40a	B	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - Joint Space Operations Center Mission System	P-40a	A																		
			-	-	-	-	-	1.051	-	-	0.867	-	-	-	-	-	-	-	-	-
Item - 1 / P-3A HEMP	P-40a		-	-	-	-	-	-	-	-	9.579	-	-	-	-	-	-	-	-	-
Item - 2 / P-3A PARCS DDG 2	P-40a		-	-	-	-	-	0.308	-	-	0.308	-	-	4.684	-	-	-	-	-	4.684
Item - 3 / P-3A PARCS MDP/ MDSS Replacement	P-40a		-	-	-	-	-	-	-	-	7.050	-	-	-	-	-	-	-	-	-
Item - 4 / P-3A PARCS PAR/ SS	P-40a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - 5 / PAVE PAWS DP/ SP	P-40a		-	-	-	-	-	1.900	-	-	0.750	-	-	-	-	-	-	-	-	-
P-3a - 1 / PAVE PAWS Front End	P-3a		-	-	-	-	-	-	-	-	-	-	-	4.500	-	-	-	-	-	4.500
Item - CAPE COD EARLY WARNING RADAR	P-40a	A	-	-	-	-	-	27.894	-	-	-	-	-	-	-	-	-	-	-	-
Item - Net-Centric Sensors and Data Sources (N-CSDS) {PE 0305940F}	P-40a	A	-	-	-	4.300	1	4.300	4.036	1	4.036	4.577	1	4.577	-	-	-	4.577	1	4.577
Item - 1 / P-3A GEODSS	P-40a		-	-	-	-	-	3.391	-	-	-	-	-	3.124	-	-	-	-	-	3.124
P-3a - 1 / NAVSTAR GPS-OCS COTS UPGRADE	P-3a		-	-	-	-	-	7.182	-	-	9.774	-	-	12.656	-	-	-	-	-	12.656
Total Gross/Weapon System Cost			-	-	0.000	-	-	46.026	-	-	32.364	-	-	31.722	-	-	-	-	-	31.722
Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
Item - Telemetry and Commanding System	P-40a	B	-	-	1.088	-	-	0.762	-	-	-	-	-	-	-	-	-	-	-	4.031
Item - Mission Plan/Schedule	P-40a	B	-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.100
Item - Communications	P-40a	B	-	-	-	-	-	0.770	-	-	1.094	-	-	1.094	-	-	-	-	-	2.958
Item - Joint Space Operations Center Mission System	P-40a	A																		
			-	-	-	-	-	-	-	-	12.034	-	-	12.453	-	-	-	-	-	26.405
Item - 1 / P-3A HEMP	P-40a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.579
Item - 2 / P-3A PARCS DDG 2	P-40a		-	-	4.814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.114

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
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 Number / Title: 836790 / Space Mods Space									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items: 0305165F, 0305940F						Other Related Program Elements: 0305165F, 0305614F, 0305940F									
Line Item MDAP/MAIS Code: 166				Item MDAP/MAIS Code(s):																	
Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Item - 3 / P-3A PARCS MDP/ MDSS Replacement	P-40a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.050	
Item - 4 / P-3A PARCS PAR/ SS	P-40a		-	-	-	-	-	8.014	-	-	8.155	-	-	8.301	-	-	-	-	-	24.470	
Item - 5 / PAVE PAWS DP/ SP	P-40a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.650	
P-3a - 1 / PAVE PAWS Front End	P-3a		-	-	4.626	-	-	7.700	-	-	7.835	-	-	7.975	-	-	-	-	-	32.636	
Item - CAPE COD EARLY WARNING RADAR	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.894	
Item - Net-Centric Sensors and Data Sources (N-CSDS) {PE 0305940F}	P-40a	A	4.572	1	4.572	-	-	-	-	-	-	-	-	-	-	-	-	4.371	4	17.485	
Item - 1 / P-3A GEODSS	P-40a		-	-	3.981	-	-	2.189	-	-	-	-	-	-	-	-	-	-	-	12.685	
P-3a - 1 / NAVSTAR GPS-OCS COTS UPGRADE	P-3a		-	-	11.960	-	-	1.990	-	-	-	-	-	-	-	-	-	-	-	43.562	
Total Gross/Weapon System Cost			-	-	32.141	-	-	21.425	-	-	29.118	-	-	29.823	-	-	-	-	-	222.619	
*For Items, Title represents the Item Number / Title [DODIC]. For the P-3a, Title represents the Modification Number / Title.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0305160F DEF METEOROLOGICAL SAT PROG (SPACE) FY15 funds replace obsolete DEC Alpha processors with modern HP Itanium platforms to improve Telemetry and Commanding System reliability and sustainability PE 0305165F NAVSTAR GPS (SPACE AND CONTROL SEGMENTS) FY15 GPS OCS COTS Upgrade: FY15 funding procures GPS Architecture Evolution Plan (AEP) and Launch Anomaly Resolution and Disposal Operations (LADO) commercial equipment that has become obsolete/unsupportable or requires upgrades. Funding will procure equipment for the OCS ground sites including the Master Control Station (MCS), Alternate Master Control Station (AMCS), four Ground Antennas (GAs), six Monitor Stations (MSs), a contractor lab facility, and the Telecommunications Simulator Test Set (TSTS). Modifications include required procurement, nonrecurring engineering, installation, testing, configuration management, security, quality assurance and technical documentation. Funding sustains OCS until OCX transitions to operations. PE 0305614F JSPOC MISSION SYSTEM Where applicable, justification for individual modifications is provided in the P-3A exhibits. PE 0305912F SLBM RADAR WARNING SYSTEM																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force			Date: March 2014
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 Number / Title: 836790 / Space Mods Space	
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0305165F, 0305940F		Other Related Program Elements: 0305165F, 0305614F, 0305940F
Line Item MDAP/MAIS Code: 166	Item MDAP/MAIS Code(s):		

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

PE 0305940F SPACE SITUATIONAL AWARENESS OPERATIONS

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

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6					P-1 Line Item Number / Title: 836790 / Space Mods Space										Aggregated Items Title: Space Mods Space					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Subtotal																				
Telemetry and Commanding System	B		-	-	0.000	-	-	-	-	-	-	-	-	2.181	-	-	-	-	-	2.181
Mission Plan/ Schedule	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Communications	B		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Subtotal			-	-	0.000	-	-	-	-	-	-	-	-	2.181	-	-	-	-	-	2.181
Total			-	-	0.000	-	-	-	-	-	-	-	-	2.181	-	-	-	-	-	2.181

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6					P-1 Line Item Number / Title: 836790 / Space Mods Space										Aggregated Items Title: Space Mods Space					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
Subtotal																				
Telemetry and Commanding System	B		-	-	1.088	-	-	0.762	-	-	-	-	-	-	-	-	-	-	-	4.031
Mission Plan/ Schedule	B		-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.100
Communications	B		-	-	-	-	-	0.770	-	-	1.094	-	-	1.094	-	-	-	-	-	2.958
Subtotal: Subtotal			-	-	2.188	-	-	1.532	-	-	1.094	-	-	1.094	-	-	-	-	-	8.089
Total			-	-	2.188	-	-	1.532	-	-	1.094	-	-	1.094	-	-	-	-	-	8.089

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6							P-1 Line Item Number / Title: 836790 / Space Mods Space							Aggregated Items Title: Space Mods Space						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Joint Space Operations Center Mission System	A		-	-	-	-	-	1.051	-	-	0.867	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	1.051	-	-	0.867	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	1.051	-	-	0.867	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6							P-1 Line Item Number / Title: 836790 / Space Mods Space							Aggregated Items Title: Space Mods Space						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
Uncategorized																				
Joint Space Operations Center Mission System	A		-	-	-	-	-	-	-	-	12.034	-	-	12.453	-	-	-	-	-	26.405
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	12.034	-	-	12.453	-	-	-	-	-	26.405
Total			-	-	-	-	-	-	-	-	12.034	-	-	12.453	-	-	-	-	-	26.405

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836790 / Space Mods Space								Aggregated Modification Items Title: 0305912F			

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1 / P-3A HEMP			-	-	-	-	-	-	-	-	9.579	-	-	-	-	-	-	-	-	-
2 / P-3A PARCS DDG 2			-	-	-	-	-	0.308	-	-	0.308	-	-	4.684	-	-	-	-	-	4.684
3 / P-3A PARCS MDP/ MDSS Replacement			-	-	-	-	-	-	-	-	7.050	-	-	-	-	-	-	-	-	-
4 / P-3A PARCS PAR/SS			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 / PAVE PAWS DP/SP			-	-	-	-	-	1.900	-	-	0.750	-	-	-	-	-	-	-	-	-
Total			-	-	0.000	-	-	2.208	-	-	17.687	-	-	4.684	-	-	-	-	-	4.684

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836790 / Space Mods Space								Aggregated Modification Items Title: 0305912F			

Item Number / Title	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
1 / P-3A HEMP			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.579
2 / P-3A PARCS DDG 2			-	-	4.814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.114
3 / P-3A PARCS MDP/MDSS Replacement			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.050
4 / P-3A PARCS PAR/SS			-	-	-	-	-	8.014	-	-	8.155	-	-	8.301	-	-	-	-	-	24.470
5 / PAVE PAWS DP/SP			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.650
Total			-	-	4.814	-	-	8.014	-	-	8.155	-	-	8.301	-	-	-	-	-	53.863

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
1 / P-3A HEMP	PARCS Radar	Capability Improvement
2 / P-3A PARCS DDG 2	N/A	Reliability & Maintainability
3 / P-3A PARCS MDP/MDSS Replacement	Exelis	Reliability & Maintainability
4 / P-3A PARCS PAR/SS	Exelis	Reliability & Maintainability
5 / PAVE PAWS DP/SP	N/A	Reliability & Maintainability

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Exhibit P-3a, Individual Modification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836790 / Space Mods Space					Modification Number / Title: 1 / PAVE PAWS Front End			
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	4.500	-	4.500	4.626	7.700	7.835	7.975	-	32.636
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	-	4.500	-	4.500	4.626	7.700	7.835	7.975	-	32.636
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	4.500	-	4.500	4.626	7.700	7.835	7.975	-	32.636
(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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date.												
Description: PAVE PHASED ARRAY WARNING SYSTEM (PAVE PAWS): PAVE PAWS radar is a ground based system with missions to support the Missile Correlation, Space Surveillance and Missile Defense Centers. The primary mission is to provide United States Strategic Command (USSTRATCOM) with credible Integrated Tactical Warning/Attack Assessment (ITW/AA) data on all Sea-Launched Ballistic Missiles (SLBMs) penetrating the coverage area and predicted impact (L&PI) data for attack assessment and response determination. The secondary mission is to provide credible data on all Inter-Continental Ballistic Missiles (ICBMs) penetrating the coverage area. The tertiary mission is to support the Space Situational Awareness (SSA) network providing near-earth satellite surveillance and tracking, reporting observational (metric), SOI on man-made satellites and maintenance of the space catalog to prevent the significantly increasing potential for collisions with national assets, including manned space platforms. PAVE PAWS FRONT-END REPLACEMENT (formerly PAVE PAWS Evolutionary Modernization Front-End) replaces obsolete or unsupportable system components and subsystems to address evolving space and missile threats. The PAVE PAWS mission equipment and associated sustainment suites consist of a mix of unique, custom-built components that are increasingly more difficult to maintain due to availability of replacement parts and obsolete COTS based subsystems that are no longer supported by the original equipment manufacturers. In addition, radar transmit & receive components and power distribution elements, and other radar front-end equipment are 30+ years old, highly inefficient, and require replacement. Without these replacements there is a high risk that equipment failures will cause unacceptable mission downtime in order to troubleshoot and repair. FY15 will fund the form, fit, function replacement of unsupportable mission and sustainment equipment to include, but not limited to, Sub-Array Power Supplies (SAPS), updated Solid State Modules (SSMs), test sets, and analysis hardware.												
Milestone/Development Status												
N/A												

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Exhibit P-3a, Individual Modification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836790 / Space Mods Space					Modification Number / Title: 1 / PAVE PAWS Front End			
Models of Systems Affected: N/A				Modification Type: Reliability & Maintainability				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Modification Item 1 of 1: PP Front End												
B Kits												
Recurring												
PP Front End:EQUIPMENT Group B (Active)	- / -	- / -	- / -	1 / 4.200	- / -	1 / 4.200	1 / 4.326	1 / 7.400	1 / 7.535	1 / 7.675	- / -	5 / 31.136
Subtotal: Recurring	- / -	- / -	- / -	- / 4.200	- / -	- / 4.200	- / 4.326	- / 7.400	- / 7.535	- / 7.675	- / -	- / 31.136
Subtotal: PP Front End	- / -	- / -	- / -	- / 4.200	- / -	- / 4.200	- / 4.326	- / 7.400	- / 7.535	- / 7.675	- / -	- / 31.136
Subtotal: Procurement, All Modification Items	- / -	- / -	- / -	- / 4.200	- / -	- / 4.200	- / 4.326	- / 7.400	- / 7.535	- / 7.675	- / -	- / 31.136
Installation												
Modification Item 1 of 1: PP Front End	- / -	- / -	- / -	1 / 0.300	- / -	1 / 0.300	1 / 0.300	1 / 0.300	1 / 0.300	1 / 0.300	- / -	5 / 1.500
Subtotal: Installation	- / -	- / -	- / -	1 / 0.300	- / -	1 / 0.300	1 / 0.300	1 / 0.300	1 / 0.300	1 / 0.300	- / -	5 / 1.500
Total												
Total Cost (Procurement + Support + Installation)	-	-	-	4.500	-	4.500	4.626	7.700	7.835	7.975	-	32.636

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Exhibit P-3a, Individual Modification: PB 2015 Air Force										Date: March 2014																					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6										P-1 Line Item Number / Title: 836790 / Space Mods Space										Modification Number / Title: 1 / PAVE PAWS Front End											
Modification Item 1 of 1: PP Front End																															
Modification Item MDAP/MAIS Code:																															
Manufacturer Information																															
Manufacturer Name: ITT													Manufacturer Location: Colorado Springs, CO																		
Administrative Leadtime (in Months): 0													Production Leadtime (in Months): 4																		
Dates	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019						
Contract Dates									Apr 2015				Jan 2016				Jan 2017				Jan 2018				Jan 2019						
Delivery Dates									Aug 2015				May 2016				May 2017				May 2018				May 2019						
Installation Information																															
Method of Implementation: Contract Field Team																															
Installation Cost		Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total																		
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)																	
Prior Years		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2013		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2014		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
FY 2015		- / -	- / -	- / -	1 / 0.300	- / -	1 / 0.300	- / -	- / -	- / -	- / -	- / -	1 / 0.300																		
FY 2016		- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.300	- / -	- / -	- / -	- / -	1 / 0.300																		
FY 2017		- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.300	- / -	- / -	- / -	1 / 0.300																		
FY 2018		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.300	- / -	- / -	1 / 0.300																		
FY 2019		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.300	- / -	1 / 0.300																		
To Complete		- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -																		
Total		- / -	- / -	- / -	1 / 0.300	- / -	1 / 0.300	1 / 0.300	1 / 0.300	1 / 0.300	1 / 0.300	- / -	5 / 1.500																		
Installation Schedule																															
	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	0	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	5
Out	0	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	5

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6					P-1 Line Item Number / Title: 836790 / Space Mods Space										Aggregated Items Title: Space Mods Space					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
Uncategorized																				
CAPE COD EARLY WARNING RADAR	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.894
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.894
Total			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.894

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6						P-1 Line Item Number / Title: 836790 / Space Mods Space									Aggregated Items Title: Space Mods Space					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Net-Centric Sensors and Data Sources (N-CSDS) (PE 0305940F)	A		-	-	-	4.300	1	4.300	4.036	1	4.036	4.577	1	4.577	-	-	-	4.577	1	4.577
Subtotal: Uncategorized			-	-	-	-	-	4.300	-	-	4.036	-	-	4.577	-	-	-	-	-	4.577
Total			-	-	-	-	-	4.300	-	-	4.036	-	-	4.577	-	-	-	-	-	4.577

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6						P-1 Line Item Number / Title: 836790 / Space Mods Space									Aggregated Items Title: Space Mods Space					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
Uncategorized																				
Net-Centric Sensors and Data Sources (N-CSDS) (PE 0305940F)	A		4.572	1	4.572	-	-	-	-	-	-	-	-	-	-	-	-	4.371	4	17.485
Subtotal: Uncategorized			-	-	4.572	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.485
Total			-	-	4.572	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.485

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6						P-1 Line Item Number / Title: 836790 / Space Mods Space						Aggregated Modification Items Title: 0305940F									
Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
1 / P-3A GEODSS			-	-	-	-	-	3.391	-	-	-	-	-	3.124	-	-	-	-	-	3.124	
Total			-	-	0.000	-	-	3.391	-	-	-	-	-	3.124	-	-	-	-	-	3.124	

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6								P-1 Line Item Number / Title: 836790 / Space Mods Space							Aggregated Modification Items Title: 0305940F				

Item Number / Title	ID CD	MDAP/ MAIS Code	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
			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)
1 / P-3A GEODSS			-	-	3.981	-	-	2.189	-	-	-	-	-	-	-	-	-	-	-	12.685
Total			-	-	3.981	-	-	2.189	-	-	-	-	-	-	-	-	-	-	-	12.685

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
1 / P-3A GEODSS	N/A	Service Life Extension

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Exhibit P-3a, Individual Modification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6	P-1 Line Item Number / Title: 836790 / Space Mods Space	Modification Number / Title: 1 / NAVSTAR GPS-OCS COTS UPGRADE

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	7.182	9.774	12.656	-	12.656	11.960	1.990	-	-	-	43.562
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	7.182	9.774	12.656	-	12.656	11.960	1.990	-	-	-	43.562
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	7.182	9.774	12.656	-	12.656	11.960	1.990	-	-	-	43.562
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

Funding procures GPS Architecture Evolution Plan (AEP) and Launch Anomaly Resolution and Disposal Operations (LADO) commercial equipment that has become obsolete/unsupportable or requires upgrades. Funding will procure equipment for the OCS ground sites including the Master Control Station (MCS), Alternate Master Control Station (AMCS), four Ground Antennas (GAs), six Monitor Control Stations (MCS), Contractor Lab Facility and Telecommunications Simulator Test Set (TSTS). Modifications include required procurement, non-recurring engineering, installation, testing, configuration management, security, quality assurance and technical documentation. Funding sustains OCS until OCX transitions to operations. If not funded, down time and maintenance costs associated with repair or failed equipment will increase, lowering system operational availability.

Milestone/Development Status

Development funding for the OCS is in PE 0305165F. Program complete in FY13.

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Exhibit P-3a, Individual Modification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6				P-1 Line Item Number / Title: 836790 / Space Mods Space				Modification Number / Title: 1 / NAVSTAR GPS-OCS COTS UPGRADE				
Models of Systems Affected: Operational Control Segment (OCS) Global Positioning System (GPS)				Modification Type: Reliability & Maintainability				Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement												
Modification Item 1 of 1: Install Kits												
A Kits												
Recurring												
Install Kits:INSTALL KITS Group A (Active)												
- / -14 / 2.62314 / 3.57014 / 4.620- / -14 / 4.62014 / 4.36814 / 0.727- / - - / - - / -70 / 15.908												
Subtotal: Recurring												
- / - - / 2.623 - / 3.570 - / 4.620 - / - - / 4.620 - / 4.368 - / 0.727 - / - - / - - / - - / 15.908												
B Kits												
Recurring												
Install Kits:EQUIPMENT Group B (Active)												
- / -14 / 1.01414 / 1.37914 / 1.786- / -14 / 1.78614 / 1.68814 / 0.281- / - - / - - / - - / -70 / 6.148												
Subtotal: Recurring												
- / - - / 1.014 - / 1.379 - / 1.786 - / - - / 1.786 - / 1.688 - / 0.281 - / - - / - - / - - / 6.148												
Subtotal: Install Kits												
- / - - / 3.637 - / 4.949 - / 6.406 - / - - / 6.406 - / 6.056 - / 1.008 - / - - / - - / - - / 22.056												
Subtotal: Procurement, All Modification Items												
- / - - / 3.637 - / 4.949 - / 6.406 - / - - / 6.406 - / 6.056 - / 1.008 - / - - / - - / - - / 22.056												
Support (All Modification Items)												
GROUP A: TOTAL NONRECURRING												
- / - - / 1.133 - / 1.542 - / 1.996 - / - - / 1.996 - / 1.887 - / 0.313 - / - - / - - / - - / 6.871												
Data												
- / -14 / 0.95314 / 1.29814 / 1.681- / -14 / 1.68114 / 1.58814 / 0.265- / - - / - - / - - / 70 / 5.785												
SUPPORT-EQUIP												
- / -14 / 0.23814 / 0.32414 / 0.420- / -14 / 0.42014 / 0.39714 / 0.066- / - - / - - / - - / 70 / 1.445												
Subtotal: Support												
- / -28 / 2.32428 / 3.16428 / 4.097- / -28 / 4.09728 / 3.87228 / 0.644- / - - / - - / - - / 140 / 14.101												
Installation												
Modification Item 1 of 1: Install Kits												
- / -14 / 1.22114 / 1.66114 / 2.153- / -14 / 2.15314 / 2.03214 / 0.338- / - - / - - / - - / 70 / 7.405												
Subtotal: Installation												
- / -14 / 1.22114 / 1.66114 / 2.153- / -14 / 2.15314 / 2.03214 / 0.338- / - - / - - / - - / 70 / 7.405												
Total												
Total Cost (Procurement + Support + Installation)												
-7.1829.77412.656-12.65611.9601.990- - -43.562												

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Exhibit P-3a, Individual Modification: PB 2015 Air Force										Date: March 2014																					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6										P-1 Line Item Number / Title: 836790 / Space Mods Space										Modification Number / Title: 1 / NAVSTAR GPS-OCS COTS UPGRADE											
Modification Item 1 of 1: Install Kits																															
Modification Item MDAP/MAIS Code:																															
Manufacturer Information																															
Manufacturer Name: Unknown													Manufacturer Location: Unknown																		
Administrative Leadtime <i>(in Months)</i> : 0													Production Leadtime <i>(in Months)</i> : 0																		
Dates		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
Contract Dates																															
Delivery Dates																															
Installation Information																															
Method of Implementation: Combination																															
Installation Cost		Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total		FY 2016		FY 2017		FY 2018		FY 2019		To Complete		Total								
		<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>		<i>Qty (Each) / Total Cost (\$ M)</i>								
Prior Years		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-						
FY 2013		-	/	-	14 / 1.221	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	14 / 1.221							
FY 2014		-	/	-	-	/	-	14 / 1.661	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	14 / 1.661							
FY 2015		-	/	-	-	/	-	14 / 2.153	-	/	-	14 / 2.153	-	/	-	-	/	-	-	/	-	-	/	-							
FY 2016		-	/	-	-	/	-	-	/	-	-	/	-	14 / 2.032	-	/	-	-	/	-	-	/	-	14 / 2.032							
FY 2017		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	14 / 0.338	-	/	-	-	/	-	14 / 0.338							
FY 2018		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-						
FY 2019		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-						
To Complete		-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-	-	/	-						
Total		-	/	-	14 / 1.221	14 / 1.661	14 / 2.153	-	/	-	14 / 2.153	14 / 2.032	14 / 0.338	-	/	-	-	/	-	-	/	-	-	/	70 / 7.405						
Installation Schedule																															
	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	0	-	-	14	-	-	-	14	-	-	-	14	-	-	-	14	-	-	-	14	-	-	-	-	-	-	-	-	-	-	70
Out	0	-	-	-	14	-	-	-	14	-	-	-	14	-	-	-	14	-	-	-	14	-	-	-	-	-	-	-	-	-	70

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
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 Number / Title: 836810 / Counterspace System						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	139.992	19.192	7.141	61.603	-	61.603	37.202	45.925	46.772	-	-	357.827
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	139.992	19.192	7.141	61.603	-	61.603	37.202	45.925	46.772	-	-	357.827
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	139.992	19.192	7.141	61.603	-	61.603	37.202	45.925	46.772	-	-	357.827
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: COUNTERSPACE SYSTEMS includes systems to disrupt, deny, degrade or destroy an adversary's space systems or the information they provide (Offensive Counterspace), and active and passive measures to protect US and friendly space-related capabilities from enemy attack or interference (Defensive Counterspace). Current programs are Rapid Attack Identification Detection and Reporting System (RAIDRS), a Defensive Counterspace (DCS) program and Counter Communications System (CCS), and an Offensive Counterspace (OCS) program. Funding for this exhibit and developmental funding for RAIDRS and CCS is in Program Element 0604421F, Counterspace Systems. Rapid Attack Identification Detection and Reporting System (RAIDRS): performs attack detection, geo-location, reporting, characterization, and mission impact assessment for US owned, operated, or used space systems. RAIDRS capabilities support the National Security Strategy of the United States. RAIDRS is focused on detecting, characterizing, geolocating and reporting satellite communications (SATCOM) radio frequency interference using currently existing commercial-off-the-shelf and government-off-the-shelf technology. The event information provided by RAIDRS will allow operators to identify possible interference against space capabilities and enable rapid employment of protective responses. The Counter Communications System (CCS) Pre-planned Product Improvement (P3I) program: prevents adversaries from employing satellite communications against the United States and its allies. CCS is a ground-based transportable radio frequency (RF) jammer that interferes with adversary command and control (C2) and propaganda transmitted via satellite. CCS will be incrementally upgraded to add selected advanced techniques and additional target capabilities identified in the CCS Block 20 CDD. The Ground-base Satellite Emitter Location Network (GSELN): program provides the intelligence community a ground-based electromagnetic interference (EMI) geolocation system for commercial and threat satellite communications. GSELN will operate utilizing current NSA and Air Force Intelligence, Surveillance, and Reconnaissance Agency's infrastructure located in key regions around the world. GSELN consists of multiple systems employing commercially available technology in conjunction with existing government equipment. GSELN expands upon the AF's RAIDRS capabilities, in that it will include non-US communication EMI events.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 836810 / Counterspace System

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements:			
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	19.192	7.141	16.803	-	16.803	-	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	44.800	-	44.800	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	19.192	7.141	61.603	-	61.603	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - 1. Rapid Attack Identification Detection and Reporting System	P-5		-	-	109.888	-	-	6.344	-	-	-	-	-	-	-	-	-	-	-	-
Item - 2. Counter Communications System	P-5		-	-	24.641	-	-	11.486	-	-	7.141	-	-	61.603	-	-	-	-	-	61.603
Item - 3. Ground Based Satellite Emitter Locator Network	P-5		-	-	5.463	-	-	1.362	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			-	-	139.992	-	-	19.192	-	-	7.141	-	-	61.603	-	-	-	-	-	61.603

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

1. RAPID ATTACK IDENTIFICATION DETECTION AND REPORTING SYSTEM (RAIDRS): No FY15 funding is requested.

2. COUNTER COMMUNICATIONS SYSTEM (CCS)Pre-planned Product Improvement Program: Funding in FY15 provides for equipment (e.g. signal generation hardware, up- and down-link converters, spectrum analyzers, antennas, etc.) for one Increment Two (10.2) system and six Commercial End Items for the 10.2 system. This is presented as 7 similar units, but it is actually one 10.2 unit and six Commercial End Items.

Funding in FY15 also provides for the purchase of 2 CCS units for the Air National Guard. The unit costs in FY15 are significantly different for the following reasons: 1) Six of the seven 10.2 units are commercial end items, which are significantly less expensive than 10.2 systems and, 2) Air National Guard systems are entirely new purchases, while the existing fleet of 10.2 systems are being upgraded and have a significant amount of hardware re-use. This is an FY15 new start.

3. GROUND BASED SATELLITE EMITTER LOCATOR NETWORK (GSELN): No FY15 funding is requested.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force				Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6		P-1 Line Item Number / Title: 836810 / Counterspace System			Item Number / Title [DODIC]: - / 1. Rapid Attack Identification Detection and Reporting System	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	109.888	6.344	-	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	109.888	6.344	-	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	109.888	6.344	-	-	-	-

(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>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Non Recurring Cost																			
a. RAIDRS SITE PREPARATION AND ACTIVATION ⁽¹⁾	A	20.378	5	101.890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost		-	-	101.890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	101.890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			
d. INTERIM CONTRACTOR SUPPORT		-	-	3.230	-	-	3.923	-	-	-	-	-	-	-	-	-	-	-	-
e. MANAGEMENT SERVICES		-	-	4.768	-	-	2.421	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - Support Cost Element Category Cost		-	-	7.998	-	-	6.344	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		-	-	109.888	-	-	6.344	-	-	-	-	-	-	-	-	-	-	-	-

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF Quantity	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Air Force				Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6		P-1 Line Item Number / Title: 836810 / Counterspace System			Item Number / Title [DODIC]: - / 1. Rapid Attack Identification Detection and Reporting System	
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
		Total Obligation Authority	6.344	-	-	-
Total:		Quantity	-	-	-	-
Secondary Distribution		Total Obligation Authority	6.344	-	-	-

Footnotes:

(1) Site locations will be activated for the transportable Geo-location systems. Quantity and unit costs will vary depending on site configuration.; Site activation includes the engineering, integration and deployment of RAIDRS deployable systems. It is not a hardware entry.; Quantity/unit cost data represents the number of complete systems to be fielded, and the average total cost per system. Due to site unique requirements, there may be large cost variances among fiscal years.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6							P-1 Line Item Number / Title: 836810 / Counterspace System						Item Number / Title [DODIC]: - / 2. Counter Communications System							
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total					
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-		-			
Gross/Weapon System Cost <i>(\$ in Millions)</i>					24.641		11.486		7.141		61.603		-		61.603					
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Net Procurement (P1) <i>(\$ in Millions)</i>					24.641		11.486		7.141		61.603		-		61.603					
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Total Obligation Authority <i>(\$ in Millions)</i>					24.641		11.486		7.141		61.603		-		61.603					
(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>(\$ in Millions)</i>					-		-		-		-		-		-		-			
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																				
Non Recurring Cost																				
b. CCS PRE-PLANNED PRODUCT IMPROVEMENT (P3I) (2)	A		3.405	7	23.833	5.662	2	11.323	6.977	1	6.977	2.325	7	16.275	-	-	-	2.325	7	16.275
c. Air National Guard CCS	A		-	-	-	-	-	-	-	-	-	22.400	2	44.800	-	-	-	22.400	2	44.800
Subtotal: Non Recurring Cost			-	-	23.833	-	-	11.323	-	-	6.977	-	-	61.075	-	-	-	-	-	61.075
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	23.833	-	-	11.323	-	-	6.977	-	-	61.075	-	-	-	-	-	61.075
Support - Support Cost Element Category Cost																				
d. Management Services (PMA)			-	-	0.808	-	-	0.163	-	-	0.164	-	-	0.528	-	-	-	-	-	0.528
Subtotal: Support - Support Cost Element Category Cost			-	-	0.808	-	-	0.163	-	-	0.164	-	-	0.528	-	-	-	-	-	0.528
Gross/Weapon System Cost			-	-	24.641	-	-	11.486	-	-	7.141	-	-	61.603	-	-	-	-	-	61.603
Secondary Distribution								FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total				
AF				Quantity				-		-		-		-		-				
				Total Obligation Authority				11.486		7.141		16.803		-		16.803				

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Exhibit P-5, Cost Analysis: PB 2015 Air Force			Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6		P-1 Line Item Number / Title: 836810 / Counterspace System		Item Number / Title [DODIC]: - / 2. Counter Communications System	

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	44.800	-	44.800
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	11.486	7.141	61.603	-	61.603

Footnotes:

⁽²⁾ CCS P3I - Unit cost variance due to the procurement/production of dissimilar items as stated in the approved CCS P3I strategy.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014										
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 6						P-1 Line Item Number / Title: 836810 / Counterspace System										Item Number / Title [DODIC]: - / 3. Ground Based Satellite Emitter Locator Network						
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					5.463			1.362			-			-			-			-		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					5.463			1.362			-			-			-			-		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					5.463			1.362			-			-			-			-		
(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>(\$ in Millions)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Hardware - Hardware Cost Element Category Cost																						
Non Recurring Cost																						
GSELN		A	2.732	2	5.463	1.362	1	1.362	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Non Recurring Cost			-	-	5.463	-	-	1.362	-	-	-	-	-	-	-	-	-	-	-			
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	5.463	-	-	1.362	-	-	-	-	-	-	-	-	-	-	-			
Gross/Weapon System Cost			-	-	5.463	-	-	1.362	-	-	-	-	-	-	-	-	-	-	-			
Secondary Distribution							FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
AF				Quantity				-			-			-			-			-		
				Total Obligation Authority				1.362			-			-			-			-		
Total: Secondary Distribution				Quantity				-			-			-			-			-		
				Total Obligation Authority				1.362			-			-			-			-		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base							P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
Line Item MDAP/MAIS Code: 385			Item MDAP/MAIS Code(s):									
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	120.353	69.882	50.335	-	50.335	128.666	115.235	118.253	118.356	-	721.080
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	120.353	69.882	50.335	-	50.335	128.666	115.235	118.253	118.356	-	721.080
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	120.353	69.882	50.335	-	50.335	128.666	115.235	118.253	118.356	-	721.080
<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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date.												
Description: PE 0207418F TACTICAL AIRBORNE CONTROL SYSTEM EQUIPMENT Tactical airborne control system equipment encompass three types of simulators that provide scenario based training for Joint Terminal Attack Controllers (JTACs), Combat Control Teams (CCTs), Tactical Air Control Party (TACPs), Air Support Operations Centers (ASOCs) and various CAS Platforms. Joint Terminal Control Training and Rehearsal System (JTC TRS): TACP Fixed and Portable Simulators are JTC TRS. This simulator project trains personnel controlling air support for combat operations by providing both a stand-alone and Distributed Mission Operations (DMO)-capable high-fidelity JTAC, and Combat Control Team (CCT) simulation system. The JTC TRS will be able to connect to DMO networks to allow geographically separated high-fidelity close air support platforms, JTACs and CCTs to train together in a risk-free environment. The Fixed simulator enables operators to conduct Joint Close Air Support (JCAS) training/mission rehearsal using tailored, dynamic scenarios that are relevant to mission tasking. Furthermore, the simulator will be capable of providing tactical air traffic control training for CCT using tactical application of austere airbase operations. The JTAC simulators provide DMO capability to network with aircrew full mission trainers, mission training centers, and Air Support Operations Centers (ASOC). Its primary focus is to provide an air-ground virtual training environment for networked air ground training and mission rehearsal capability that will develop both JTAC and CCT skills and train aircrew to accomplish complex JCAS missions in close proximity to friendly ground forces. JTAC simulators will be fully interoperable with joint/sister Service air ground simulation using industry standards. Training with simulators has the potential to reduce civilian casualties, collateral damage and fratricide by improving coordination skills between air and ground personnel, and increasing JTAC and aircrew proficiency. The acquisition strategy for production of the fixed configuration of the JTC TRS will be executed as an evolutionary acquisition approach using incremental development. Until the production system is ready for fielding, interim simulators will be fielded to support JTAC qualification training and readiness for deployable JTACs. TACP C2 Simulator: The TACP C2 simulator is named the Joint Theater Air-Ground Simulation System (JTAGSS). The simulator is for training ASOC and Special Operations Forces (SOF) personnel to perform command and control (C2) battlestaff operations. The C2 simulator will operate in either a stand-alone mode, or connected to other DMO-capable high-fidelity simulation facilities to allow geographically-separated Theater Air Control System C2 elements, CAS platforms, and JTAC and CCT personnel to train in an integrated virtual environment. The simulator will enable operators to conduct C2 training and mission rehearsal of JCAS assets using tailored, dynamic scenarios that are relevant to current real-world mission taskings. Scenarios will cover the full range of military operations. Training with the simulator will improve mission effectiveness by reducing the risk of civilian casualties, collateral damage, and fratricide by improving C2 skills in rapidly changing and uncertain combat environments. The JTAGSS program will enable procurement of an estimated three JTAGSS for air support operations training. The acquisition strategy for the TACP C2 simulator will be to field advance technology demonstration units in												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force			Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base		P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment	
ID Code (A=Service Ready, B=Not Service Ready) : A		Program Elements for Code B Items:	Other Related Program Elements:
Line Item MDAP/MAIS Code: 385	Item MDAP/MAIS Code(s):		
two increments. Increment 1 will field initial capability to perform proof of concept and technology validation of mission simulations for all ASOC crew positions including detailed communications planning, asset deconfliction, integration of joint fires, and other critical mission areas required for integrated TACP/ASOC C2 mission success. At the completion of the technology validation, a contract will be competitively awarded to complete simulator development, deployment and integration.			
PE 0207422F DEPLOYABLE C3 SYSTEMS			
THEATER-DEPLOYABLE COMMUNICATIONS (TDC) PROGRAM: TDC provides the Air Force with rapidly deployable communication infrastructure package which provides deployed users with secure and non-secure voice service, Internet access, Local Area Network, network management, information assurance, e-mail services (NIPR/SIPRNet), and intra/interbase connectivity services similar to those established on a fixed base. The TDC package use commercial-of-the-shelf (COTS) components to support a wide scope of expeditionary missions ranging from a small C2 and airfield mission supporting 1 to 150 users and up to the stand up of an Air Expeditionary Wing supporting 3,000 users. TDC package also supports Special Missions, to include noncombatant evacuation and disaster relief efforts, US Secret Service support, and Homeland Defense Operations. TDC equipment is employed by 32 Combat Communication squadrons, 13 Air Mobility Command Units, 14 Air Control Squadrons, six Air Force Special Operations units, and six Air Support Operations Squadrons.			
The TDC program reached full operational capability in 2008 and is currently providing sustainment and modernization efforts to maintain full operational capability. Modernization efforts focus on addressing Diminishing Manufacturing Sources (DMS) associated with COTS components. Funding of the TDC program will procure hardware and software targeted to alleviate interoperability and software issues that arise from the constant evolution of technology. Controlled item will be funded with investment funds to purchase military communications equipment classified as critical protection items. Funding will also ensure TDC equipment maintains compliance with DOD security mandates/directives and cryptographic modernization standards. The program has three components:			
a. SPOKE SATELLITE TERMINALS: Satellite terminals provide two-way communications connectivity between expeditionary bases and reach back, through Defense Information System Agency (DISA) teleports, to the global information grid. These terminals augment limited DoD X-Band (Super High Frequency) resources by providing access to commercial satellite services. By augmenting the X- Band terminals, TDC's Spoke Satellite terminals transparently improve the expeditionary workforce's bandwidth throughput for high-speed voice, data, video, and imagery transmissions. Small aperture SATCOM terminals supporting direct internet protocol connection capable of supporting multi-commercial and military transmission bands significantly reduce airlift requirements and provides flexibility during expeditionary operations.			
b. INTEGRATED COMMUNICATIONS ACCESS PACKAGE (ICAP): ICAP provides the distributed base backbone which includes: hubs/routers, switches, multiplexers, secure/nonsecure telephones, secure conferencing, cryptographic and timing equipment, and intra-base connectivity using fiber and/or point-to-point radios. ICAP packages include accessories and configuration kits to tailor the capability of voice and data modules (i.e. cards to interface to the host nation postal telegraph and telephone). ICAP packages are modular which allows assets to be deployed incrementally and provides the capability to expand the network as the base population increases.			
c. NETWORK CONTROL CENTER-DEPLOYED (NCC-D): NCC-D provides deployed network management, information protection, and network planning capabilities similar to those at fixed bases. Specific functions include data management, intrusion detection, and firewall capabilities for both the classified and unclassified networks.			
PE 0207423 ADVANCED COMMUNICATIONS SYSTEMS			
JOINT TACTICAL RADIO SYSTEM (JTRS): JTRS is a family of software programmable tactical radios that provide voice, data, and video communications for military users in the air, on the ground, and at sea. Common radio architecture and programmable software waveforms will provide joint interoperability between the services. The JTRS program is built around open system software communications architecture (SCA), a critical set of rules that make software programmable radios function properly and ensure interoperability. The AF JTRS Procurement and Integration Office will execute JTRS procurement and logistics strategies to meet AF warfighter requirements for radio communications by collaborating with PEO-C3T JTRS, Air Combat Command, Cryptologic Systems Division, Warner Robins/Air Logistics Center, the AF Major Commands, and other services' JTRS program offices. The Army Program Executive Office for Command, Control and Communications-Tactical (PEO C3T) is responsible for the development, test, evaluation and support of Handheld, Manpack and Small Form Fit (HMS) next generation software defined tactical, multiband radios.			
PE 0207444F TACTICAL AIR CONTROL PARTY-MOD			

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base		P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Line Item MDAP/MAIS Code: 385	Item MDAP/MAIS Code(s):	
TACTICAL AIR CONTROL PARTY-MODERNIZATION (TACP-M): TACP-M acquires capabilities for TACP operations. TACP members deploy with Army maneuver units and provide a command and control (C2) link for close air support (CAS), airlift, and Air Force surveillance/reconnaissance missions. TACPs are equipped with various targeting and communication equipment which interfaces with ground maneuver forces, CAS aircraft, Joint Fires assets, C2 aircraft/agencies, and Intelligence, Surveillance, and Reconnaissance (ISR) platforms/agencies. Throughout the performance of their duties, TACPs detect targets and compute precision coordinates to aircraft to ensure pilots track the correct target in the employment of GPS aided weapons. The actions performed by TACP not only reduce kill chain decision time, but also reduces the potential for fratricide and collateral damage in civilian-occupied areas. In addition, TACP is working with various contractors and laboratories to conduct demonstrations and risk reduction efforts to assess advanced Human Machine Interface (HMI) and interoperability technologies for future fielding. The TACP-M program provides equipment modernization capabilities to TACP, Air Support Operations Centers (ASOCs), and Tactical Operations Center (TOCs) personnel. The program supports Overseas Contingency Operations (OCOs) and significantly increases the mission effectiveness of TACPs and ASOCs during Operation Enduring Freedom and Operation New Dawn. The TACP-M program continues to be instrumental in providing ground communications for TACPs during federal emergency relief operations and Homeland Defense initiatives. Following the termination of the Vehicular Communications System (VCS) in FY11, the TACP community has capability gaps in vehicle mounted communications systems. As a result, and based on ACC priorities and available funding, the TACP team is working through the JCIDS process with ACC to identify and resolve capability gaps related to vehicle mounted communications, which is referred to as the Mobile Communications System (MCS). These gaps are being addressed in a stepwise fashion: an initial implementation of a very limited, PRC-117G, voice-only capability in approximately 220 TACP HMMWVs that were originally slated for the VCS. This limited capability is referred to as the Voice Communications Package (VCP), and replaces the more capable Mobile Communications Package (MCP) that was going to take multiple years to implement. A more robust capability, implementing voice and data communications through additional PRC-117G and PRC-150 radios, computers, streaming video, and advanced soldier radio waveforms, will follow as the requirement is formalized, funding becomes available and contracts can be awarded to fill the long term need. TACP-M is a program with requirements based on ACC's evolving combat needs and the capabilities available in the commercial market. Therefore, requirements are frequently adjusted to accommodate the warfighter needs while working within available funding. Prior to FY13, the Air Force cancelled the production option of the HMMWV variant of the Vehicular Communications System (VCS) due to HMMWV survivability issues. The requirement for a mobile communication capability remains, as such, the Air Force requested acceleration of a mobile communications capability into the TACP Stryker LAV, an acceleration of a dismounted communication capability (i.e. Dismounted Communication Package (DCP) for use with the Tactical Operation Center, and the initiation of a Capability Development Document to identify the long term solution for mobile communication capability integrations. The purpose of the TACP-M program is to interface with joint and multinational forces by reducing reliance on voice transmission and replace analog equipment with the latest digital, data link and streaming video (e.g. Streaming Video Receiver) technology. Upgraded digital communications enable machine-to-machine interface between Tactical Air Control Parties (TACP) and Close Air Support (CAS) aircraft, Army units and other TACP units. Machine-to-machine communication provides reliable, high speed digital communications, ultimately supports joint and multinational interoperability, improves battlefield situational awareness (SA), increases targeting accuracy, reduces kill chain decision time, improves data flows/information exchange, reduces potential fratricide, and prevents collateral damage in civilian occupied areas. Due to active TACP participation in Overseas Contingency Operations(OCOs) and the impact on user priorities, components procured during program execution may change to support user demand and mission critical needs. The TACP-M program collaborates with the Battlefield Airmen Program to standardize and gain cost efficiencies, when possible, for equipment consolidated procurements. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. PE 0305111F BATTLEFIELD WEATHER Battlefield Weather: acquires meteorological and space environmental sensing equipment supporting the global missions of the AF, Army, SOF, combatant commanders, 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 AF weapon systems and precision munitions by accurately		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base	P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment

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

Line Item MDAP/MAIS Code: 385	Item MDAP/MAIS Code(s):

predicting environmental impacts to optimize targeting, weaponing, and bomb damage assessment, as well as space systems operations and effectiveness. AF weather programs are aligned under five core capabilities: 1) weather data collection, 2) product tailoring/warfighting 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.

PE 0408011F SPECIAL TACTICS / COMBAT CONTROL

BATTLEFIELD AIRMEN OPERATIONS KIT (BAO Kit): BAO Kit will develop a Family of Systems (FoS) that provides a state-of-the-art Command, Control, Communications, Computer, Intelligence, Surveillance and Reconnaissance (C4ISR) suite for Air Force Special Operations Command's (AFSOC's) battlefield airmen. This program will develop, procure and enhance technologies for battlefield airmen combat controllers (CCT) that are interoperable with US and coalition special operations dismounted forces. Capability allows ability to recognize, identify, range, nominate and designate targets during both day and night. BAO Kit will also significantly reduce the time required to find, fix, track, target and engage the enemy by providing highly accurate target grid coordinates in three dimensions, generating target imagery both pre- and post-strike, and transmitting target data to command and control centers. All BAO Kit systems are light, compact and portable for use by dismounted Battlefield Airmen. Modernization efforts focus on reducing the weight of the equipment carried by the dismounted operator. There are four core capabilities included but not restricted to: Human Machine Interface (HMI), Non Line of Sight (XLOS) targeting, Line of Sight (LOS) targeting, and Machine to Machine C4ISR System. Also, items included but not limited to training, initial spares, repairs and returns, and other equipment.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	86.307	46.703	23.574	-	23.574	-	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	14.821	1.739	1.007	-	1.007	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.160	0.007	0.007	-	0.007	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	101.288	48.449	24.588	-	24.588	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	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)
Item - BATTLEFIELD WEATHER	P-40a	A	-	-	-	37,363.64	11	0.411	-	-	-	-	-	-	-	-	-	-	-	-
Item - TAC AIRBORNE CONTROL SYSTEM	P-5		-	-	-	-	-	7.721	-	-	6.968	-	-	9.099	-	-	-	-	-	9.099
Item - DEPLOYABLE C3 SYSTEMS	P-5		-	-	-	-	-	13.937	-	-	14.032	-	-	3.990	-	-	-	-	-	3.990

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base												P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Line Item MDAP/MAIS Code: 385						Item MDAP/MAIS Code(s):															
Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Item - ADV COMM SYS	P-5		-	-	-	-	-	53.664	-	-	11.563	-	-	-	-	-	-	-	-	-	
Item - TACTICAL AIR CONTROL PARTY-MOD	P-5		-	-	-	-	-	33.687	-	-	22.854	-	-	20.598	-	-	-	-	-	20.598	
Item - SPECIAL TACTICS/ COMBAT CONTROL	P-5		-	-	-	-	-	10.933	-	-	14.465	-	-	16.648	-	-	-	-	-	16.648	
Total Gross/Weapon System Cost			-	-	-	-	-	120.353	-	-	69.882	-	-	50.335	-	-	-	-	-	50.335	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0207418F TACTICAL AIRBORNE CONTROL SYSTEM EQUIPMENT TACTICAL AIRBORNE CONTROL SYSTEM EQUIPMENT: FY15 funding procures Tactical Air Control Party Fixed, Portable, and Command and Control C2) simulators for training special operations and conventional Joint Terminal Attack Controllers (JTAC). PE 0207422F DEPLOYABLE C3 SYSTEMS SPOKE SATELLITE TERMINALS: FY15 funding will procure mandated upgrades for 99 satellite terminals. INTEGRATED COMMUNICATIONS ACCESS PACKAGE (ICAP): FY15 funding will procure kits required to replace components that have reached end-of-life and are no longer supportable. NETWORK CONTROL CENTER-DEPLOYED (NCC-D): FY15 funding will procure modules to replace components that have reached end-of-life and are no longer supportable. PE 0207423 ADVANCED COMMUNICATIONS SYSTEMS JOINT TACTICAL RADIO SYSTEM (JTRS): No FY15 funding requested. PE 0207444F TACTICAL AIR CONTROL PARTY-MOD TACTICAL AIR CONTROL PARTY-MODERNIZATION (TACP-M): FY15 funding will procure equipment and systems in support of TACP personnel, focusing on modernizing four main components: a. COMPUTERS: Ruggedized and non-ruggedized computers and ancillary equipment required to support beyond line-of-sight (BLOS) and non-line-of-sight (XLOS) digital communications, C2 nodes, attack aircraft, data link gateway functionality, terrain maps and imagery, Blue Force situation awareness displays, and maintain interoperability with Army systems in battlefield. Replacement of equipment rate will be driven by operational and maintenance considerations, and will be consistent with commercial off the shelf available technology. FY15 funding will procure ruggedized computers that can accommodate technology upgrades to the Close Air Support Software (CASS) and digital communication links with C2 nodes. Controlled item will be funded with investment funds to purchase military communications equipment classified as critical protection items.																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base		P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Line Item MDAP/MAIS Code: 385	Item MDAP/MAIS Code(s):	
In conjunction with CASS software focused for the dismounted user, these systems will provide more extensive machine-to-machine data transfer, auto-populating data fields, and a simplified user interface. These kits will provide integrated power management and cable systems, which will enable extended mission operating time and decrease external cables which are easily damaged and provide a snagging hazard in vehicular and dismounted operations. Utilizing commercial-off-the-shelf technology the kits will expedite the generation and transmission of CAS message and decrease "heads-down time", thus increasing situational awareness and combat agility of the dismounted user in troops in contact situations. Quantities may change depending on final unit prices. Support costs may be applicable outside of procurement of goods. b. VOICE COMMUNICATION PACKAGE (VCP), MOBILE COMMUNICATIONS SYSTEM (MCS), MOBILE COMMUNICATION CAPABILITY: The TACP-M equipment suite is the primary combat enabler for Joint CAS operations on the digitized battlefield. The TACP program procures specialized communications equipment to provide ASOC data link gateway capabilities as well as multiple channel, on-the-move and re-locatable digital data and voice communications in both rack and vehicle mounted configurations. The equipment is comprised of specialized C2 systems, and multiple variants of SCA-compliant radios, streaming video receivers, computers, and all necessary ancillary equipment for joint CAS operations on the digitized battlefield. The program includes the post-production integration of TACP equipment suites into stand alone, re-locatable racks as well as multiple vehicle families to include the High Mobility, Multi-Wheeled Vehicle (HMMWV), Mine-Resistant Ambush-Protected (MRAP) vehicle, the Stryker Light Armored Vehicle (LAV), and future TACP tactical vehicles. FY15 funds will provide interim sustainment support to the TACP Stryker suite and other fielded TACP systems. c. VIDEO RECEIVERS: Streaming video transmitter/receivers allow attack aircraft with targeting pods and unmanned aerial vehicles equipped with video transmitters to transmit streaming video to personnel supporting ground commanders. Quantities may change depending on final unit prices. Support costs may be applicable outside of procurement of goods. Controlled item will be funded with investment funds to purchase military communications equipment classified as critical protection items d. TACP CLOSE AIR SUPPORT SYSTEM (CASS): TACP CASS provides digital communications between the TACP, CAS aircraft, and various air and battlefield C2 and situational awareness (SA) systems. This software includes interfaces for employing ASOC, TACP, and JTAC capabilities as an integrated system. FY15 TACP funding will be utilized to keep fielded versions current with the constantly changing external interfaces and supplies software modifications and provide contract technical and help desk support to fielded units. PE 0305111F BATTLEFIELD WEATHER Battlefield Weather: No FY15 FUNDING REQUESTED PE 0408011F BATTLEFIELD AIRMEN OPERATIONS (BAO) Kit BATTLEFIELD AIRMEN OPERATIONS (BAO) Kit: FY15 funding in the amount of \$16.796 million will procure, test, sustain, and repair BAO Kit Family of System components to optimize user information intake. Funding will be used to ensure interoperability to reduce the risk of fratricide, reduce the weight carried by individual Airmen, and reduce the time required to find, fix, track, target, and engage the enemy. There are four core capabilities included but not restricted to: Human Machine Interface (HMI), Non-Line-of-Sight (XLOS) targeting, line-of-sight (LOS) targeting, and machine-to-machine C4ISR system. Also, items included but not limited to training, initial spares, repairs and returns, and other equipment. a. HUMAN MACHINE INTERFACE (HMI): This FY15 funding will procure HMI components that will provide integrated operator interface between all the machine components by using unified visual and auditory displays and controls, such as head-mounted displays and tactical earplug connectivity with communications. This system provides optimized user information portrayal and control of peripheral devices, to include modernization of communications, computing devices, portable electrical power generation and management, targeting and situational awareness software (machine to machine) designed to reduce risk of fratricide and reduce the time required to employ precision effects on the battlefield to single-digit minutes.		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base		P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Line Item MDAP/MAIS Code: 385	Item MDAP/MAIS Code(s):	
b. BAO KIT: FY15 funding will procure BAO kit family of systems that will provide an interoperable and integrated operator interface between all the machine components by using unified visual and auditory displays and controls, such as head-mounted displays, tactical earplug connectivity with communications, integrated tactical computing solution and power generation and management systems. BAO kit family of systems provides optimized user information portrayal and control of peripheral devices, to include modernization of communications, computing devices, portable electrical power generation and management, targeting and situational awareness software (machine to machine) designed to reduce risk of fratricide and reduce the time required to employ precision effects on the battlefield to single-digit minutes. c. LINE OF SIGHT (LOS): FY15 LOS funding will procure LOS systems. LOS integrates a target designators and sensors to enhance targeting effectiveness at ranges less than 3km. The equipment provides battlefield airmen with the ability to geo-locate targets in both eye-safe and non-eye safe spectrums. The modernization of this equipment will significantly reduce the weight carried by the operator.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:									Aggregated Items Title:					
3080F / 03 / 7						837100 / Tactical C-E Equipment									WEATHER SERVICE					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																				
BATTLEFIELD WEATHER	A		-	-	-	37,363.64	11	0.411	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	0.411	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	0.411	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7			P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment			Item Number / Title [DODIC]: - / TAC AIRBORNE CONTROL SYSTEM

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	7.721	6.968	9.099	-	9.099
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	7.721	6.968	9.099	-	9.099
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	7.721	6.968	9.099	-	9.099

(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>\$ in Dollars</i>)	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
TACP Fixed Simulator - JTC TRS	A	-	-	-	1,950K	3	5.850	1,950K	3	5.850	1,950K	4	7.800	-	-	-	1,950K	4	7.800
PMA - Other Government Costs	A	-	-	-	-	-	1.871	-	-	1.118	-	-	1.299	-	-	-	-	-	1.299
Subtotal: Recurring Cost		-	-	-	-	-	7.721	-	-	6.968	-	-	9.099	-	-	-	-	-	9.099
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	7.721	-	-	6.968	-	-	9.099	-	-	-	-	-	9.099
Gross/Weapon System Cost		-	-	-	-	-	7.721	-	-	6.968	-	-	9.099	-	-	-	-	-	9.099

Remarks:

- Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items
- The acquisition strategy for production of the fixed configuration of the JTC TRS will be executed as a an evolutionary acquisition approach using incremental development. Until the production system is ready for fielding, interim simulators that meet ACC and AFSOC training requirements will be procured through the GSA Alliant Contrct, Task ID #ID0713007.
- The acquisition strategy for the TACP C2 simulator will be to field advance technology demonstration units in two increments. Increment 1 will field initial capability to perform proof of concept and technology validation of mission simulations for all ASOC crew positions including detailed communications planning, asset deconfliction, integration of joint fires, and other critical mission areas required for integrated TACP/ASOC C2 mission success. At the completion of the technology validation, a contract option will be exercised awarded to complete simulator development, deployment and integration.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7			P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment			Item Number / Title [DODIC]: - / DEPLOYABLE C3 SYSTEMS

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	13.937	14.032	3.990	-	3.990
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	13.937	14.032	3.990	-	3.990
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	13.937	14.032	3.990	-	3.990

(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>(\$ in Dollars)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
TDC - Hub and Spoke Satellite Terminals (AD)	A	-	-	-	-	60	-	1,010.00	60	0.061	1,010.00	60	0.061	-	-	-	1,010.00	60	0.061
TDC - Hub and Spoke Satellite Terminals (ANG)	A	-	-	-	-	35	-	1,010.00	35	0.035	1,010.00	35	0.035	-	-	-	1,010.00	35	0.035
TDC - Hub and Spoke Satellite Terminals (AFR)	A	-	-	-	-	4	-	1,010.00	4	0.004	1,010.00	4	0.004	-	-	-	1,010.00	4	0.004
TDC - Intergrated Communications Access Package (AD)	A	-	-	-	39,960.00	96	3.836	667.00	96	0.064	667.00	96	0.064	-	-	-	667.00	96	0.064
TDC - Intergrated Communications Access Package (ANG)	A	-	-	-	39,960.00	50	1.998	667.00	50	0.033	667.00	50	0.033	-	-	-	667.00	50	0.033
TDC - Intergrated Communications Access Package (AFR)	A	-	-	-	39,960.00	4	0.160	667.00	4	0.003	667.00	4	0.003	-	-	-	667.00	4	0.003
TDC - Network Control Center - Deployed (AD)	A	-	-	-	55,642.00	64	3.561	111,334.00	64	7.125	18,599.00	64	1.190	-	-	-	18,599.00	64	1.190
TDC - Network Control Center - Deployed (ANG)	A	-	-	-	55,642.00	41	2.281	111,334.00	41	4.565	18,599.00	41	0.763	-	-	-	18,599.00	41	0.763

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Exhibit P-5, Cost Analysis: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7								P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment							Item Number / Title [DODIC]: - / DEPLOYABLE C3 SYSTEMS				

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
TDC - Network Control Center - Deployed (AFR)	A	-	-	-	55,642.00	4	0.223	111,334.00	4	0.445	18,599.00	4	0.074	-	-	-	18,599.00	4	0.074
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	12.059	-	-	12.335	-	-	2.227	-	-	-	-	-	2.227
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	12.059	-	-	12.335	-	-	2.227	-	-	-	-	-	2.227
Support - Support Cost Element Category Cost																			
TDC - PMA Contractor Services		-	-	-	-	-	1.801	-	-	1.184	-	-	1.243	-	-	-	-	-	1.243
TDC - PMA Other Government Costs		-	-	-	-	-	0.077	-	-	0.513	-	-	0.520	-	-	-	-	-	0.520
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	1.878	-	-	1.697	-	-	1.763	-	-	-	-	-	1.763
Gross/Weapon System Cost		-	-	-	-	-	13.937	-	-	14.032	-	-	3.990	-	-	-	-	-	3.990

Remarks:

- a. CONTROLLED ITEM will be funded with investment funds to purchase military communications equipment classified as critical protection items
- b. PROGRAM MANAGEMENT ADMINISTRATION (PMA): PMA for TDC supports the operation of the program office in its management and oversight role, to include engineering and technical support, as well as support activities for the program.
- c. DIRECT MISSION SUPPORT (DMS):
DMS for TDC includes all support associated with equipment installation, engineering, technical support orders, sustainment engineering, and implementation. This includes the initial bed down and operability testing, technical interchange meetings, and events associated with fielding both hardware and software products, and maintaining configuration control of fielded products.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	11.779	13.957	3.915	-	3.915
AFR	Quantity	-	-	-	-	-
	Total Obligation Authority	0.160	0.007	0.007	-	0.007
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	1.998	0.068	0.068	-	0.068
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	13.937	14.032	3.990	-	3.990

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7							P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment						Item Number / Title [DODIC]: - / ADV COMM SYS							
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total					
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-		-			
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		53.664		11.563		-		-		-		-			
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-		-			
Net Procurement (P1) <i>(\$ in Millions)</i>					-		53.664		11.563		-		-		-		-			
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-		-			
Total Obligation Authority <i>(\$ in Millions)</i>					-		53.664		11.563		-		-		-		-			
(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>(\$ in Dollars)</i>					-		-		-		-		-		-		-			
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																				
Recurring Cost																				
Single Channel Handheld Radio & Ancillaries	A	-	-	-	35,947.71	777	27.931	-	-	-	-	-	-	-	-	-	-	-	-	
Single Channel Handheld Radio & Ancillaries (1)	A	-	-	-	35,947.71	173	6.219	-	-	-	-	-	-	-	-	-	-	-	-	
Manpack & Ancillaries	A	-	-	-	34,902.74	293	10.227	29,233.45	359	10.495	-	-	-	-	-	-	-	-	-	
Manpack & Ancillaries (1)	A	-	-	-	34,902.74	173	6.038	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Recurring Cost		-	-	-	-	-	50.415	-	-	10.495	-	-	-	-	-	-	-	-	-	
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	50.415	-	-	10.495	-	-	-	-	-	-	-	-	-	
Support - Support Cost Element Category Cost																				
PMA Contractor Services		-	-	-	609,000.00	1	0.609	197,330.80	1	0.197	-	-	-	-	-	-	-	-	-	
PMA Other Government Costs		-	-	-	2,640K	1	2.640	870,862.20	1	0.871	-	-	-	-	-	-	-	-	-	
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	3.249	-	-	1.068	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost		-	-	-	-	-	53.664	-	-	11.563	-	-	-	-	-	-	-	-	-	
Remarks: a. Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items																				

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7	P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment	Item Number / Title [DODIC]: - / ADV COMM SYS

b. Program Management Administration (PMA):PMA supports AF JTRS program with Engineering and technical support, as well as, support activities for the program.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	41.407	11.563	-	-	-
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	12.257	-	-	-	-
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	53.664	11.563	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Air Force				Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7		P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment			Item Number / Title [DODIC]: - / TACTICAL AIR CONTROL PARTY-MOD	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	33.687	22.854	20.598	-	20.598
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	33.687	22.854	20.598	-	20.598
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	33.687	22.854	20.598	-	20.598
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
TARGETING DEVICES ICS	A	-	-	-	-	-	0.309	-	-	0.492	-	-	-	-	-	-	-	-	-
COMPUTERS (AD)	A	-	-	-	-	-	-	16,573.94	303	5.022	19,986.21	141	2.818	-	-	-	19,986.21	141	2.818
COMPUTERS (ANG)	A	-	-	-	-	-	-	16,544.55	101	1.671	19,986.21	47	0.939	-	-	-	19,986.21	47	0.939
MOBILE COMMUNICATIONS SYSTEM	A	-	-	-	40,241.86	215	8.652	37,000.00	1	0.037	158,307.84	6	0.950	-	-	-	158,307.84	6	0.950
MOUNTED COMMUNICATIONS CAPABILITIES	A	-	-	-	2,124K	1	2.124	2,615K	1	2.615	2,088K	1	2.088	-	-	-	2,088K	1	2.088
VOICE COMM PACKAGE	A	-	-	-	63,455.13	156	9.899	-	-	-	-	-	-	-	-	-	-	-	-
VIDEO RECEIVER (AD)	A	-	-	-	11,328.95	152	1.722	-	-	-	-	-	-	-	-	-	-	-	-
VIDEO RECEIVER ICS	A	-	-	-	-	-	-	-	-	0.084	-	-	0.086	-	-	-	-	-	0.086
VIDEO RECEIVER (ANG)	A	-	-	-	11,320.00	50	0.566	-	-	-	-	-	-	-	-	-	-	-	-
TACP CASS INTEGRATION	A	-	-	-	7,437K	1	7.437	8,906K	1	8.906	8,260K	1	8.260	-	-	-	8,260K	1	8.260
Subtotal: Recurring Cost		-	-	-	-	-	30.709	-	-	18.827	-	-	15.141	-	-	-	-	-	15.141
Non Recurring Cost																			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7						P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment						Item Number / Title [DODIC]: - / TACTICAL AIR CONTROL PARTY-MOD							

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
MOBILE COMMUNICATION SYSTEM	A	-	-	-	-	-	-	-	-	-	-	-	1.686	-	-	-	-	-	1.686
Subtotal: Non Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	1.686	-	-	-	-	-	1.686
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	30.709	-	-	18.827	-	-	16.827	-	-	-	-	-	16.827
Support - Support Cost Element Category Cost																			
PMA Contractor Services		-	-	-	2,826K	1	2.826	3,827K	1	3.827	3,569K	1	3.569	-	-	-	3,569K	1	3.569
PMA Other Gov't Costs		-	-	-	152,000.00	1	0.152	200,000.00	1	0.200	202,000.00	1	0.202	-	-	-	202,000.00	1	0.202
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	2.978	-	-	4.027	-	-	3.771	-	-	-	-	-	3.771
Gross/Weapon System Cost		-	-	-	-	-	33.687	-	-	22.854	-	-	20.598	-	-	-	-	-	20.598

Remarks:

- Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items
- In FY15, the MCS unit cost increase is due to additional voice and data channels. MCS non-recurring costs cover the intergration of COTS equipment that is going in the M-1165 HMMVs.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	33.121	21.183	19.659	-	19.659
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	0.566	1.671	0.939	-	0.939
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	33.687	22.854	20.598	-	20.598

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Exhibit P-5, Cost Analysis: PB 2015 Air Force													Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7							P-1 Line Item Number / Title: 837100 / Tactical C-E Equipment							Item Number / Title [DODIC]: - / SPECIAL TACTICS/COMBAT CONTROL							
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total	
Procurement Quantity (<i>Units in Each</i>)					-			-			-			-			-			-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)					-			10.933			14.465			16.648			-			16.648	
Less PY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Net Procurement (P1) (<i>\$ in Millions</i>)					-			10.933			14.465			16.648			-			16.648	
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-	
Total Obligation Authority (<i>\$ in Millions</i>)					-			10.933			14.465			16.648			-			16.648	
(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>\$ in Dollars</i>)					-			-			-			-			-			-	
# The FY 2015 OCO Request will be submitted at a later date.																					
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Hardware - Hardware Cost Element Category Cost																					
Recurring Cost																					
HUMAN MACHINE INTERFACE	A	-	-	-	54,699.42	173	9.463	-	-	-	46,222.00	60	2.773	-	-	-	46,222.00	60	2.773		
BAO KIT	A	-	-	-	-	-	-	47,925.17	147	7.045	52,084.34	83	4.323	-	-	-	52,084.34	83	4.323		
LINE OF SIGHT	A	-	-	-	-	-	-	212,000.00	27	5.724	225,110.00	35	7.879	-	-	-	225,110.00	35	7.879		
Subtotal: Recurring Cost			-	-	-	-	9.463	-	-	12.769	-	-	14.975	-	-	-	-	-	14.975		
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	-	-	9.463	-	-	12.769	-	-	14.975	-	-	-	-	-	14.975		
Support - Support Cost Element Category Cost																					
PMA CONTRACTOR SERVICES		-	-	-	1,430K	1	1.430	1,526K	1	1.526	1,598K	1	1.598	-	-	-	1,598K	1	1.598		
PMA OTHER GOVERNMENT COSTS		-	-	-	40,000.00	1	0.040	170,000.00	1	0.170	75,000.00	1	0.075	-	-	-	75,000.00	1	0.075		
Subtotal: Support - Support Cost Element Category Cost			-	-	-	-	1.470	-	-	1.696	-	-	1.673	-	-	-	-	-	1.673		
Gross/Weapon System Cost			-	-	-	-	10.933	-	-	14.465	-	-	16.648	-	-	-	-	-	16.648		
Remarks:																					
a. Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items																					
b. Program Management Administration (PMA): Cost support management with engineering and technical implementation. PMA supports Program TDC with Engineering, and technical support activities.																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base						P-1 Line Item Number / Title: 837170 / Combat Survivor Evader Locator						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	53,353	-	-	-	-	-	-	-	-	-	-	53,353
Gross/Weapon System Cost (<i>\$ in Millions</i>)	199.010	22.272	8.428	-	-	-	-	-	-	13.422	-	243.132
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	199.010	22.272	8.428	-	-	-	-	-	-	13.422	-	243.132
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	199.010	22.272	8.428	-	-	-	-	-	-	13.422	-	243.132
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	0.004	-	-	-	-	-	-	-	-	-	-	0.008
# The FY 2015 OCO Request will be submitted at a later date.												
Description: The Combat Survivor Evader Locator (CSEL) joint program replaces antiquated PRC-90 and PRC-112 survival radios with a modern survival radio system utilizing Selective Availability Anti-Spoofing Module (SAASM) Global Positioning System (GPS), Ultra High Frequency (UHF) satellite communications, and the Integrated Broadcast Service (IBS) to quickly locate, authenticate, and communicate with isolated personnel. The Air Force is the lead service and Air Combat Command is the lead command. The CSEL system is used by all the services and, potentially, non-DoD government agencies. Full-rate production of CSEL radios began in 2005. Ultimately the Air Force, Army, and Navy will procure approximately 62,000 CSEL radios, of which approximately 23,000 are for the Air Force. CSEL procurement eliminates the reliance of aircrews, recovery forces, and isolated personnel on Vietnam-era survival radio technology and improves survivability of these forces during combat missions. The CSEL radio system is comprised of three components: (1) a user segment consisting of a new multifunction, software reprogrammable handheld radio that incorporates military SAASM enabled GPS accuracy and security features, (2) a satellite communications segment incorporating four UHF Base Stations (UBS) co-located with military communications sites to support secure two-way over-the-horizon data messaging, and (3) a ground segment featuring a rescue center workstation and application software to enable routing of messages and two-way communication to/from isolated personnel. CSEL radio refers to the handheld radio only. CSEL ANCILLARY EQUIPMENT: Includes Radio Set Adapters (RSA), mission planning software, rechargeable and non-rechargeable batteries, battery chargers, charger adapters, battery discharge devices, training aids, radio repair kits, CSEL Planning Computer, RSA repair kits, Radio modification kits and UBS equipment. PRODUCTION ENGINEERING: Includes planning, directing, and controlling of the definition and production of CSEL radios inclusive of spares, incorporation of upgrade modifications, ancillary equipment, program office support, and other production-related activities. DIRECT MISSION SUPPORT: Includes equipment installation and data development associated with CSEL, including engineering data, management data, support data, and data repository. Funding for this effort is in program element 0305176F.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base	P-1 Line Item Number / Title: 837170 / Combat Survivor Evader Locator

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

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Combat Survivor Evader Locator	P-5		0.004	53,353	199.010	-	-	22.272	-	-	8.428	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			0.004	53,353	199.010	-	-	22.272	-	-	8.428	-	-	-	-	-	-	-	-	-

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

COMBAT SURVIVOR EVADER LOCATOR (CSEL): No FY15 funding requested.

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7							P-1 Line Item Number / Title: 837170 / Combat Survivor Evader Locator							Item Number / Title [DODIC]: - / Combat Survivor Evader Locator								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					53,353			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					199.010			22.272			8.428			-			-			-		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					199.010			22.272			8.428			-			-			-		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					199.010			22.272			8.428			-			-			-		
(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>(\$ in Millions)</i>					0.004			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)		
Hardware - Hardware Cost Element Category Cost																						
Recurring Cost																						
CSEL RADIO - AD	A	0.007	15,704	116.077	0.008	2,040	16.422	0.008	564	4.653	-	-	-	-	-	-	-	-	-			
RECHARGEABLE BATTERIES	A	0.000	30,840	6.660	-	4,080	0.966	-	1,128	0.268	-	-	-	-	-	-	-	-	-			
RADIO REPAIR KITS	A	0.000	2,613	0.405	-	2,040	0.510	-	564	0.141	-	-	-	-	-	-	-	-	-			
PRIME BATTERY	A	0.000	15,704	5.623	-	2,040	0.449	-	564	0.124	-	-	-	-	-	-	-	-	-			
RADIO SET ADAPTER (RSA)	A	0.004	2,657	11.181	0.004	170	0.658	0.004	47	0.180	-	-	-	-	-	-	-	-	-			
RADIO SET ADAPTER (RSA) REPAIR KITS	A	0.000	173	0.026	-	170	0.063	-	47	0.018	-	-	-	-	-	-	-	-	-			
RECHARGEABLE BATTERY ADAPTER	A	0.000	1,212	0.101	-	2,040	0.251	-	564	0.085	-	-	-	-	-	-	-	-	-			
CSEL PLANNING COMPUTERS	A	0.003	202	0.525	0.002	210	0.510	0.003	51	0.128	-	-	-	-	-	-	-	-	-			
Radio Modification Kits	A	0.002	15,768	31.537	-	-	-	0.003	173	0.575	-	-	-	-	-	-	-	-	-			
HHR TAC/TAG	A	-	-	-	-	-	-	0.002	1,000	1.600	-	-	-	-	-	-	-	-	-			
Subtotal: Recurring Cost		-	-	172.135	-	-	19.829	-	-	7.772	-	-	-	-	-	-	-	-	-			
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	172.135	-	-	19.829	-	-	7.772	-	-	-	-	-	-	-	-	-			
Support - Support Cost Element Category Cost																						
Production Engineering		-	-	6.462	-	-	0.338	-	-	0.320	-	-	-	-	-	-	-	-	-			
Direct Mission Support		-	-	0.486	-	-	1.465	-	-	0.336	-	-	-	-	-	-	-	-	-			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force												Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7						P-1 Line Item Number / Title: 837170 / Combat Survivor Evader Locator						Item Number / Title [DODIC]: - / Combat Survivor Evader Locator							

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Program Management Administration		-	-	19.927	-	-	0.640	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - Support Cost Element Category Cost		-	-	26.875	-	-	2.443	-	-	0.656	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		0.004	53,353	199.010	-	-	22.272	-	-	8.428	-	-	-	-	-	-	-	-	-

Remarks:

(1) Ancillary equipment includes, but is not limited to, varying quantities of radio set adapters (RSA), mission planning software, rechargeable and non-rechargeable batteries, battery chargers, charger adapters, battery discharge devices, training aids, radio repair kits, RSA repair kits, and UBS equipment. Costs per fiscal year are contingent upon total quantity purchased.

(2) Includes secret internet protocol router network, electronic proving ground, joint interoperability test command, Joint Personnel Recovery Agency, UBS support and other government and contractor travel/ support.

Procurement funding in FY11, FY12 reprioritized to purchase Radio Modification Kits to upgrade existing CSEL radios with the Terminal Area Communication/Terminal Area Guidance (TAC/TAG) capability. Procurement of TAC/TAG capable CSEL radios will begin in FY13. FY11 funds purchased all needed VHF/UHF Module (VUM) hardware and the effort to upgrade 3273 radios. In FY12, 4129 radios were upgraded and the remaining 9721 radios are being upgraded with FY13 funds.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base	P-1 Line Item Number / Title: 837190 / Radio Equipment

ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	13.558	12.341	14.846	-	14.846	13.132	13.726	13.968	14.219	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	13.558	12.341	14.846	-	14.846	13.132	13.726	13.968	14.219	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	13.558	12.341	14.846	-	14.846	13.132	13.726	13.968	14.219	Continuing	Continuing
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

This program procures, and integrates SCOPE Command High Frequency (HF) radio equipment, network infrastructure, and transmit/receive antennas for 13 strategically located ground stations worldwide. The need for modern, robust, and dependable stations with beyond line of sight radio coverage has been identified to ensure HF radio communications is available in additional areas of interest to the United States. High Frequency Global Communications System (HFGCS) is a Command and Control (C2) National Security System (NSS) and is the only global high-power HF C2 network serving the Department of Defense (DoD). HFGCS is a cost-effective, networked solution providing interoperable voice and data communications for strategic and tactical forces, services, and government agencies. HFGCS provides near-global, beyond line-of-sight, C2 communications to aircrews, ground troops, naval operations, and control stations and is the primary C2 resource for Air Mobility Command (AMC) cargo and tanker aircraft. Additional customers include the White House Communications Agency (WHCA), the US Air Force Global HF System, Defense Communications System HF Entry, US Navy High Command Network, and other US government agencies. HFGCS supports war plan dissemination and daily operational requirements for WHCA, Joint Chiefs of Staff (JCS), US Strategic Command, National Military Command Center's Emergency Action Message distribution, AMC Special Air Mission fleet communications, Air Combat Command, Air Intelligence Agency, Air Force Space Command (AFSPC), US Air Forces in Europe, Pacific Air Forces, and Combatant Commanders. HFGCS provides radio connectivity to other governmental organizations such as the Civil Air Patrol, Federal Emergency Management Agency, Transportation Security Administration, and the State Department. The HFGCS network supports the Overseas Contingency Operations (OCO) by providing secure, robust, physically diverse terrestrial and airborne transmission paths providing information services between fixed and deployed operating locations. Joint Chiefs of Staff letter, dated 22 January 1993, designated the Air Force as the executive agent for DoD high power fixed HF radio communications sites ashore and associated missions. Assistant Secretary of Defense letter, dated 29 March 1994, directed the Air Force to lead the effort to satisfy the services high frequency radio requirements through the use of the SCOPE Command contract. "SCOPE" is NOT an acronym. It is the name of a group of programs with similar underlying goals. HFGCS consists of the two major components: the radio/network infrastructure (SCOPE Command) and the antennas assets (Antenna Program Support) which communicate with mobile assets (aircraft, Navy ships, Coast Guard ships, etc.)

The High Frequency Global Communications System (HFGCS) (FY14-FY15) program supports three main projects:

1. SCOPE COMMAND HIGH FREQUENCY GLOBAL NEXT GENERATION CONSOLE (HFG NGC) Modification: FY15 continues the HFG NGC Modification by funding the installation of Increment 2, Security (Console Operator Access Restrictions/Public Key Infrastructure (COAR/PKI)) and funding the production of Increment 3, Software Tools (Built In Test (BIT) Enhancements/Radio Replacement/System Status). The Increment 2 (Security) production effort was funded in FY13 with completion expected in FY15. The Security increment consists of security enhancements for the HFGCS system to enable system administrators to apply operator restrictions; providing users access to the system to complete their own missions, while preventing users from interfering with other missions. In addition to COAR, the Security Increment also allows HFGCS to comply with Public Law mandate by integrating PKI into all information systems and previously developed architecture. PKI integration will allow the use of Common Access Cards in all ground equipment and web servers within the SCOPE Command subsystem, decreasing the risk of unauthorized access into the HFGCS system. The HFG NGC PKI software will be installed to all of the Any Console/Any Station (ACAS) consoles.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base	P-1 Line Item Number / Title: 837190 / Radio Equipment

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

The HFG NGC Increment 3, Software Tools mod will provide the operators/administrators tools to view the operational state of all stations and sites by modifying software to allow for BIT history; provide system status; and allow replacement of the Automated Link Establishment (ALE) radio on faults. The new Automated Link Establishment/Graphical User Interface (ALE/GUI) will increase operator and system efficiency (For example, reducing the number of operator steps required to build circuits while better organizing the user interface elements, dramatically increasing operator proficiency.) The HFG NGC Increment 3 (Software Tools) production is planned to be completed in FY17. A separate contract effort for installation of Increment 3, Software Tools, is planned for FY17. The HFG NGC also funds for a share of weapon system infrastructure support to include preliminary system engineering, testing, and shipping requirements as well as advisory and assistance support and acquisition related travel for the program.

2. HIGH FREQUENCY GLOBAL ANTENNA REPLACEMENT (HFG Ant Repl): Majority of the system's antennas have been in operation for 25 to 40 years and have been subjected to degradation due to exposure to severe environmental conditions, salt water, and hurricane force winds. FY15 funds continue the replacement of critical antennas at multiple HFGCS sites; actual locations and antenna selections will be based on technical assessment of the antenna's condition and the operational requirements of the weapon system during execution. Potential replacements have been identified at Joint Base Andrews, West Coast, Guam, Sigonella, Diego Garcia, Elmendorf, Offutt, Yokota, and Hawaii. The replacement antennas not only improve network coverage and reliability, but also bring the antenna fields into compliance with mandated safety codes and to meet minimum antenna complement requirements set forth by lead command at AFSPC. The HFG Ant Repl effort also funds for a share of weapon system infrastructure support to include preliminary system engineering, testing, and shipping requirements as well as advisory and assistance support and acquisition related travel for the program office.

3. HIGH FREQUENCY GLOBAL EMAIL REDUNDANCY (HFG EMR): No FY15 funds required for HF EMR. HF EMR provides for a true redundant HF Email delivery capability from either Network Control Station (NCS). This effort provides the necessary software and hardware changes needed to add HF Email for Secret Internet Protocol Router Network (SIPRNet) and Non-Secure Internet Protocol Router Network (NIPRNET) at Grand Forks NCS; upgrades software and hardware (for compatibility/sustainment) for the Andrews NCS; and provides program management for the projects. The existing HF Email platform software will be unsupported in FY15. HF Email is a staple capability for many missions, providing high reliability and assured delivery of critical C2 data to mobile C2 platforms using standard email programs. This optimization reduces the equipment profile from 26 servers to two servers and enables HF email servers to maintain email delivery should a failure occur at the primary location (currently Joint Base Andrews). Without this capability, the weapon system will continue the single point of failure at Andrews NCS for HF Email. Installation of the HF Email architecture upgrade will be completed in early FY15. The HFG EMR effort also included costs for a share of weapon system infrastructure support to include preliminary system engineering, testing, and shipping requirements as well as advisory and assistance support and acquisition related travel for the program office.

Funding for this effort is in program element 0303133F.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - HFGCS Email Architecture Upgrades/ Redundancy	P-5		-	-	-	-	-	1.883	-	-	-	-	-	-	-	-	-	-	-	-
Item - SCOPE Command Next Generation Console	P-5		-	-	-	-	-	4.328	-	-	9.204	-	-	5.091	-	-	-	-	-	5.091
Item - Antenna Replacement Program	P-5		-	-	-	-	-	7.347	-	-	3.137	-	-	9.755	-	-	-	-	-	9.755
Total Gross/Weapon System Cost			-	-	-	-	-	13.558	-	-	12.341	-	-	14.846	-	-	-	-	-	14.846

*For Items, Title represents the Item Number / Title [DODIC].

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base		P-1 Line Item Number / Title: 837190 / Radio Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: 1. SCOPE COMMAND HIGH FREQUENCY GLOBAL NEXT GENERATION (NEXTGEN) REMOTE CONSOLE: : FY15 continues the HFG NGC Modification by funding the installation of Increment 2, Security (Console Operator Access Restrictions/Public Key Infrastructure (COAR/PKI)) and funding the production of Increment 3, Software Tools (Built In Test (BIT) Enhancements/Radio Replacement/System Status). The Increment 2 (Security) production effort was funded in FY13 with completion expected in FY15. The HFG NGC Increment 3 (Software Tools) production is planned to be completed in FY17. A separate contract effort for installation of Increment 3, Software Tools, is planned for FY17. HFG NGC also includes funds for a share of weapon system infrastructure support to include preliminary system engineering, testing, and shipping requirements as well as advisory and assistance support and acquisition related travel for the program office. 2. HIGH FREQUENCY GLOBAL ANTENNA REPLACEMENT: FY15 funds continue the replacement of antennas at thirteen stations. FY15 funds continue the replacement of critical antennas and their associated costs at multiple HFGCS sites; actual locations and antenna selections will be based on technical assessment of the antenna's condition and the operational requirements of the weapon system during execution. Potential replacements have been identified at Joint Base Andrews, Ascension, West Coast, Guam, Sigonella, Diego Garcia, Elmendorf, Offutt, Yokota, and Hawaii. The HFG Ant Repl effort also includes funds for a share of weapon system infrastructure support to include preliminary system engineering, testing, and shipping requirements as well as advisory and assistance support and acquisition related travel for the program office. 3. HIGH FREQUENCY GLOBAL EMAIL REDUNDANCY: No FY15 funds requested.		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7							P-1 Line Item Number / Title: 837190 / Radio Equipment							Item Number / Title [DODIC]: - / HFGCS Email Architecture Upgrades/ Redundancy						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total					
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-					
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		1.883		-		-		-		-					
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Net Procurement (P1) <i>(\$ in Millions)</i>					-		1.883		-		-		-		-					
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Total Obligation Authority <i>(\$ in Millions)</i>					-		1.883		-		-		-		-					
(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>(\$ in Millions)</i>					-		-		-		-		-		-					
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Software - Software Cost Element Category Cost																				
Non Recurring Cost																				
HFGCS Email Architecture Upgrades/ Redundancy ⁽¹⁾		A	-	-	-	1.883	1	1.883	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Non Recurring Cost			-	-	-	-	-	1.883	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Software - Software Cost Element Category Cost			-	-	-	-	-	1.883	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost			-	-	-	-	-	1.883	-	-	-	-	-	-	-	-	-	-	-	
Remarks: Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items																				
Footnotes: ⁽¹⁾ Effort consists of a single project with multiple low-quantity subsets that have an individual cost of less than \$5 million																				

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Exhibit P-5, Cost Analysis: PB 2015 Air Force											Date: March 2014									
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7						P-1 Line Item Number / Title: 837190 / Radio Equipment						Item Number / Title [DODIC]: - / SCOPE Command Next Generation Console								
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total					
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-					
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		4.328		9.204		5.091		-		5.091					
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Net Procurement (P1) <i>(\$ in Millions)</i>					-		4.328		9.204		5.091		-		5.091					
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-					
Total Obligation Authority <i>(\$ in Millions)</i>					-		4.328		9.204		5.091		-		5.091					
(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>(\$ in Millions)</i>					-		-		-		-		-		-					
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																				
Recurring Cost																				
Next Generation Console Framework, Security, Console Operator Access Restrictions, and System Eff... ⁽²⁾		A	-	-	-	3.766	1	3.766	4.329	2	8.658	2.261	2	4.521	-	-	-	2.261	2	4.521
Subtotal: Recurring Cost			-	-	-	-	-	3.766	-	-	8.658	-	-	4.521	-	-	-	-	-	4.521
Subtotal: Hardware - Hardware Cost Element Category Cost			-	-	-	-	-	3.766	-	-	8.658	-	-	4.521	-	-	-	-	-	4.521
Command and Launch - CommandAndLaunch Cost Element Category Cost																				
Direct Mission Support (DMS) [Systems Engineering, Testing, Shipping] ⁽³⁾			-	-	-	-	-	0.332	-	-	0.230	-	-	0.300	-	-	-	-	-	0.300
PMA Contractor Services			-	-	-	-	-	0.177	-	-	0.247	-	-	0.200	-	-	-	-	-	0.200
PMA Other Government Costs			-	-	-	-	-	0.053	-	-	0.069	-	-	0.070	-	-	-	-	-	0.070
Subtotal: Command and Launch - CommandAndLaunch Cost Element Category Cost			-	-	-	-	-	0.562	-	-	0.546	-	-	0.570	-	-	-	-	-	0.570
Gross/Weapon System Cost			-	-	-	-	-	4.328	-	-	9.204	-	-	5.091	-	-	-	-	-	5.091

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7	P-1 Line Item Number / Title: 837190 / Radio Equipment	Item Number / Title [DODIC]: - / SCOPE Command Next Generation Console
Remarks: Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items		
Footnotes: (2) Effort consists of a single project with multiple low-quantity subsets that have an individual cost of less than \$5 million ; Due to common areas of equipment and software modification, the Console Voice and Control Upgrade and the Public Key Infrastructure (PKI) projects have been consolidated with the Next Generation Remote Console project as a cost saving measure. Next Generation Console incorporates required security upgrades, including PKI and access restrictions to maintain mission integrity (3) Direct Mission Support (DMS) includes Systems Engineering, Shipping and Testing for Acquisition Projects		

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Exhibit P-5, Cost Analysis: PB 2015 Air Force														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7							P-1 Line Item Number / Title: 837190 / Radio Equipment							Item Number / Title [DODIC]: - / Antenna Replacement Program					
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					-		7.347		3.137		9.755		-		9.755				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					-		7.347		3.137		9.755		-		9.755				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					-		7.347		3.137		9.755		-		9.755				
(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>(\$ in Millions)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
HFGCS Station Antenna Replacements ⁽⁴⁾	A	-	-	-	0.958	7	6.705	0.861	3	2.583	1.084	9	9.755	-	-	-	1.084	9	9.755
Puerto Rico Asbestos Abatement ⁽⁵⁾	A	-	-	-	0.263	1	0.263	-	-	-	-	-	-	-	-	-	-	-	-
Antenna Station Engineering Site Surveys (8 stations) ⁽⁶⁾	A	-	-	-	0.095	4	0.379	0.125	4	0.500	-	-	-	-	-	-	-	-	-
Antenna Site Support Equipment ⁽⁷⁾	A	-	-	-	-	-	-	-	-	0.054	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	7.347	-	-	3.137	-	-	9.755	-	-	-	-	-	9.755
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	7.347	-	-	3.137	-	-	9.755	-	-	-	-	-	9.755
Gross/Weapon System Cost		-	-	-	-	-	7.347	-	-	3.137	-	-	9.755	-	-	-	-	-	9.755
Remarks: Controlled Item will be funded with investment funds to purchase military communications equipment classified as critical protection items																			
Footnotes:																			

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Exhibit P-5, Cost Analysis: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7	P-1 Line Item Number / Title: 837190 / Radio Equipment	Item Number / Title [DODIC]: - / Antenna Replacement Program
⁽⁴⁾ Effort consists of a single project with multiple low-quantity subsets that have an individual cost of less than \$5 million ; Due to site-specific requirements and type of antenna procured and installed, unit antenna costs will vary greatly among requirements, resulting in unit cost differences among fiscal years. The average unit cost for all requirements each year is displayed; FY2015 - Replacement of 9 antennas. Replacement of these antennas takes between 12 and 18 months after contract award with tasks starting with site survey and ending with Government acceptance. ⁽⁵⁾ Effort consists of a single project with multiple low-quantity subsets that have an individual cost of less than \$5 million ; Due to site-specific requirements and type of antenna procured and installed, unit antenna costs will vary greatly among requirements, resulting in unit cost differences among fiscal years. The average unit cost for all requirements each year is displayed ⁽⁶⁾ Effort consists of a single project with multiple low-quantity subsets that have an individual cost of less than \$5 million ⁽⁷⁾ Reference footnote (5)		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base							P-1 Line Item Number / Title: 837240 / CCTV/Audiovisual Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	9.634	7.949	3.635	-	3.635	7.584	6.741	4.955	5.058	-	45.556
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	9.634	7.949	3.635	-	3.635	7.584	6.741	4.955	5.058	-	45.556
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	9.634	7.949	3.635	-	3.635	7.584	6.741	4.955	5.058	-	45.556
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: PE 0102890F VISUAL INFORMATION ACTIVITIES - STRATEGIC Imagery Acquisition and Audiovisual (AV) systems and their products are used throughout the Air Force to inform and train warfighters and to document combat operations and other events of historical significance. Combat video documentation is used for operational reporting and analysis, situational awareness, battle damage assessment, intelligence and operational analysis, casualty identification, and the historical record. In addition, video and multimedia based products are developed for warfighter operations, readiness training, medical videography, public and internal information, testing and evaluation, and corporate communications. Commanders recognize that imagery quickly conveys very accurate and unbiased information, and are requiring greater amounts of video imagery to help meet the challenges of a very active warfighting force. The Air Force is meeting this challenge by dedicating funding to procure and sustain this important capability by replacing older video studio systems with newer and more capable equipment and systems for both Air Force video production and combat/contingency documentation teams. Imagery acquisition systems are centrally managed to establish and maintain standardization of systems, as well as to ensure full interoperability with all other electronic image acquisition, transmission system formats, and presentation systems used in the Air Force. PE 0305550F IT SERVICES MANAGEMENT - OTHER WESTERN TEST RANGE DIGITAL IMAGING SYSTEMS: This program replaces obsolete, 35 year-old high-speed engineering film cameras with high-speed digital imaging systems. This capital equipment replacement procures items to maintain current capability. These cameras are mounted on mobile optical tracking systems and on camera towers next to the launch pad to provide detailed slow motion photography of the launch events. The cameras support satellite, ballistic, missile defense, and aeronautical missions on the Western Test Range and at Kodiak Island, Alaska. The optical data acquired by these engineering camera systems is a vital part of post flight performance analysis of all space and ballistic launch operations and is critical for Test and Evaluation programs now being conducted by the Missile Defense Agency (MDA) at Vandenberg AFB. Optical tracking provides detailed engineering sequential photography for anomaly resolution and accident reconstruction at distances up to 60 kilometers, and is required for all current and future MDA tests and Delta IV, Atlas IV, Delta II, Peacekeeper, Minuteman, Airborne Laser, Kinetic Kill Vehicle, and commercial space launches. These digital systems replace film camera systems that are no longer logistically supportable.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base												P-1 Line Item Number / Title: 837240 / CCTV/Audiovisual Equipment									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - CCTV/AUDIO VISUAL EQUIPMENT	P-40a	A	-	-	-	-	-	5.359	-	-	4.426	-	-	1.990	-	-	-	-	-	1.990	
Item - Western Test Range Digital Imaging Systems Equipment	P-40a	A	-	-	-	4.275	1	4.275	3.523	1	3.523	1.645	1	1.645	-	-	-	1.645	1	1.645	
Total Gross/Weapon System Cost			-	-	-	-	-	9.634	-	-	7.949	-	-	3.635	-	-	-	-	-	3.635	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0102890F VISUAL INFORMATION ACTIVITIES - STRATEGIC FY15 Funds procure items to meet AF mandates from CJCSI 3205.01C, DODI 5040.02, and AFI 35-109. These policy documents exist to ensure DoD and AF compliance with public laws: 36 CFR 1237/1220 and Title 44 Chapters 3301/3101. These funds are used for audio/visual equipment funding at the only three AF active duty COMCAM squadrons, which provide lobal/deployable rapid response during wartime operations, worldwide crises, contingencies, joint exercises, and humanitarian operations. Additionally, these funds procure audio/visual equipment supporting AF-wide(garrison and deployed) needs for photo, graphics and video products that aid public diplomacy, internal/external communication, information operations, operational/planning efforts, and effective/efficient training. PE 0305550F IT SERVICES MANAGEMENT - OTHER WESTERN TEST RANGE DIGITAL IMAGING SYSTEMS: FY15 funding continues the multiyear replacement of engineering film cameras with high-speed digital imaging and infrared (IR) systems along with mobile tracking mounts to support digital cameras. Funding provides life cycle replacement of obsolete equipment with high speed definition cameras for recording optical data for launch requirements, mid-wave IR sensors and recorders for engine performance and accident investigation details to aid evaluation teams, and near IR cameras that operate below the range of visible sensors.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Number / Title:								Aggregated Items Title:					
3080F / 03 / 7							837240 / CCTV/Audiovisual Equipment								CCTV/Audiovisual Equipment					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
CCTV/AUDIO VISUAL EQUIPMENT	A		-	-	-	-	-	5.359	-	-	4.426	-	-	1.990	-	-	-	-	-	1.990
Subtotal: Uncategorized			-	-	-	-	-	5.359	-	-	4.426	-	-	1.990	-	-	-	-	-	1.990
Total			-	-	-	-	-	5.359	-	-	4.426	-	-	1.990	-	-	-	-	-	1.990

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7							P-1 Line Item Number / Title: 837240 / CCTV/Audiovisual Equipment							Aggregated Items Title: CCTV/Audiovisual Equipment						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Western Test Range Digital Imaging Systems Equipment	A		-	-	-	4.275	1	4.275	3.523	1	3.523	1.645	1	1.645	-	-	-	1.645	1	1.645
Subtotal: Uncategorized			-	-	-	-	-	4.275	-	-	3.523	-	-	1.645	-	-	-	-	-	1.645
Total			-	-	-	-	-	4.275	-	-	3.523	-	-	1.645	-	-	-	-	-	1.645

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base							P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	73.493	34.318	79.607	-	79.607	62.771	57.207	42.696	43.464	-	393.556
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	73.493	34.318	79.607	-	79.607	62.771	57.207	42.696	43.464	-	393.556
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	73.493	34.318	79.607	-	79.607	62.771	57.207	42.696	43.464	-	393.556
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: The Base Communications Infrastructure (BCI) program enables timely and assured delivery of data and voice communications supporting a wide range of Air Force organizations and decision makers. This program provides Air Force (AF) Major Commands (MAJCOMs), the Air Reserve Component (ARC), including the Air National Guard (ANG) and the Air Force Reserve (AFR), with effective Command and Control (C2) of information systems by procuring robust base communications infrastructure that every worker, office, and organization depends on to perform their mission. BCI supports upward-generated communications requirements from the MAJCOM and ARC respective bases. BCI funding supports life cycle management of network servers, routers, ductwork, cables, Local Area Networks (LANs), voice and data switches, Land Mobile Radio (LMR) systems, and end building node hardware in order to maintain consistent, compatible, and interoperable infrastructure and architecture. MAJCOM and ARC bases require their own communications infrastructure funds to tailor the base communications environment to specific operational missions supported by the base. Funds are also needed at MAJCOM and base level to provide communications infrastructure to meet evolving mission requirements, support military construction projects and handle the multitude of smaller, individual communications, computer, air traffic control and weather instrumentation connectivity needs, and OCONUS postal operations support. The ANG funds their entire base communications procurement requirement within the BCI program line. While BCI funds upward-generated requirements, AF-wide downward-directed efforts which provide base-wide fiber optic networks, support enterprise network management systems, and procure digital voice/data/video systems are funded under the "Base Information Transport Infrastructure" and "Air Force Network" budget lines.												
PE 0207138F F-22A SQUADRONS												
F-22 Deployable Debrief Facility(DDF) Communications Equipment: DDFs are an essential part of F-22 deployments. F-22 units procured by Air Combat Command (ACC) require secure, mobile communications facilities for conducting special access work away from home station. DDF communications equipment support F-22 mission planning and debriefing for both operations and maintenance personnel. DDFs support the special access workload of the F-22s. 1st and 2nd Generation DDFs are wearing out from nearly continuous deployments over the last nine years. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 6. This is not a New Start.												
PE 0207425F AF NETWORK OPERATIONS AND COMMAND COMMUNICATIONS												
AF Network Operations (AFNETOPS): AFNETOPS with Air Force Space Command (AFSPC) oversight provides the AF with operations and security functions, central management of core Information Technology (IT) services, enterprise trouble desk support, and network control. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 11. This is not a New Start.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base		P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
PE 0207436F ENGINEERING AND INSTALLATION (E&I) SUPPORT		
AFSPC Lead Command Base Communications Infrastructure: HQ USAF PAD 07-08 (C-3) designated AFSPC as "the lead AF MAJCOM responsible for organizing, training and equipping, Air Forces capable of conducting prompt and sustained cyberspace operations." E&I supports enterprise network capability and life cycle replacement of common user communications systems, AF Network Defensive capabilities, as well as Installation Emergency Management (IEM) infrastructure. E&I funds support communications availability and reliability, providing consistent, compatible, and interoperable capability through advanced technology and architecture. Installations include network communications infrastructure, fiber optic and copper cabling, and associated manhole duct systems for cable projects. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 11. This is not a New Start.		
PE 0208059F, CYBER COMMAND ACTIVITES		
USCYBERCOM Communications Infrastructure: USCYBERCOM responsibilities include planning and coordinating Computer Network Operations (CNO) capabilities; operational and tactical level planning and day-to-day employment of assigned and attached Offensive Cyber Operations (OCO) forces; and planning and coordination of cyber capabilities that have trans-regional effects or that directly support national objectives; and providing OCO/DCO support for assigned missions. Base communications infrastructure (e.g., servers, routers, Local Area Networks (LANs), End Building Node (EBN) hardware) supports ongoing USCYBERCOM activities. This is a new requirement with funding currently scheduled to begin in FY16.		
PE 0208550F IT SERVICES MANAGEMENT, TACTICAL AIR FORCES		
a. AIR FORCE SPECIAL OPERATIONS COMMAND (AFSOC) Base Communications Infrastructure Equipment: This equipment supports more than 18,000 AFSOC active-duty, Air Force Reserve, Air National Guard and civilian personnel and allow AFSOC to meet the mission of presenting combat ready forces to conduct and support global special operations missions. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 8. This is not a New Start.		
b. PACIFIC AIR FORCES (PACAF) Base Communications Infrastructure Equipment: PACAF network equipment and life cycle replacement of base information technology systems supports base operations, command-wide connectivity, and transformation efforts. The large geographic separation throughout PACAF significantly raises the importance of a robust communications infrastructure to ensure war fighter access to secure voice, data, and video systems. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 5. This is not a New Start.		
c. ACC Base Communications Infrastructure Equipment: ACC base communications funds support life cycle management of network servers, routers, ductwork, cables, LANs, voice and data switches, LMR systems, and end building node hardware. This infrastructure meets the requirements of ACC's 83,000 active-duty members and civilians at 14 major bases throughout the United States. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 6. This is not a New Start.		
d. UNITED STATES AIR FORCE EUROPE (USAFE) Base Communications Infrastructure Equipment: USAFE base communications funding supports the acquisition, and installation of base network infrastructures, especially C2 communications, located at USAFE Main Operating Bases (MOBs) and Geographically Separated Units (GSUs) consisting of a HQ, one numbered Air Force, seven MOBs and 137 GSUs. Specific critical base communications infrastructure provide support for Headquarters, Warfighting Numbered Air Force and Operational wings, flight support, emergency actions, and intelligence operations. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 3. This is not a New Start.		
PE 0303126F LONG HAUL COMMUNICATIONS		
USAFE Technical Control Facility Program Equipment: This USAFE program replaces circuit distribution systems in technical control facilities and throughout base communications infrastructure. This capability addresses USAFE distribution of circuits from the long haul point of presence to the on base circuit termination point. Distribution equipment using copper cable is being replaced by fiber optic equipment to meet specifications required to connect Defense Information Systems Agency (DISA) long haul circuit equipment to base facilities. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 2. This is not a New Start.		
PE 0305155F THEATER NUCLEAR WEAPON STORAGE AND SECURITY SYSTEM		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base		P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Theater Nuclear Weapon Storage and Security System (WS3) Communications Infrastructure Equipment: Funds support the procurement of communications equipment and buried cable and alarm equipment. These efforts directly impact WS3 weapon storage containers to be installed in theater strike aircraft shelters to allow co-storage of nuclear weapons and strike aircraft. This is a new requirement with funding currently scheduled to begin in FY16. PE 0305550F IT SERVICES MANAGEMENT, OTHER a. AIR FORCE DISTRICT OF WASHINGTON (AFDW) Base Communications Infrastructure Equipment: Funds support the procurement of network infrastructure replacements, and support of AFDW's classified and unclassified networks. These efforts directly impact accomplishment of the AF mission at all levels such as strategic decision making, execution of operations, and support to US senior leadership including the POTUS, SECDEF, CJCS, and the CSAF. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 9. This is not a New Start. b. AFSPC Base Communications Infrastructure Equipment: Procurements ensure base-level network access for more than 40,000 AFSPC professionals including military, civilians and contractors. Funding support base operations by providing required AFSPC-wide hardware and software purchases, ensuring the deployment of consistent, compatible, and interoperable communications technology. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 11. This is not a New Start. PE 0408550F IT SERVICES MANAGEMENT, MOBILITY a. Air Mobility Command (AMC) Base Communications Infrastructure Equipment: Funds support the procurement of network infrastructure replacements in support of mobility operations. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 7. This is not a New Start. b. AFDW Base Communications Infrastructure Equipment: Funds support network infrastructure replacements and AFDW's classified and unclassified networks. These efforts directly support strategic decision making, execution of operations, and support to US senior leadership including the POTUS, SECDEF, CJCS, and the CSAF. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 9. This is not a New Start. PE 0505550F IT SERVICES MANAGEMENT, AF RESERVE AFRC Base Communications Infrastructure Equipment: Funds provide for recapitalization, and support of base communications infrastructure at AFRC, an AF MAJCOM consisting of a HQ, three Numbered Air Forces (NAFs), 45 flying wings/groups and more than 40 Geographically Separated Units; Air Reserve Personnel Center (ARPC) and the Major Command Coordinating Center (MCCC). Funding supports AFR-wide programs providing base communications infrastructure consistency. Funding provides AFR-wide hardware and software purchases, thus ensuring the deployment of consistent, compatible, and interoperable technology and architecture. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 10. This is not a New Start. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. PE 0508550F IT SERVICES MANAGEMENT, AIR NATIONAL GUARD (ANG) ANG Base Communications Infrastructure Equipment: Funds provide for life cycle support of base communications infrastructure at 89 ANG flying wings and more than 106 GSUs, including the ANG Network Operations and Security Center (NOSC). Funds support ANG-wide base communications infrastructure projects consistent with AF IT standards and for compatibility of the ANG enterprise with the AF and the Department of Defense (DoD) centralized networks. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 1. This is not a New Start. PY funding totals include \$0.554M for Overseas Contingency Operations (OCO). In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. PE 0708550F IT SERVICES MANAGEMENT, LOGISTICS		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base	P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure

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

AFMC Network Equipment: This program supports procurement of LMR trunking systems at AFMC locations in direct support for emergency responders participating in base, local, civil, and federal disaster response as well as Battle Staff and Crisis Action Team (CAT) operations. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 4. This is not a New Start.

PE 0808550F IT SERVICES MANAGEMENT, TRAINING

AIR EDUCATION AND TRAINING COMMAND (AETC) Base Communications Infrastructure Equipment: Funds support base-approved and MAJCOM-validated communications requirements as identified in base communications blueprints. These support the flying and technical training, education, recruiting, and accession mission, command and control, as well as first responder services at all 11 AETC bases. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 3. This is not a New Start.

PE 0908550F IT SERVICES MANAGEMENT, ADMINISTRATIVE

AFDW Base Communications Infrastructure Equipment: Funds support the procurement of network infrastructure replacements for AFDW's classified and unclassified networks. These efforts directly support strategic decision making, execution of operations, and support to US senior leadership including the POTUS, SECDEF, CJCS, and the CSAF. This is a continuing requirement and was previously justified in the FY14 PB BCI exhibit under Program Justification, Section 9. This is not a New Start.

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

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AFNG	Quantity	1	1	1	-	1	-	-	-	-
	Total Obligation Authority	6.069	12.486	13.217	-	13.217	-	-	-	-
AFR	Quantity	1	1	1	-	1	-	-	-	-
	Total Obligation Authority	0.304	0.241	0.319	-	0.319	-	-	-	-
Total: Secondary Distribution	Quantity	2	2	2	-	2	-	-	-	-
	Total Obligation Authority	6.373	12.727	13.536	-	13.536	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - F-22 Deployable Debrief Facility Communications Equipment	P-40a	A	-	-	-	0.577	1	0.577	0.971	1	0.971	1.072	1	1.072	-	-	-	1.072	1	1.072
Item - AFNETOPS Network Communications Equipment	P-40a	A	-	-	-	0.367	1	0.367	0.559	1	0.559	0.846	1	0.846	-	-	-	0.846	1	0.846

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force												Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base									P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:								
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - AFSPC Lead Command Base Communications Infrastructure	P-40a	A	-	-	-	39.724	1	39.724	5.426	1	5.426	36.884	1	36.884	-	-	-	36.884	1	36.884
Item - USCYBERCOM Base Comm Infrastructure Equipment	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - AFSOC Base Communications Infrastructure Equipment	P-40a	A	-	-	-	0.619	1	0.619	0.491	1	0.491	0.650	1	0.650	-	-	-	0.650	1	0.650
Item - PACAF Base Communications Infrastructure Equipment	P-40a	A	-	-	-	0.688	1	0.688	0.186	1	0.186	1.024	1	1.024	-	-	-	1.024	1	1.024
Item - ACC Base Communications Infrastructure Equipment	P-40a	A	-	-	-	0.568	1	0.568	-	-	-	0.788	1	0.788	-	-	-	0.788	1	0.788
Item - USAFE Base Communications Infrastructure Equipment	P-40a	A	-	-	-	2.805	1	2.805	1.528	1	1.528	4.000	1	4.000	-	-	-	4.000	1	4.000
Item - USAFE Technical Control Facility Program Equipment	P-40a	A	-	-	-	1.392	1	1.392	0.377	1	0.377	0.648	1	0.648	-	-	-	0.648	1	0.648
Item - AFDW Base Communications Infrastructure Equipment	P-40a	A	-	-	-	5.996	1	5.996	3.758	1	3.758	6.031	1	6.031	-	-	-	6.031	1	6.031
Item - AFSPC Base Communications Infrastructure Equipment	P-40a	A	-	-	-	9.441	1	9.441	3.566	1	3.566	8.559	1	8.559	-	-	-	8.559	1	8.559
Item - AMC Base Communications Infrastructure Equipment	P-40a	A	-	-	-	0.273	1	0.273	-	-	-	-	-	-	-	-	-	-	-	-
Item - AFDW Base Communications Infrastructure Equipment	P-40a	A	-	-	-	-	-	-	0.854	1	0.854	0.853	1	0.853	-	-	-	0.853	1	0.853
Item - AFRC Base Communications Infrastructure Equipment	P-40a	A	-	-	-	0.304	1	0.304	0.241	1	0.241	0.319	1	0.319	-	-	-	0.319	1	0.319
Item - ANG Base Communications Infrastructure Equipment	P-40a	A	-	-	-	6.069	1	6.069	12.486	1	12.486	13.217	1	13.217	-	-	-	13.217	1	13.217
Item - AFMC Base Communications Infrastructure Equipment	P-40a	A	-	-	-	1.794	1	1.794	1.985	1	1.985	2.263	1	2.263	-	-	-	2.263	1	2.263

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base												P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - AETC Base Communications Infrastructure Equipment	P-40a	A	-	-	-	1.945	1	1.945	1.890	1	1.890	2.453	1	2.453	-	-	-	2.453	1	2.453	
Item - AFDW Network Equipment	P-40a	A	-	-	-	0.931	1	0.931	-	-	-	-	-	-	-	-	-	-	-	-	
Total Gross/Weapon System Cost			-	-	-	-	-	73.493	-	-	34.318	-	-	79.607	-	-	-	-	-	79.607	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: PE 0207138F F-22A SQUADRONS F-22 DDF Communications Equipment: FY15 funds will be used by ACC to buy a 3rd Generation shelter including communications equipment to replace older Generation shelters purchased for early F-22 squadrons. Additionally, communications infrastructure requirements in support of F-22 aircraft will be funded in FY15. PE 0207425F AF NETWORK OPERATIONS AND COMMAND COMMUNICATIONS AF Network Operations (AFNETOPS): FY15 funds procure network control equipment and monitoring tools for AFSPC to provide enterprise network operations and cyber security in support of AFNETOPS. Equipment monitors network equipment and checks circuits for traffic volumes, infrastructure degradation, and security anomalies enabling adjustment of network parameters as needed. PE 0207436F ENGINEERING AND INSTALLATION (E&I) SUPPORT AFSPC Lead Command Base Communications Infrastructure: FY15 E&I funds ensure life cycle support to keep base communications infrastructure on pace with current technological developments. FY15 funds base communications infrastructure support to include LMR system replacement, communications cable reutilization and redistribution, and base telephone switch replacement. PE 0208059F, CYBER COMMAND ACTIVITES USCYBERCOM Communications Infrastructure: No FY15 funding requested. PE 0208550F IT SERVICES MANAGEMENT, TACTICAL AIR FORCES a. AFSOC Base Communications Infrastructure Equipment: FY15 funds will be used by AFSOC to recapitalize data, voice, and video equipment supporting AFSOC forces organized under three active-duty wings, one reserve wing, one National Guard wing, two overseas groups, and several direct reporting units. b. PACAF Base Communications Infrastructure Equipment: FY15 funding supports PACAF's acquisition and installation of Unified Capabilities (UC) at remote and Geographically Separated Unit (GSU) locations. Procurements include Voice over IP (VoIP) solutions at Suwon, Taegu, and Kimhae Air Bases Republic of Korea (ROK). Replacing the obsolete telephone switches at these locations with VoIP will ensure vital C2 voice is available for deploying squadrons at these (flex base) locations. This capability directly supports COMPACAF's flexible basing strategy for the Pacific region.																					

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base		P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
c. ACC Base Communications Infrastructure Equipment: FY15 funds continue life cycle support of base communications infrastructure at ACC bases and replaces outdated network voice and data equipment hardware to meet mission requirements of ACC's C2 and mission support users. d. USAFE Base Communications Infrastructure Equipment: FY15 funds replace USAFE's outdated Land Mobile Radio distribution systems between intrabase communication networks/nodes thereby eliminating bottlenecks in Trunking Systems across USAFE MOBs and GSUs. Base network infrastructure procurements meet network communications requirements for USAFE users at MOBS and GSUs. PE 0303126F LONG HAUL COMMUNICATIONS USAFE Technical Control Facility Program Equipment: FY15 funding continues the Technical Control Facility Program life cycle replacement of outdated data transfer/distribution systems between intrabase communication networks and which eliminates bottlenecks in base data distribution systems. PE 0305155F THEATER NUCLEAR WEAPON STORAGE AND SECURITY SYSTEM Theater Nuclear Weapon Storage and Security System (WS3) Communications Infrastructure Equipment: No FY15 funding requested. PE 0305550F IT SERVICES MANAGEMENT, OTHER a. AFDW Base Communications Infrastructure Equipment: FY15 funds procure wide and local area network hardware (i.e., servers, routers, hubs and network systems) at Joint Base Anacostia-Bolling, Joint Base Andrews, and Headquarters Air Force. This program invests in office automation systems and computer networks in order to procure high-quality, high-speed connections to both public and classified network, and equipment required to react to emerging and emergency mission requirements in the National Capital Region (NCR). b. AFSPC Base Communications Infrastructure Equipment: FY15 funds provide life cycle support for base communications equipment at AFSPC installations including the Joint Space Operations Center at 30SW, Vandenberg AFB. PE 0408550F IT SERVICES MANAGEMENT, MOBILITY a. Air Mobility Command (AMC) Base Communications Infrastructure Equipment: No FY15 funding requested. b. AFDW Base Communications Infrastructure Equipment: FY15 funds procure wide and local area network at Joint Base Anacostia-Bolling, Joint Base Andrews, and Headquarters Air Force. This program invests in office automation systems and computer networks investments support high-quality, high-speed connections to public and classified networks in support of NCR mission requirements. PE 0505550F IT SERVICES MANAGEMENT, AF RESERVE AFRC Base Communications Infrastructure Equipment: FY15 funds support data, voice, and video projects to promote compatibility with the AF "Active" component architectures. In addition to funding AFR-wide programs. Funds also acquire equipment for life cycle support of critical base-level communications infrastructure requirements. PE 0508550F IT SERVICES MANAGEMENT, AIR NATIONAL GUARD (ANG) ANG Base Communications Infrastructure Equipment: FY15 funds continue to support installation of command purchased information technology and software to maintain a consistent, compatible, and interoperable infrastructure and architecture. This functionality ensures compatibility of ANG networks with the AF Enterprise. PE 0708550F IT SERVICES MANAGEMENT, LOGISTICS		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 7: Organization and Base		P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
AFMC Network Equipment: FY15 funds provide continued capital equipment replacement of LMR systems across AFMC locations. These efforts are necessary to ensure network equipment vulnerabilities will continue to be addressed and so that system maintainability and availability requirements are met. PE 0808550F IT SERVICES MANAGEMENT, TRAINING AIR EDUCATION AND TRAINING COMMAND (AETC) Base Communications Infrastructure Equipment: FY15 funds will be used to continue the process of replacing legacy telephone systems as guided by DoD and AF Unified Capability Requirements and Plans. Additionally, Base LANs designed to carry data must also be replaced before legacy systems expire as service is transitioned to comply with Assured Services Local Area Network (ASLAN). PE 0908550F IT SERVICES MANAGEMENT, ADMINISTRATIVE AFDW Base Communications Infrastructure Equipment: No FY15 funding requested.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7						P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure									Aggregated Items Title: Base Comm Infrastructure					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
F-22 Deployable Debrief Facility Communications Equipment	A		-	-	-	0.577	1	0.577	0.971	1	0.971	1.072	1	1.072	-	-	-	1.072	1	1.072
Subtotal: Uncategorized			-	-	-	-	-	0.577	-	-	0.971	-	-	1.072	-	-	-	-	-	1.072
Total			-	-	-	-	-	0.577	-	-	0.971	-	-	1.072	-	-	-	-	-	1.072

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7							P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure							Aggregated Items Title: Base Comm Infrastructure						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AFNETOPS Network Communications Equipment	A		-	-	-	0.367	1	0.367	0.559	1	0.559	0.846	1	0.846	-	-	-	0.846	1	0.846
Subtotal: Uncategorized			-	-	-	-	-	0.367	-	-	0.559	-	-	0.846	-	-	-	-	-	0.846
Total			-	-	-	-	-	0.367	-	-	0.559	-	-	0.846	-	-	-	-	-	0.846

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7						P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure									Aggregated Items Title: Base Comm Infrastructure					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AFSPC Lead Command Base Communications Infrastructure	A		-	-	-	39.724	1	39.724	5.426	1	5.426	36.884	1	36.884	-	-	-	36.884	1	36.884
Subtotal: Uncategorized			-	-	-	-	-	39.724	-	-	5.426	-	-	36.884	-	-	-	-	-	36.884
Total			-	-	-	-	-	39.724	-	-	5.426	-	-	36.884	-	-	-	-	-	36.884

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:										Aggregated Items Title:					
3080F / 03 / 7						837300 / Base Comm Infrastructure										Base Comm Infrastructure					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
USCYBERCOM Base Comm Infrastructure Equipment	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7								P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure								Aggregated Items Title: Base Comm Infrastructure			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AFSOC Base Communications Infrastructure Equipment	A		-	-	-	0.619	1	0.619	0.491	1	0.491	0.650	1	0.650	-	-	-	0.650	1	0.650
PACAF Base Communications Infrastructure Equipment	A		-	-	-	0.688	1	0.688	0.186	1	0.186	1.024	1	1.024	-	-	-	1.024	1	1.024
ACC Base Communications Infrastructure Equipment	A		-	-	-	0.568	1	0.568	-	-	-	0.788	1	0.788	-	-	-	0.788	1	0.788
USAFE Base Communications Infrastructure Equipment	A		-	-	-	2.805	1	2.805	1.528	1	1.528	4.000	1	4.000	-	-	-	4.000	1	4.000
Subtotal: Uncategorized			-	-	-	-	-	4.680	-	-	2.205	-	-	6.462	-	-	-	-	-	6.462
Total			-	-	-	-	-	4.680	-	-	2.205	-	-	6.462	-	-	-	-	-	6.462

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Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7							P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure							Aggregated Items Title: Base Comm Infrastructure						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
USAFE Technical Control Facility Program Equipment	A		-	-	-	1.392	1	1.392	0.377	1	0.377	0.648	1	0.648	-	-	-	0.648	1	0.648
Subtotal: Uncategorized			-	-	-	-	-	1.392	-	-	0.377	-	-	0.648	-	-	-	-	-	0.648
Total			-	-	-	-	-	1.392	-	-	0.377	-	-	0.648	-	-	-	-	-	0.648

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Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7						P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure									Aggregated Items Title: Base Comm Infrastructure					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AFDW Base Communications Infrastructure Equipment	A		-	-	-	5.996	1	5.996	3.758	1	3.758	6.031	1	6.031	-	-	-	6.031	1	6.031
AFSPC Base Communications Infrastructure Equipment	A		-	-	-	9.441	1	9.441	3.566	1	3.566	8.559	1	8.559	-	-	-	8.559	1	8.559
Subtotal: Uncategorized			-	-	-	-	-	15.437	-	-	7.324	-	-	14.590	-	-	-	-	-	14.590
Total			-	-	-	-	-	15.437	-	-	7.324	-	-	14.590	-	-	-	-	-	14.590

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7									P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure							Aggregated Items Title: Base Comm Infrastructure					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
AMC Base Communications Infrastructure Equipment	A		-	-	-	0.273	1	0.273	-	-	-	-	-	-	-	-	-	-	-	-	
AFDW Base Communications Infrastructure Equipment	A		-	-	-	-	-	-	0.854	1	0.854	0.853	1	0.853	-	-	-	0.853	1	0.853	
Subtotal: Uncategorized			-	-	-	-	-	0.273	-	-	0.854	-	-	0.853	-	-	-	-	-	0.853	
Total			-	-	-	-	-	0.273	-	-	0.854	-	-	0.853	-	-	-	-	-	0.853	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7								P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure							Aggregated Items Title: Base Comm Infrastructure				

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AFRC Base Communications Infrastructure Equipment	A		-	-	-	0.304	1	0.304	0.241	1	0.241	0.319	1	0.319	-	-	-	0.319	1	0.319
Secondary Distribution																				
AFR			-	-	-		1	0.304		1	0.241		1	0.319		-	-		1	0.319
Subtotal: Uncategorized			-	-	-	-	-	0.304	-	-	0.241	-	-	0.319	-	-	-	-	-	0.319
Total			-	-	-	-	-	0.304	-	-	0.241	-	-	0.319	-	-	-	-	-	0.319

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7								P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure							Aggregated Items Title: Base Comm Infrastructure				

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
ANG Base Communications Infrastructure Equipment	A		-	-	-	6.069	1	6.069	12.486	1	12.486	13.217	1	13.217	-	-	-	13.217	1	13.217
Secondary Distribution																				
AFNG			-	-	-		1	6.069		1	12.486		1	13.217		-	-		1	13.217
Subtotal: Uncategorized			-	-	-	-	-	6.069	-	-	12.486	-	-	13.217	-	-	-	-	-	13.217
Total			-	-	-	-	-	6.069	-	-	12.486	-	-	13.217	-	-	-	-	-	13.217

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7						P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure									Aggregated Items Title: Base Comm Infrastructure					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AFMC Base Communications Infrastructure Equipment	A		-	-	-	1.794	1	1.794	1.985	1	1.985	2.263	1	2.263	-	-	-	2.263	1	2.263
Subtotal: Uncategorized			-	-	-	-	-	1.794	-	-	1.985	-	-	2.263	-	-	-	-	-	2.263
Total			-	-	-	-	-	1.794	-	-	1.985	-	-	2.263	-	-	-	-	-	2.263

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7								P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure							Aggregated Items Title: Base Comm Infrastructure					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AETC Base Communications Infrastructure Equipment	A		-	-	-	1.945	1	1.945	1.890	1	1.890	2.453	1	2.453	-	-	-	2.453	1	2.453
Subtotal: Uncategorized			-	-	-	-	-	1.945	-	-	1.890	-	-	2.453	-	-	-	-	-	2.453
Total			-	-	-	-	-	1.945	-	-	1.890	-	-	2.453	-	-	-	-	-	2.453

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 7									P-1 Line Item Number / Title: 837300 / Base Comm Infrastructure							Aggregated Items Title: Base Comm Infrastructure					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
AFDW Network Equipment	A		-	-	-	0.931	1	0.931	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	0.931	-	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	0.931	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 8: Modifications							P-1 Line Item Number / Title: 838010 / Comm Elect Mods					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements: 0305114F				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	96.418	40.206	46.687	105.398	-	105.398	48.924	49.476	41.929	42.677	-	471.715
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	96.418	40.206	46.687	105.398	-	105.398	48.924	49.476	41.929	42.677	-	471.715
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	96.418	40.206	46.687	105.398	-	105.398	48.924	49.476	41.929	42.677	-	471.715
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: PE 0102325F ATMOSPHERIC EARLY WARNING SYSTEM The AN/FPS-117 radar supports the NORAD, USNORTHCOM, and PACAF missions. The radars are part of the Atmospheric Early Warning System (AEWS), providing radar data to both USAF and Federal Aviation Administration control systems in Alaska. The radars also provide air surveillance capability as part of a bi-national defense program with Canada. The USAF FPS-117s (versions 1 & 4) are no longer in production. The AN/FPS-117 Essential Parts Replacement Program (EPRP) is a reliability and maintainability upgrade improving supportability and reducing sustainment costs by decreasing the number of Line Replaceable Units (LRUs) within the AN/FPS-117. EPRP also restores the radar system to its original operational availability rates by eliminating parts obsolescence and replacing high failure rate components. EPRP's goal is to ensure the FPS-117 radar can support the war fighter's air surveillance mission beyond 2025. FY15 funds provide for hardware installations and direct mission support. PE 0305111F WEATHER SERVICE The Weather Observation and Forecast System provides meteorological equipment and ground-based space environment sensing equipment supporting the global missions of the Air Force (AF), Army, Special Operations Forces (SOF), combatant commands, and other government agencies. Additionally, these funds will procure information system equipment for processing, storing, and disseminating weather information for analysis, forecasting, and mission integration at the strategic, operational, and tactical levels. 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 modifications 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 execution and planning, targeting, weaponeering, and battle damage assessment, as well as space systems operations and effectiveness. The AF Weather Weapon System (AFWWS) supports the Warfighting Mission Area with programs aligned under four capability areas: 1) Weather Data Collection, 2) Weather Data Analysis and Dissemination, 3) Weather Forecasting, and 4) Product Tailoring/Warfighter Applications. Through this alignment, AFW ensures an integrated and systems oriented approach to program management decisions. PE 0305114F AIR TRAFFIC CONTROL AND LANDING SYSTEMS (ATCALs) FY13 funding totals include \$8.0M appropriated for Overseas Contingency Operations.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 8: Modifications	P-1 Line Item Number / Title: 838010 / Comm Elect Mods

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0305114F

ATCALs is a combination of United States Air Force (USAF) ground facilities and equipment, both fixed and tactical, with associated avionics, personnel, and procedures that provide air traffic control worldwide to USAF/Department of Defense flying missions. ATCALs includes basic air navigation equipment that provides enroute and terminal navigation control and separation, approach, departure, and landing guidance. ATCALs provides equipment required to ensure interoperability with systems operated by the North Atlantic Treaty Organization, the US National Aerospace System, and the International Civil Aviation Organization.

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

PE 0305909F BALLISTIC MSL EARLY WARNING SYSTEM (BMEWS)

The Ballistic Missile Early Warning System (BMEWS) is a ground-based radar system whose primary mission, missile warning (MW), provides United States Strategic Command (USSTRATCOM) with credible Integrated Tactical Warning/Attack Assessment (ITW/AA) data on all Intercontinental Ballistic Missiles (ICBMs) penetrating the coverage area. This data includes an estimation of launch and predicted impact (L&PI) locations and times. BMEWS also provides USSTRATCOM and other users with ITW/AA data on Sea-Launched Ballistic Missiles (SLBMs) penetrating the coverage area. The upgraded BMEWS co-primary mission is Missile Defense (MD) supporting the Missile Defense Agency. The tertiary mission of BMEWS supports the Space Situational Awareness (SSA) mission by providing near-earth satellite surveillance, tracking and identification as required by the Joint Space Operations Center, Alternate Space Operations Center, and the National Air and Space Intelligence Center. The BMEWS consists of three operational sites: Thule Air Base (AB), Greenland; Clear Air Force Station (AFS), AK; and Royal Air Force (RAF) Fylingdales, UK. Each site provides unique coverage to a different geographic area. Additionally there is a fourth site for testing (System Program Agency) located in the Centralized Integration Support Facility (CISF) at Peterson AFB, CO.

PE 0308699F SHARED EARLY WARNING SYSTEM (SEWS)

SEWS provides timely and accurate Theater space-based Ballistic Missile early Warning information to partner nations using common standardized hardware equipment. The funds will procure updated SEW-specific equipment at Theater Combatant Commander locations and the Centralized Distribution Facility (CDF) at Peterson AFB, CO. At the Peterson AFB location, the data is initially received and filtered then data is transmitted to SEWS customers and other foreign partner nations. Updates are prioritized based on the adjudicated OSD/Joint staff-coordinated Integrated Priority List (IPL) for SEWS.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.948	10.769	13.968	-	13.968	-	-	-	-
AFNG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	0.334	-	-	-	-	-	-	-
AFR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	1.003	0.600	-	0.600	-	-	-	-
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.948	12.106	14.568	-	14.568	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 8: Modifications									P-1 Line Item Number / Title: 838010 / Comm Elect Mods											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0305114F								
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - Shared Early Warning Systems (SEWS) (PE 0308699F)	P-40a	A	-	-	0.000	0.298	1	0.298	0.276	1	0.276	0.329	1	0.329	-	-	-	0.329	1	0.329
Item - 1 / SC3I AEWS - FPS-117 EPRP	P-40a		-	-	85.298	-	-	22.020	-	-	5.042	-	-	3.978	-	-	-	-	-	3.978
Item - 1 / Next Generation Radar (NEXRAD) WSR-88D Upgrades	P-40a		-	-	-	-	-	0.350	-	-	0.657	-	-	-	-	-	-	-	-	-
Item - 2 / AN/FMQ-7 Improved Solar Optical Observing Network (ISOON)	P-40a		-	-	-	-	-	-	-	-	-	-	-	1.500	-	-	-	-	-	1.500
Item - 3 / P-3A Low Cost Modifications	P-40a		-	-	-	-	-	-	-	-	0.500	-	-	1.678	-	-	-	-	-	1.678
Item - 4 / AN/UMQ-13 MARK IV-B	P-40a		-	-	-	-	-	2.256	-	-	1.500	-	-	1.500	-	-	-	-	-	1.500
Item - 5 / Numerical Weather Modeling	P-40a		-	-	-	-	-	1.530	-	-	1.996	-	-	2.000	-	-	-	-	-	2.000
Item - 6 / AN/TMQ-53 Tactical Meteorological Observing System (TMOS)	P-40a		-	-	-	-	-	0.822	-	-	-	-	-	-	-	-	-	-	-	-
Item - 7 / Weather Data Analysis	P-40a		-	-	-	-	-	1.420	-	-	4.964	-	-	3.370	-	-	-	-	-	3.370
P-3a - 1 / WSR-88D Next Generation Radar (NEXRAD) Service Life Extension	P-3a		-	-	-	-	-	-	-	-	-	-	-	2.073	-	-	-	-	-	2.073
Item - 1 / ATCALs Low Cost Mods (PE 0305114F)	P-40a		-	-	1.000	-	-	0.763	-	-	0.935	-	-	1.141	-	-	-	-	-	1.141
P-3a - 1 / ATCALs AN/ GRN-29 Instrument Landing System (PE 0305114F)	P-3a		-	-	10.120	-	-	3.185	-	-	11.171	-	-	13.427	-	-	-	-	-	13.427
Item - 1 / P-3A BMEWS Front End	P-40a		-	-	-	-	-	0.150	-	-	0.150	-	-	0.150	-	-	-	-	-	0.150
P-3a - 1 / High-Altitude Electromagnetic Pulse (HEMP) Protection Program	P-3a		-	-	-	-	-	-	-	-	-	-	-	49.000	-	-	-	-	-	49.000
P-3a - 2 / P-3A BMEWS DP/SP Suite Replacement (formerly SGI Replacement)	P-3a		-	-	-	-	-	7.412	-	-	19.496	-	-	25.252	-	-	-	-	-	25.252
Total Gross/Weapon System Cost			-	-	96.418	-	-	40.206	-	-	46.687	-	-	105.398	-	-	-	-	-	105.398
*For Items, Title represents the Item Number / Title [DODIC]. For the P-3a, Title represents the Modification Number / Title.																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 03: Electronics and Telecommunications Equip / BSA 8: Modifications		P-1 Line Item Number / Title: 838010 / Comm Elect Mods
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0305114F
Justification: Where applicable, justification for individual modifications is provided in the P-3A exhibits.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:										Aggregated Items Title:				
3080F / 03 / 8						838010 / Comm Elect Mods										Comm Elect Mods				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Shared Early Warning Systems (SEWS) (PE 0308699F)	A		-	-	0.000	0.298	1	0.298	0.276	1	0.276	0.329	1	0.329	-	-	-	0.329	1	0.329
Subtotal: Uncategorized			-	-	0.000	-	-	0.298	-	-	0.276	-	-	0.329	-	-	-	-	-	0.329
Total			-	-	0.000	-	-	0.298	-	-	0.276	-	-	0.329	-	-	-	-	-	0.329

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8								P-1 Line Item Number / Title: 838010 / Comm Elect Mods								Aggregated Modification Items Title: 0102325F			

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1 / SC3I AEWS - FPS-117 EPRP			-	-	85.298	-	-	22.020	-	-	5.042	-	-	3.978	-	-	-	-	-	3.978
Total			-	-	85.298	-	-	22.020	-	-	5.042	-	-	3.978	-	-	-	-	-	3.978

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
1 / SC3I AEWS - FPS-117 EPRP	AN/FPS-117	Service Life Extension

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8								P-1 Line Item Number / Title: 838010 / Comm Elect Mods								Aggregated Modification Items Title: 0305111F			

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1 / Next Generation Radar (NEXRAD) WSR-88D Upgrades			-	-	-	-	-	0.350	-	-	0.657	-	-	-	-	-	-	-	-	-
2 / AN/FMQ-7 Improved Solar Optical Observing Network (ISOON)			-	-	-	-	-	-	-	-	-	-	-	1.500	-	-	-	-	-	1.500
3 / P-3A Low Cost Modifications			-	-	-	-	-	-	-	-	0.500	-	-	1.678	-	-	-	-	-	1.678
4 / AN/UMQ-13 MARK IV-B			-	-	-	-	-	2.256	-	-	1.500	-	-	1.500	-	-	-	-	-	1.500
5 / Numerical Weather Modeling			-	-	-	-	-	1.530	-	-	1.996	-	-	2.000	-	-	-	-	-	2.000
6 / AN/TMQ-53 Tactical Meteorological Observing System (TMOS)			-	-	-	-	-	0.822	-	-	-	-	-	-	-	-	-	-	-	-
7 / Weather Data Analysis			-	-	-	-	-	1.420	-	-	4.964	-	-	3.370	-	-	-	-	-	3.370
Total			-	-	0.000	-	-	6.378	-	-	9.617	-	-	10.048	-	-	-	-	-	10.048

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
1 / Next Generation Radar (NEXRAD) WSR-88D Upgrades	WSR-88D	Capability Improvement
2 / AN/FMQ-7 Improved Solar Optical Observing Network (ISOON)	AN/FMQ-7	Capability Improvement
3 / P-3A Low Cost Modifications	Various	Capability Improvement
4 / AN/UMQ-13 MARK IV-B	AN/UMQ-13	Capability Improvement
5 / Numerical Weather Modeling	N/A	Capability Improvement
6 / AN/TMQ-53 Tactical Meteorological Observing System (TMOS)	AN/TMQ-53	Capability Improvement
7 / Weather Data Analysis	N/A	Capability Improvement

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8		P-1 Line Item Number / Title: 838010 / Comm Elect Mods			Modification Number / Title: 1 / WSR-88D Next Generation Radar (NEXRAD) Service Life Extension	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	2.073	-	2.073
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	-	2.073	-	2.073
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	2.073	-	2.073
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:
 Next Generation Radar (NEXRAD) Service Life Extension is an in-cycle New Start. NEXRAD WSR-88D is a tri-agency (Department of Commerce, Department of Transportation, Department of Defense) program providing national radar coverage for national airspace system, flight safety, and resource protection. WSR-88D service life was planned for 20 years, most radars were installed 18-20 years ago. Major components are expected to fail at a higher rate due age and fatigue. Some components becoming unsupportable by original vendor and/or industry standards changing, causing increased repair costs. Major components to be replaced are: Signal Processor end of life 2015, no vendor support after 2018, no replacement parts; Pedestal no longer manufactured, metal fatigue and gear failures expected; Transmitter cables cracking, circuit boards and connectors obsolete, difficult to replace; many shelters are in disrepair from lack of preventative maintenance and age. Expect service life of 26 Air Force owned radars to be extended to 2030 with SLEP. SLEP will be implemented by a combination of government personnel from the Radar Operations Center (ROC), functioning as a Depot Field Team, and by contractor personnel contracted by the ROC.

Milestone/Development Status
 Tri-agency ROC has begun development of software and hardware for new Signal Processor and overall planning for other major components.

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8			P-1 Line Item Number / Title: 838010 / Comm Elect Mods		Modification Number / Title: 1 / WSR-88D Next Generation Radar (NEXRAD) Service Life Extension	
Models of Systems Affected: WSR-88D			Modification Type: Service Life Extension		Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
Modification Item 1 of 1: Enter Kit Name (2)						
A Kits						
Recurring						
Enter Kit Name:INSTALL KITS Group A (Active)						
- / -						
Subtotal: Recurring						
- / -						
B Kits						
Recurring						
Enter Kit Name:EQUIPMENT Group B (Active)						
- / -						
Subtotal: Recurring						
- / -						
Subtotal: Enter Kit Name (2)						
- / -						
Subtotal: Procurement, All Modification Items						
- / -						
Support (All Modification Items)						
PMA - Other Gov't Costs						
- / -						
OTHER GOVT						
- / -						
Subtotal: Support						
- / -						
Installation						
Modification Item 1 of 1: Enter Kit Name (2)						
- / -						
Subtotal: Installation						
- / -						
Total						
Total Cost (Procurement + Support + Installation)						
-						

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Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8				P-1 Line Item Number / Title: 838010 / Comm Elect Mods				Modification Number / Title: 1 / WSR-88D Next Generation Radar (NEXRAD) Service Life Extension					
Modification Item 1 of 1: Enter Kit Name (2)													
Modification Item MDAP/MAIS Code:													
Manufacturer Information													
Manufacturer Name: TBD					Manufacturer Location: TBD								
Administrative Leadtime (<i>in Months</i>): 3					Production Leadtime (<i>in Months</i>): 6								
Dates		FY 2013			FY 2014			FY 2015					
Contract Dates								Jan 2015					
Delivery Dates								Jul 2015					
Installation Information													
Method of Implementation: Contract Field Team													
Installation Cost		Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Prior Years		- / -		- / -		- / -		- / -		- / -		- / -	
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -	
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -	
FY 2015		- / -		- / -		- / -		26 / 0.003		- / -		26 / 0.003	
Total		- / -		- / -		- / -		26 / 0.003		- / -		26 / 0.003	
Installation Schedule													
	PYS	FY 2013				FY 2014				FY 2015			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
In	0	-	-	-	-	-	-	-	-	-	-	-	4
Out	0	-	-	-	-	-	-	-	-	-	-	-	4

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8								P-1 Line Item Number / Title: 838010 / Comm Elect Mods							Aggregated Modification Items Title: 0305114F				

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1 / ATCALs Low Cost Mods (PE 0305114F)			-	-	1.000	-	-	0.763	-	-	0.935	-	-	1.141	-	-	-	-	-	1.141
<i>Secondary Distribution</i>																				
AF				-	-		-	0.763		-	0.935		-	1.141		-	-		-	1.141
Total			-	-	1.000	-	-	0.763	-	-	0.935	-	-	1.141	-	-	-	-	-	1.141

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
1 / ATCALs Low Cost Mods (PE 0305114F)	Various	Service Life Extension

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Exhibit P-3a, Individual Modification: PB 2015 Air Force				Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8		P-1 Line Item Number / Title: 838010 / Comm Elect Mods			Modification Number / Title: 1 / ATCALs AN/GRN-29 Instrument Landing System (PE 0305114F)	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	10.120	3.185	11.171	13.427	-	13.427
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	10.120	3.185	11.171	13.427	-	13.427
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	10.120	3.185	11.171	13.427	-	13.427
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

AN/GRN-29,INSTRUMENT LANDING SYSTEM (ILS) MODIFICATION: The ILS consists of two subsystems which provide horizontal (localizer) and vertical (glide slope) guidance to allow aircraft to make a precision approach to a runway in inclement weather. The current 1970s era ILS systems are approaching the end of their intended life cycle, yet these systems will be required until approximately 2030. The AN/GRN-29 modification includes new localizer electronics, glide slope electronics, and glide slope antennas. The localizer antennas have already been replaced. The new equipment will also provide improved reliability and reduce manpower through remote adjustment and flight inspection capabilities. Equipment procurement and installation are being accomplished through a turnkey contract, that will be followed with interim contractor support and stand-up of an organic depot. FY15 funds will procure 28 systems (22 AD/3 ANG/3 AFR).

Milestone/Development Status

In full rate production.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	3.185	9.834	12.827	-	12.827
AFNG	Quantity	-	-	-	-	-
	Total Obligation Authority	-	0.334	-	-	-
AFR	Quantity	-	-	-	-	-
	Total Obligation Authority	-	1.003	0.600	-	0.600
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	3.185	11.171	13.427	-	13.427

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LI 838010 - Comm Elect Mods
Air Force

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Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8			P-1 Line Item Number / Title: 838010 / Comm Elect Mods			Modification Number / Title: 1 / ATCAL5 AN/GRN-29 Instrument Landing System (PE 0305114F)				
Models of Systems Affected:		Modification Type: Capability Improvement		Related RDT&E PEs:						
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
		Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement										
Modification Item 1 of 1: GRN-29 ILS										
AF		- / 2.067	- / 3.261	- / 1.644	- / -	- / 1.644	- / -	- / -	- / -	- / -
AFNG		- / -	- / 0.210	- / -	- / -	- / -	- / -	- / -	- / -	- / -
AFR		- / -	- / 0.631	- / 0.411	- / -	- / 0.411	- / -	- / -	- / -	- / -
<i>Subtotal: GRN-29 ILS Secondary Distribution</i>		- / 2.067	- / 4.102	- / 2.055	- / -	- / 2.055	- / -	- / -	- / -	- / -
<i>Subtotal: Procurement, All Modification Items</i>		- / 2.067	- / 4.102	- / 2.055	- / -	- / 2.055	- / -	- / -	- / -	- / -
Support										
AF		- / 0.138	- / 4.651	- / 10.427	- / -	- / 10.427	- / -	- / -	- / -	- / -
<i>Subtotal: Support</i>		- / 0.138	- / 4.651	- / 10.427	- / -	- / 10.427	- / -	- / -	- / -	- / -
Installation										
Modification Item 1 of 1: GRN-29 ILS										
Contract Field Team										
AF		20 / 0.980	31 / 1.922	12 / 0.756	- / -	12 / 0.756	- / -	- / -	- / -	- / -
AFNG		- / -	2 / 0.124	- / -	- / -	- / -	- / -	- / -	- / -	- / -
AFR		- / -	6 / 0.372	3 / 0.189	- / -	3 / 0.189	- / -	- / -	- / -	- / -
<i>Subtotal: Contract Field Team</i>		20 / 0.980	39 / 2.418	15 / 0.945	- / -	15 / 0.945	- / -	- / -	- / -	- / -
<i>Subtotal: GRN-29 ILS</i>		20 / 0.980	39 / 2.418	15 / 0.945	- / -	15 / 0.945	- / -	- / -	- / -	- / -
<i>Subtotal: Installation</i>		20 / 0.980	39 / 2.418	15 / 0.945	- / -	15 / 0.945	- / -	- / -	- / -	- / -
Total										
Total: Secondary Distribution, All Modification Items		- / 3.185	- / 11.171	- / 13.427	- / -	- / 13.427	- / -	- / -	- / -	- / -

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Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8				P-1 Line Item Number / Title: 838010 / Comm Elect Mods				Modification Number / Title: 1 / ATCALs AN/GRN-29 Instrument Landing System (PE 0305114F)					
Modification Item 1 of 1: GRN-29 ILS													
Modification Item MDAP/MAIS Code:													
Manufacturer Information													
Manufacturer Name: Selex					Manufacturer Location: Overland Park, KS								
Administrative Leadtime (in Months): 4					Production Leadtime (in Months): 2								
Dates		FY 2013			FY 2014			FY 2015					
Contract Dates		Feb 2013			Feb 2014			Feb 2015					
Delivery Dates		Apr 2013			Apr 2014			Apr 2015					
Installation Information													
Method of Implementation: Contract Field Team													
Installation Cost		Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Prior Years		47 / 2.745		- / 0.000		- / -		- / -		- / -		- / -	
Secondary Distribution - AF		- / -		- / 0.000		- / -		- / -		- / -		- / -	
FY 2013		- / -		20 / 0.980		- / -		- / -		- / -		- / -	
Secondary Distribution - AF		- / -		20 / 0.980		- / -		- / -		- / -		- / -	
FY 2014		- / -		- / -		39 / 2.418		- / -		- / -		- / -	
Secondary Distribution - AF		- / -		- / -		31 / 1.922		- / -		- / -		- / -	
Secondary Distribution - AFNG		- / -		- / -		2 / 0.124		- / -		- / -		- / -	
Secondary Distribution - AFR		- / -		- / -		6 / 0.372		- / -		- / -		- / -	
FY 2015		- / -		- / -		- / -		15 / 0.945		- / -		15 / 0.945	
Secondary Distribution - AF		- / -		- / -		- / -		12 / 0.756		- / -		12 / 0.756	
Secondary Distribution - AFR		- / -		- / -		- / -		3 / 0.189		- / -		3 / 0.189	
Total		47 / 2.745		20 / 0.980		39 / 2.418		15 / 0.945		- / -		15 / 0.945	
Secondary Distribution - AF		- / -		20 / 0.980		31 / 1.922		12 / 0.756		- / -		12 / 0.756	
Secondary Distribution - AFNG		- / -		- / -		2 / 0.124		- / -		- / -		- / -	
Secondary Distribution - AFR		- / -		- / -		6 / 0.372		3 / 0.189		- / -		3 / 0.189	
Installation Schedule													
	PYS	FY 2013				FY 2014				FY 2015			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
In	21	7	7	9	9	9	5	9	10	10	10	5	5
Out	21	7	7	9	9	9	5	9	10	10	10	5	5

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8								P-1 Line Item Number / Title: 838010 / Comm Elect Mods								Aggregated Modification Items Title: 0305909F			

Item Number / Title	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
1 / P-3A BMEWS Front End			-	-	-	-	-	0.150	-	-	0.150	-	-	0.150	-	-	-	-	-	0.150
Total			-	-	0.000	-	-	0.150	-	-	0.150	-	-	0.150	-	-	-	-	-	0.150

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
1 / P-3A BMEWS Front End	N/A	Reliability & Maintainability

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8		P-1 Line Item Number / Title: 838010 / Comm Elect Mods			Modification Number / Title: 1 / High-Altitude Electromagnetic Pulse (HEMP) Protection Program	
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	-	49.000	-	49.000
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	-	49.000	-	49.000
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	-	-	49.000	-	49.000
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: High Altitude Electromagnetic Pulse (HEMP) Protection Program: HEMP Protection modification implements OSD, CJCS & USSTRATCOM HEMP survivability requirements. This upgrade was advocated by the USSTRATCOM/CC and downward directed and funded by the DepSecDef. The BMEWS/UEWR Thule UHF radar complex located at Thule AFS, Greenland is planned to be upgraded as part of HEMP modernization program for critical Air Force Space Command sites. This program will install HEMP protection of the main radar building and a HEMP hardened emergency power plant. Once HEMP protection is installed, there will be a Verification test conducted IAW MIL-STD-188-125 as the basis of certification by USSTRATCOM. This effort will start in FY 15 with Verification testing planned in 2021. Once Certification is granted, the annual Integrated Nuclear Survivability and Endurability Report (INSER) will be updated to show survivability status and reported to the JCS and Congress. Milestone/Development Status FY15 High-Altitude Electromagnetic Pulse (HEMP) Protection Program						

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8		P-1 Line Item Number / Title: 838010 / Comm Elect Mods			Modification Number / Title: 1 / High-Altitude Electromagnetic Pulse (HEMP) Protection Program	
Models of Systems Affected: N/A		Modification Type: Reliability & Maintainability			Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
<i>Modification Item 1 of 1:</i> HEMP						
A Kits						
Recurring						
HEMP:INSTALL KITS Group A (Active)	- / -	- / -	- / -	1 / 39.200	- / -	1 / 39.200
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 39.200	- / -	- / 39.200
<i>Subtotal: HEMP</i>	- / -	- / -	- / -	- / 39.200	- / -	- / 39.200
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	- / -	- / 39.200	- / -	- / 39.200
Installation						
<i>Modification Item 1 of 1:</i> HEMP						
	- / -	- / -	- / -	- / 9.800	- / -	- / 9.800
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / 9.800	- / -	- / 9.800
Total						
Total Cost (Procurement + Support + Installation)	-	-	-	49.000	-	49.000

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Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8				P-1 Line Item Number / Title: 838010 / Comm Elect Mods				Modification Number / Title: 1 / High-Altitude Electromagnetic Pulse (HEMP) Protection Program					
Modification Item 1 of 1: HEMP													
Modification Item MDAP/MAIS Code:													
Manufacturer Information													
Manufacturer Name: N/A						Manufacturer Location: N/A							
Administrative Leadtime (in Months): 0						Production Leadtime (in Months): 71							
Dates		FY 2013				FY 2014				FY 2015			
Contract Dates										Oct 2015			
Delivery Dates										Sep 2021			
Installation Information													
Method of Implementation: Contract Field Team													
Installation Cost		Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)	
Prior Years		- / -		- / -		- / -		- / -		- / -		- / -	
FY 2013		- / -		- / -		- / -		- / -		- / -		- / -	
FY 2014		- / -		- / -		- / -		- / -		- / -		- / -	
FY 2015		- / -		- / -		- / -		- / 9.800		- / -		- / 9.800	
Total		- / -		- / -		- / -		- / 9.800		- / -		- / 9.800	
Installation Schedule													
	PYS	FY 2013				FY 2014				FY 2015			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
In	0	-	-	-	-	-	-	-	-	-	-	-	-
Out	0	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8			P-1 Line Item Number / Title: 838010 / Comm Elect Mods		Modification Number / Title: 2 / P-3A BMEWS DP/SP Suite Replacement (formerly SGI Replacement)	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	7.412	19.496	25.252	-	25.252
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	7.412	19.496	25.252	-	25.252
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	7.412	19.496	25.252	-	25.252
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>						
Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

BALLISTIC MISSILE EARLY WARNING SYSTEM (BMEWS): BMEWS is a ground-based radar system whose primary mission, Missile Warning (MW), provides United States Strategic Command (USSTRATCOM) with credible Integrated Tactical Warning/Attack Assessment (ITW/AA) data on all Inter-Continental Ballistic Missiles (ICBMs) penetrating the coverage area. This data includes an estimation of launch and predicted impact (L&PI) locations and times. BMEWS also provides USSTRATCOM and other users with ITW/AA data on Sea-Launched Ballistic Missiles (SLBMs) penetrating the coverage area. The Upgraded BMEWS co-primary mission is Missile Defense (MD) supporting the Missile Defense Agency. The tertiary mission of, BMEWS supports the Space Situational Awareness (SSA) mission by providing near-earth satellite surveillance, tracking and identification as required by the Joint Space Operations Center, Alternate Space Operations Center, and the National Air and Space Intelligence Center. The BMEWS consists of three sites: Thule Air Base (AB),Greenland; Clear Air Force Station (AFS), AK; and Royal Air Force (RAF) Fylingdales, UK. Each site provides unique coverage to a different geographic area. Additionally there is a fourth site for testing (System Program Agency) located in the Centralized Integration Support Facility (CISF) at Peterson AFB, CO. This effort is funded in PE 0305909F. BMEWS DATA PROCESSOR/SIGNAL PROCESSOR (DP/SP) SUITE REPLACEMENT(formerly BMEWS Evolutionary SGI Replacement Modification Program) replaces obsolete or unsupportable system components and subsystems to address evolving space and missile threats. The BMEWS mission equipment and associated sustainment suites consist of a mix of unique, custom-built components that are increasingly more difficult to maintain due to availability of replacement parts and obsolete COTS based subsystems that are no longer supported by the original equipment manufacturers. Without these modifications there is a high risk that Information Assurance issues and equipment failures will cause unacceptable mission downtime in order to troubleshoot and repair. FY15 will fund form, fit, function replacement of unsupportable mission and sustainment equipment to include, Display and Signal Processors, associated processors, and display hardware.

Milestone/Development Status

N/A

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Exhibit P-3a, Individual Modification: PB 2015 Air Force					Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8		P-1 Line Item Number / Title: 838010 / Comm Elect Mods			Modification Number / Title: 2 / P-3A BMEWS DP/SP Suite Replacement (formerly SGI Replacement)	
Models of Systems Affected: N/A		Modification Type: Reliability & Maintainability			Related RDT&E PEs:	
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Procurement						
<i>Modification Item 1 of 1:</i> DP/SP						
A Kits						
Recurring						
DP/SP:INSTALL KITS Group A (Active)						
	- / -	- / -	2 / 1.550	- / -	- / -	- / -
<i>Subtotal: Recurring</i>						
	- / -	- / -	- / 1.550	- / -	- / -	- / -
B Kits						
Recurring						
DP/SP:EQUIPMENT Group B (Active)						
	- / -	- / -	2 / 17.946	- / -	- / -	- / -
<i>Subtotal: Recurring</i>						
	- / -	- / -	- / 17.946	- / -	- / -	- / -
<i>Subtotal: DP/SP</i>						
	- / -	- / -	- / 19.496	- / -	- / -	- / -
<i>Subtotal: Procurement, All Modification Items</i>						
	- / -	- / -	- / 19.496	- / -	- / -	- / -
Support (All Modification Items)						
GROUP B: TOTAL NONRECURRING						
	- / -	- / 7.412	- / -	- / -	- / -	- / -
<i>Subtotal: Support</i>						
	- / -	- / 7.412	- / -	- / -	- / -	- / -
Installation						
<i>Modification Item 1 of 1:</i> DP/SP						
	- / -	- / -	- / -	1 / 25.252	- / -	1 / 25.252
<i>Subtotal: Installation</i>						
	- / -	- / -	- / -	1 / 25.252	- / -	1 / 25.252
Total						
Total Cost (Procurement + Support + Installation)	-	7.412	19.496	25.252	-	25.252

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Exhibit P-3a, Individual Modification: PB 2015 Air Force						Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 03 / 8				P-1 Line Item Number / Title: 838010 / Comm Elect Mods				Modification Number / Title: 2 / P-3A BMEWS DP/SP Suite Replacement (formerly SGI Replacement)					
Modification Item 1 of 1: DP/SP													
Modification Item MDAP/MAIS Code:													
Manufacturer Information													
Manufacturer Name: Exelis						Manufacturer Location: Colorado Springs, CO							
Administrative Leadtime (<i>in Months</i>): 1						Production Leadtime (<i>in Months</i>): 3							
Dates		FY 2013				FY 2014				FY 2015			
Contract Dates						Jun 2014							
Delivery Dates						Sep 2014							
Installation Information													
Method of Implementation: Contract Field Team													
Installation Cost		Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	
		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)		Qty (<i>Each</i>) / Total Cost (\$ <i>M</i>)	
Prior Years		-		-		-		-		-		-	
FY 2013		-		-		-		-		-		-	
FY 2014		-		-		-		1 / 25.252		-		1 / 25.252	
FY 2015		-		-		-		-		-		-	
Total		-		-		-		1 / 25.252		-		1 / 25.252	
Installation Schedule													
	PYS	FY 2013				FY 2014				FY 2015			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
In	0	-	-	-	-	-	-	-	-	-	-	1	-
Out	0	-	-	-	-	-	-	-	-	-	-	-	1

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 2: Personal Safety & Rescue Equip							P-1 Line Item Number / Title: 842140 / Night Vision Goggles					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	4.624	3.640	12.577	-	12.577	16.599	14.021	14.215	14.433	-	80.109
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	4.624	3.640	12.577	-	12.577	16.599	14.021	14.215	14.433	-	80.109
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	4.624	3.640	12.577	-	12.577	16.599	14.021	14.215	14.433	-	80.109
(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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: Modern warfare resulted in an increase in airborne combat under the cover of darkness. Night missions include ground operations, preparation of the aircraft for take-off and landings in complete darkness, lights-off air refueling, and visual identification of enemy targets hidden under the night sky. Consequently, ground personnel and aircrew require the capability to see in very low visibility conditions at night and high ambient light conditions such as full moon or heavily lighted residential areas. The use of Night Vision Goggles (NVG) is critical for combat rescue, special operations, and homeland security missions. A lack of night vision capability would significantly decrease combat effectiveness in night operations, risk flight safety, and increase the probability of fratricide. Aircraft such as HH-60 helicopters, HC-130s, F-16s, and special mission C-130s primarily operate in low altitude environments during covert night operations. Hence, NVGs are vital to the success of these missions, providing a dramatic increase in safety, situational awareness, and survivability during the execution of near daytime tactics, including visual formation criteria. Furthermore, the proliferation of NVG-equipped adversaries underscores the urgent need to supply ground and air forces with night vision equipment. Funding for this exhibit contained in Program Elements (PEs) 0702833F and 0207227F. Ground crew Goggles: AN/PVS-14 Ground crew Goggle: This monocular night vision device is a hand-held, head-mounted, helmet-mounted, or weapon-mounted night vision system, which enables walking, weapon firing, short-range surveillance, map reading, vehicle maintenance, and first-aid administration during moonlight and starlight conditions. The AN/PVS-14 supports a vast spectrum of ground and air operations to include aircraft maintenance, civil engineering, emergency response, security, and other missions. AN/PVS-15 Ground crew Goggle: This binocular NVG is a helmet-mounted or hand-held night vision system, which is primarily used by Special Forces during night drop operations. The AN/PVS-15 can be used for all nighttime ground operations. An added benefit of this particular binocular goggle is the back-up capability in the event one of the two tubes fails. Fusion Goggle - Enhanced (FGE): The FGE is a helmet mounted dual waveband goggle which will increase identification and discrimination of combatants in most battlefield conditions and light levels through the use of image intensification fused with thermal imagery. Aircrew Goggles:												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force					Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 2: Personal Safety & Rescue Equip					P-1 Line Item Number / Title: 842140 / Night Vision Goggles				
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:			Other Related Program Elements:			

AN/AVS-9 (F4949G-TG) Aircrew Goggle: This night vision goggle provides aircraft and ground personnel with the capability to see the horizon, terrain features and enemy ground fire, thereby reducing the potential for air-to-ground fratricide and mid-air collisions during night operations. The AN/AVS-9 (F4949-TG) is a light-weight, helmet-mounted goggle equipped with pinnacle tube technology that mitigates effects of sudden bright light exposure.

Test Sets:

ANV-20/20 Test Set, Infinity Focus: The ANV-20/20 is a portable instrument, which allows quick and accurate evaluation and adjustment of all goggle parameters. All NVGs require operational checkout.

ANV-126A Test Set, Infrared Viewer: The ANV-126A is a commercial upgrade to the ANV-126, which is suitable for field operational checks and depot level NVG maintenance. This test set provides accurate checks for NVG resolution, gain, power drain, binocular goggle collimation, image quality, and image distortion. The ANV-126A uses state of the art technology and provides enhanced capabilities to the user.

ANV-126A-UGF Test Set, Time Compliance Technical Order (TCTO) Kit: The ANV-126A-UGF is a commercial TCTO kit that converts the ANV-126 to the ANV-126A Test Set.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), capabilities under this line item are necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and military support to civil authorities. Projected allocations for reserve component requirements are subject to total force demand priorities.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	562	240	1,843	-	1,843	-	-	-	-
	Total Obligation Authority	4.156	3.126	8.695	-	8.695	-	-	-	-
AFNG	Quantity	65	30	687	-	687	-	-	-	-
	Total Obligation Authority	0.366	0.363	2.714	-	2.714	-	-	-	-
AFR	Quantity	35	14	300	-	300	-	-	-	-
	Total Obligation Authority	0.102	0.150	1.168	-	1.168	-	-	-	-
Total: Secondary Distribution	Quantity	662	284	2,830	-	2,830	-	-	-	-
	Total Obligation Authority	4.624	3.639	12.577	-	12.577	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - GROUNDCREW GOGGLE (AN/PVS-14)	P-40a	A	-	-	0.000	0.003	425	1.242	-	-	-	0.003	2,161	6.590	-	-	-	0.003	2,161	6.590
Item - GROUNDCREW GOGGLE (AN/PVS-15)	P-40a	A	-	-	0.000	0.015	65	0.955	0.014	31	0.435	-	-	-	-	-	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force														Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 2: Personal Safety & Rescue Equip									P-1 Line Item Number / Title: 842140 / Night Vision Goggles												
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)	
Item - GROUNDCREW GOGGLE (AN/PVS-31)	P-40a	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Item - FUSION GOGGLE-ENHANCED (FGE)	P-40a	A	-	-	0.000	0.014	172	2.427	0.014	172	2.430	0.014	172	2.409	-	-	-	0.014	172	2.409	
Item - AIRCREW GOGGLE AN/AVS-9 (F4949G-TG)	P-40a	A	-	-	-	-	-	-	0.007	61	0.430	0.005	433	2.223	-	-	-	0.005	433	2.223	
Item - TEST SET, INFRARED VIEWER (ANV-126A)	P-40a	A	-	-	-	-	-	-	-	-	-	0.034	24	0.805	-	-	-	0.034	24	0.805	
Item - TEST SET, TCTO KIT (ANV-126A-UGF)	P-40a	A	-	-	-	-	-	-	0.017	20	0.345	0.013	40	0.528	-	-	-	0.013	40	0.528	
Item - PMA- Other Government Cost	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	0.022	-	-	-	-	-	0.022	
Total Gross/Weapon System Cost			-	-	-	-	-	4.624	-	-	3.640	-	-	12.577	-	-	-	-	-	12.577	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					

Justification:

FY15 procurement dollars in the amount of \$12.577M procures 2,161 each PVS-14 Groundcrew Goggles, 172 each Fusion Goggle-Enhanced (FGE), 433 each AN/AVS-9 (F4949G-TG) Aircrew Goggles, 24 each ANV-126A Infrared Test Sets, 40 each ANV-126A-UGF TCTO Kits, and PMA dollars in support of installation and unit mission requirements for Air Force Personnel.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 2							P-1 Line Item Number / Title: 842140 / Night Vision Goggles								Aggregated Items Title: Night Vision Goggles					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
GROUNDCREW GOGGLE (AN/ PVS-14)	A		-	-	0.000	0.003	425	1.242	-	-	-	0.003	2,161	6.590	-	-	-	0.003	2,161	6.590
Secondary Distribution																				
AF				-	-		340	0.994		-	-		1,361	4.150		-	-		1,361	4.150
AFR				-	-		35	0.102		-	-		239	0.729		-	-		239	0.729
AFNG				-	-		50	0.146		-	-		561	1.711		-	-		561	1.711
GROUNDCREW GOGGLE (AN/ PVS-15)	A		-	-	0.000	0.015	65	0.955	0.014	31	0.435	-	-	-	-	-	-	-	-	-
Secondary Distribution																				
AF				-	-		50	0.735		18	0.252		-	-		-	-		-	-
AFR				-	-		-	-		3	0.042		-	-		-	-		-	-
AFNG				-	-		15	0.220		10	0.140		-	-		-	-		-	-
GROUNDCREW GOGGLE (AN/ PVS-31)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FUSION GOGGLE- ENHANCED (FGE)	A		-	-	0.000	0.014	172	2.427	0.014	172	2.430	0.014	172	2.409	-	-	-	0.014	172	2.409
Secondary Distribution																				
AF				-	-		172	2.427		172	2.430		172	2.409		-	-		172	2.409
AIRCREW GOGGLE AN/AVS-9 (F4949G- TG)	A		-	-	-	-	-	-	0.007	61	0.430	0.005	433	2.223	-	-	-	0.005	433	2.223
Secondary Distribution																				
AF				-	-		-	-		41	0.289		278	1.427		-	-		278	1.427
AFR				-	-		-	-		8	0.056		53	0.272		-	-		53	0.272
AFNG				-	-		-	-		12	0.085		102	0.524		-	-		102	0.524
TEST SET, INFRARED VIEWER (ANV-126A)	A		-	-	-	-	-	-	-	-	-	0.034	24	0.805	-	-	-	0.034	24	0.805
Secondary Distribution																				
AF				-	-		-	-		-	-		13	0.436		-	-		13	0.436
AFR				-	-		-	-		-	-		3	0.101		-	-		3	0.101
AFNG				-	-		-	-		-	-		8	0.268		-	-		8	0.268
TEST SET, TCTO KIT (ANV-126A-UGF)	A		-	-	-	-	-	-	0.017	20	0.345	0.013	40	0.528	-	-	-	0.013	40	0.528
Secondary Distribution																				
AF				-	-		-	-		9	0.155		19	0.251		-	-		19	0.251
AFR				-	-		-	-		3	0.052		5	0.066		-	-		5	0.066

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 2								P-1 Line Item Number / Title: 842140 / Night Vision Goggles								Aggregated Items Title: Night Vision Goggles					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
AFNG				-	-		-	-		8	0.138		16	0.211		-	-		16	0.211	
PMA- Other Government Cost	A		-	-	-	-	-	-	-	-	-	-	-	0.022	-	-	-	-	-	0.022	
Secondary Distribution																					
AF				-	-		-	-		-	-		-	0.022		-	-		-	0.022	
Subtotal: Uncategorized			-	-	0.000	-	-	4.624	-	-	3.640	-	-	12.577	-	-	-	-	-	12.577	
Total			-	-	0.000	-	-	4.624	-	-	3.640	-	-	12.577	-	-	-	-	-	12.577	

Remarks:

Unit Costs for FY15 are estimated and are subject to change pending final contract negotiations.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 2: Personal Safety & Rescue Equip							P-1 Line Item Number / Title: 842990 / Items Less Than \$5 Million					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	27.873	24.566	31.209	-	31.209	30.681	28.679	29.204	29.743	-	201.955
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	27.873	24.566	31.209	-	31.209	30.681	28.679	29.204	29.743	-	201.955
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	27.873	24.566	31.209	-	31.209	30.681	28.679	29.204	29.743	-	201.955
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: This program provides a wide variety of base support and safety of flight items for warfighters with worldwide application. Procures safety and rescue equipment, developed in Program Element (PE) 0604706F, Life Support Systems, for increased protection of aircrew personnel operating manned, non-space aircraft to optimize weapon system effectiveness and capability throughout the full spectrum of military operations. In general, the purpose of the PE is to expand the combat capabilities of a weapon system an airman supports while balancing functionality, comfort, and safety. Representative items include flight helmets, oxygen breathing equipment, flame resistant/retardant and blast protective gear, laser eye protection, personnel locator beacons, nuclear flash blindness devices, personnel parachutes, ejection seats/equipment, survival radio test sets, life rafts, life preservers, anti-exposure coveralls, and other air/ground crew equipment. Guardian Angel is an Air Force non-aircraft weapon system within the overarching Battlefield Airman Modernization Program. Guardian Angel is a family of systems based on human and equipment capabilities formulated to execute Air Force Combat Search and Rescue and personnel recovery across a full spectrum of military operations. Guardian Angel family of systems is employed by three distinct Air Force Specialties: Pararescuemen (PJ), Survival, Evasion, Resistance, and Escape (SERE) and Combat Rescue Officer (CRO). Representative items include but are not limited to parachute equipment, technical rescue equipment, information management systems, and rescue craft. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. This includes applicable training, spares, and repairs. Funding for this exhibit contained in PEs 0207227F and 0702833F. Projected allocations for component requirements are subject to total force demands and priorities.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 2: Personal Safety & Rescue Equip											P-1 Line Item Number / Title: 842990 / Items Less Than \$5 Million										
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Item - Aircrew Laser Eye Protection (ALEP) Block 2: Day Variant	P-40a	A	-	-	-	0.002	1,930	3.362	0.002	655	1.557	0.002	1,125	2.250	-	-	-	0.002	1,125	2.250	
Item - Aircrew Laser Eye Protection (ALEP) Block 2: Night Variant	P-40a	A	-	-	-	0.002	1,612	3.363	0.004	956	3.416	0.003	1,914	4.785	-	-	-	0.003	1,914	4.785	
Item - Aerial Insertion Equipment	P-40a	A	-	-	-	-	-	8.329	-	-	9.305	-	-	9.756	-	-	-	-	-	9.756	
Item - Technical Recovery Equipment	P-40a	A	-	-	-	-	-	8.853	-	-	1.009	-	-	1.200	-	-	-	-	-	1.200	
Item - Medical Equipment	P-40a	A	-	-	-	-	-	0.338	-	-	0.314	-	-	0.350	-	-	-	-	-	0.350	
Item - Maritime Rescue Equipment	P-40a	A	-	-	-	-	-	3.628	-	-	4.351	-	-	4.400	-	-	-	-	-	4.400	
Item - Information Management Equipment	P-40a	A	-	-	-	-	-	-	-	-	3.514	-	-	6.785	-	-	-	-	-	6.785	
Item - PMA	P-40a	A	-	-	-	-	-	-	-	-	1.100	-	-	1.683	-	-	-	-	-	1.683	
Total Gross/Weapon System Cost			-	-	-	-	-	27.873	-	-	24.566	-	-	31.209	-	-	-	-	-	31.209	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY15 procurement dollars procure Aircrew Laser Eye Protection (ALEP) Block 2 spectacles and Guardian Angel equipment.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 2								P-1 Line Item Number / Title: 842990 / Items Less Than \$5 Million								Aggregated Items Title: Items Less Than \$5 Million			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Life Support Equipment Sub-Total																				
Aircrew Laser Eye Protection (ALEP) Block 2: Day Variant	A		-	-	-	0.002	1,930	3.362	0.002	655	1.557	0.002	1,125	2.250	-	-	-	0.002	1,125	2.250
Aircrew Laser Eye Protection (ALEP) Block 2: Night Variant	A		-	-	-	0.002	1,612	3.363	0.004	956	3.416	0.003	1,914	4.785	-	-	-	0.003	1,914	4.785
Subtotal: Life Support Equipment Sub-Total			-	-	0.000	-	-	6.725	-	-	4.973	-	-	7.035	-	-	-	-	-	7.035
Guardian Angel Equipment Sub-Total																				
Aerial Insertion Equipment	A		-	-	-	-	-	8.329	-	-	9.305	-	-	9.756	-	-	-	-	-	9.756
Technical Recovery Equipment	A		-	-	-	-	-	8.853	-	-	1.009	-	-	1.200	-	-	-	-	-	1.200
Medical Equipment	A		-	-	-	-	-	0.338	-	-	0.314	-	-	0.350	-	-	-	-	-	0.350
Maritime Rescue Equipment	A		-	-	-	-	-	3.628	-	-	4.351	-	-	4.400	-	-	-	-	-	4.400
Information Management Equipment	A		-	-	-	-	-	-	-	-	3.514	-	-	6.785	-	-	-	-	-	6.785
PMA	A		-	-	-	-	-	-	-	-	1.100	-	-	1.683	-	-	-	-	-	1.683
Subtotal: Guardian Angel Equipment Sub-Total			-	-	0.000	-	-	21.148	-	-	19.593	-	-	24.174	-	-	-	-	-	24.174
Total			-	-	0.000	-	-	27.873	-	-	24.566	-	-	31.209	-	-	-	-	-	31.209

Remarks:

1. Guardian Angel: This effort consists of multiple quantity purchases of Technical Rescue, Maritime Rescue Equipment, Information Management, Personal Protection, Visual Augmentation and SONAR equipment with an aggregate cost in each Fiscal Year.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 3: Depot Plant+Mtrls Handling Eq							P-1 Line Item Number / Title: 843050 / Mechanized Material Handling Equip					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	2.397	6.157	7.670	-	7.670	9.718	8.945	8.853	8.694	-	52.434
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	2.397	6.157	7.670	-	7.670	9.718	8.945	8.853	8.694	-	52.434
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	2.397	6.157	7.670	-	7.670	9.718	8.945	8.853	8.694	-	52.434
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date. Description: The Mechanized Material Handling Equipment line provides funding for Mechanized Material Handling Systems (MMHS) and Storage Aids Systems (SAS). MMHS and SAS equipment provide bases worldwide with automated and static equipment to store, receive, and ship material. MMHS and SAS equipment involves the design and acquisition of mechanized and non-mechanized material handling systems such as receiving, storage, and distribution systems; high density storage systems; and a variety of SAS equipment including racks, bin shelving, modular cabinets, and mezzanines. Transportation systems generally include equipment such as heavy duty freight handling 463L conveyors, pallet buildup/breakdown lift conveyor stations, cargo staging racks, and overhead bridge cranes for air freight terminal systems; roller conveyors and overhead cranes for aerial delivery facility systems; narrow aisle vehicle replacements; and external aircraft fuel tank storage systems. Adequately equipped facilities are essential to the storage and handling of weapon system components, and the processing of personnel, baggage, and freight to reduce pipeline time and to provide Air Force capability to respond to crises and threats whenever they occur in the world. Program elements associated with this P-1Line are 022834F, 072834F, 082834F, 042834F, 052834F, 052844F, 0207597F.												
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019		
AF	Quantity	8	17	16	-	16	-	-	-	-	-	
	Total Obligation Authority	1.972	4.125	5.025	-	5.025	-	-	-	-		
AFNG	Quantity	1	6	7	-	7	-	-	-	-		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 3: Depot Plant+Mtrls Handling Eq	P-1 Line Item Number / Title: 843050 / Mechanized Material Handling Equip

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements:			
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AFR	Total Obligation Authority	0.210	2.032	2.645	-	2.645	-	-	-	-
	Quantity	1	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.215	-	-	-	-	-	-	-	-
Total: Secondary Distribution		10	23	23	-	23	-	-	-	-
		Quantity	10	23	-	23	-	-	-	-
		Total Obligation Authority	2.397	6.157	-	7.670	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - AIR FREIGHT TERMINAL EQUIPMENT	P-40a	A	-	-	-	-	-	-	0.450	1	0.450	-	-	-	-	-	-	-	-	-
Item - BAGGAGE CONVEYOR SYSTEM	P-40a	A	-	-	-	-	-	-	0.300	1	0.300	0.450	1	0.450	-	-	-	0.450	1	0.450
Item - BRIDGE CRANE	P-40a	A	-	-	-	0.107	1	0.107	-	-	-	-	-	-	-	-	-	-	-	-
Item - CONVEYOR	P-40a	A	-	-	-	-	-	-	-	-	-	0.300	1	0.300	-	-	-	0.300	1	0.300
Item - EXTERNAL ACFT FUEL TANK STORAGE SYSTEM	P-40a	A	-	-	-	-	-	-	-	-	-	1.066	1	1.066	-	-	-	1.066	1	1.066
Item - HIGH DENSITY STORAGE SYSTEM	P-40a	A	-	-	-	0.294	1	0.294	0.300	4	1.200	-	-	-	-	-	-	-	-	-
Item - NARROW AISLE EQUIPMENT REPLACEMENT	P-40a	A	-	-	-	-	-	-	-	-	-	0.225	2	0.450	-	-	-	0.225	2	0.450
Item - RECEIVING, STORAGE & DISTRIBUTION SYSTEM	P-40a	A	-	-	-	-	-	-	0.370	1	0.370	0.238	1	0.238	-	-	-	0.238	1	0.238
Item - STORAGE AIDS SYSTEM	P-40a	A	-	-	-	0.250	8	1.996	0.240	16	3.837	0.304	17	5.166	-	-	-	0.304	17	5.166
Total Gross/Weapon System Cost			-	-	-	-	-	2.397	-	-	6.157	-	-	7.670	-	-	-	-	-	7.670

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

FY15 procurement funds MMHS/SAS equipment which increases the productivity of Air Force operations, enhances management control of assets, reduces multiple handling of logistics material by consolidating assets, increases flexibility at a minimum investment cost, enhances safety, reduces losses due to damage of materials in transport, and reduces congestion and delays in the receiving, storage and issue operations in supply, base level maintenance, and transportation facilities. Also provides critical support for mission readiness of F-16 realignment, and F-22, F-35, and KC-46A beddown of assets through the use of MMHS/SAS equipment.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 3: Depot Plant+Mtrls Handling Eq		P-1 Line Item Number / Title: 843050 / Mechanized Material Handling Equip
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities. MMHE is identified on the attached 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.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 3									P-1 Line Item Number / Title: 843050 / Mechanized Material Handling Equip							Aggregated Items Title: Mechanized Material Handling Equip					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
Uncategorized																					
AIR FREIGHT TERMINAL EQUIPMENT	A		-	-	-	-	-	-	0.450	1	0.450	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		-	-		1	0.450		-	-		-	-		-	-	
BAGGAGE CONVEYOR SYSTEM	A		-	-	-	-	-	-	0.300	1	0.300	0.450	1	0.450	-	-	-	0.450	1	0.450	
Secondary Distribution																					
AF				-	-		-	-		1	0.300		1	0.450		-	-		1	0.450	
BRIDGE CRANE	A		-	-	-	0.107	1	0.107	-	-	-	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		1	0.107		-	-		-	-		-	-		-	-	
CONVEYOR	A		-	-	-	-	-	-	-	-	-	0.300	1	0.300	-	-	-	0.300	1	0.300	
Secondary Distribution																					
AF				-	-		-	-		-	-		1	0.300		-	-		1	0.300	
EXTERNAL ACFT FUEL TANK STORAGE SYSTEM	A		-	-	-	-	-	-	-	-	-	1.066	1	1.066	-	-	-	1.066	1	1.066	
Secondary Distribution																					
AFNG				-	-		-	-		-	-		1	1.066		-	-		1	1.066	
HIGH DENSITY STORAGE SYSTEM	A		-	-	-	0.294	1	0.294	0.300	4	1.200	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		1	0.294		1	0.200		-	-		-	-		-	-	
AFNG				-	-		-	-		3	1.000		-	-		-	-		-	-	
NARROW AISLE EQUIPMENT REPLACEMENT	A		-	-	-	-	-	-	-	-	-	0.225	2	0.450	-	-	-	0.225	2	0.450	
Secondary Distribution																					
AF				-	-		-	-		-	-		2	0.450		-	-		2	0.450	
RECEIVING, STORAGE & DISTRIBUTION SYSTEM	A		-	-	-	-	-	-	0.370	1	0.370	0.238	1	0.238	-	-	-	0.238	1	0.238	
Secondary Distribution																					
AF				-	-		-	-		1	0.370		1	0.238		-	-		1	0.238	
STORAGE AIDS SYSTEM	A		-	-	-	0.250	8	1.996	0.240	16	3.837	0.304	17	5.166	-	-	-	0.304	17	5.166	
Secondary Distribution																					
AF				-	-		6	1.571		13	2.805		11	3.587		-	-		11	3.587	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 3								P-1 Line Item Number / Title: 843050 / Mechanized Material Handling Equip								Aggregated Items Title: Mechanized Material Handling Equip			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
AFR				-	-		1	0.215		-	-		-	-		-	-		-	-
AFNG				-	-		1	0.210		3	1.032		6	1.579		-	-		6	1.579
<i>Subtotal: Uncategorized</i>			-	-	0.000	-	-	2.397	-	-	6.157	-	-	7.670	-	-	-	-	-	7.670
Total			-	-	0.000	-	-	2.397	-	-	6.157	-	-	7.670	-	-	-	-	-	7.670

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force									Date: March 2014			
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 Number / Title: 845010 / Base Procured Equipment					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	7.422	10.994	14.125	-	14.125	13.116	12.837	12.812	12.858	-	84.164
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	7.422	10.994	14.125	-	14.125	13.116	12.837	12.812	12.858	-	84.164
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	7.422	10.994	14.125	-	14.125	13.116	12.837	12.812	12.858	-	84.164
<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>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date. Description: Base Procured Equipment: Organizations throughout the Air Force acquire authorized investment equipment from the General Services Administration, Defense Logistics Agency, and commercial sources when these items exceed \$250,000 in cost or are unavailable through Air Force central procurement. Examples of equipment in this P-1 line typically include equipment and/or specialized tools for road and ground maintenance; vehicle maintenance; vehicle corrosion control; civil engineering maintenance; electrical and carpentry shops; specialized laboratories; kitchen and dining facilities; printing plants; microfilm, graphics support facilities; training ranges; and to satisfy air conditioning and heating requirements; physiological trainers to include, but are not limited to Barney Chairs, Altitude Chambers, Spatial Disorientation Trainers, Hypoxia Familiarization Trainers and Part Task Trainers, Reduced Oxygen Breathing Devices, Terrain Boards, Parachuting Trainers, Aircrew Exercise Equipment. Power Conditioning & Continuation Interfacing Equipment (PCCIE): The PCCIE Program Office procures, replaces and modernizes uninterruptible power supply (UPS) systems to meet Air Force requirements. Many of these systems have exceeded the life expectancy of 12-15 years. The PCCIE program is structured into small projects (less than 125 kilovolt amps (kva)) and large projects (greater than 125 kva) and includes associated ancillary equipment. PEs associated with this P-1 Line are: 0202834F, 0205219F, 0208534F, 0305534F, 0402834F, 0502834F, 0502844F, 0702834F, 0802834F, 0804721F, 0804731F, 0804743F, 0804752F, 0808534F, 0901212F Projected allocations for Reserve Component Requirements (subject to Total Force demand and priority).												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
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 Number / Title: 845010 / Base Procured Equipment									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Item - AF SPACE CMD	P-40a	A	-	-	-	-	-	0.218	-	-	0.446	-	-	-	-	-	-	-	-	-	
Item - AIR EDUCATION & TRAINING CMD	P-40a	A	-	-	-	-	-	2.138	-	-	5.227	-	-	5.735	-	-	-	-	-	5.735	
Item - US AIR FORCES EUROPE	P-40a	A	-	-	-	-	-	0.219	-	-	0.530	-	-	-	-	-	-	-	-	-	
Item - US AIR FORCE ACADEMY	P-40a	A	-	-	-	-	-	0.831	-	-	-	-	-	0.019	-	-	-	-	-	0.019	
Item - AIR FORCE EDUCATION AND TRAINING	P-40a	A	-	-	-	-	-	0.810	-	-	-	-	-	2.175	-	-	-	-	-	2.175	
Item - AIR FORCE WIDE/ PCCIE	P-40a	A	-	-	-	-	-	3.206	-	-	4.791	-	-	6.196	-	-	-	-	-	6.196	
Total Gross/Weapon System Cost			-	-	-	-	-	7.422	-	-	10.994	-	-	14.125	-	-	-	-	-	14.125	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: Base Procured Equipment: The equipment described above is needed for day-to-day maintenance and operation of bases, and for indirect support of weapon systems assigned to Active, Air National Guard, and Air Force Reserve forces. The program supports organizations at multiple major commands. Requirements and priorities are affected by assignment and conversion of new equipment; beddown of new weapon systems; reorganizations; natural disasters; new operational methods to increase efficiency and safety; and energy conservation initiatives. Power Conditioning & Continuation Interfacing Equipment (PCCIE): The new systems collectively satisfy critical user requirements and will: 1. Reduce overall footprint and weight by 50-60%. 2. Reduce operating and sustainment costs by 30%-50%. 3. Reduce acquisition costs as it applies to installation since many newer systems consist of more internal pre-wiring. 4. Lower parts count dramatically improves reliability by reducing the potential points of failure within the system. 5. Produce greater energy savings and higher operating efficiency in all configurations, typically between 92% and 93.5%; with all types of loads. The Uninterruptible Power Supply (UPS) systems protect sensitive electronic equipment/systems such as command and control centers, intelligence missions, radars, etc.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 5								P-1 Line Item Number / Title: 845010 / Base Procured Equipment								Aggregated Items Title: Base Procured Equipment			

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
AF SPACE CMD	A		-	-	-	-	-	0.218	-	-	0.446	-	-	-	-	-	-	-	-	-
AIR EDUCATION & TRAINING CMD	A		-	-	-	-	-	2.138	-	-	5.227	-	-	5.735	-	-	-	-	-	5.735
US AIR FORCES EUROPE	A		-	-	-	-	-	0.219	-	-	0.530	-	-	-	-	-	-	-	-	-
US AIR FORCE ACADEMY	A		-	-	-	-	-	0.831	-	-	-	-	-	0.019	-	-	-	-	-	0.019
AIR FORCE EDUCATION AND TRAINING	A		-	-	-	-	-	0.810	-	-	-	-	-	2.175	-	-	-	-	-	2.175
AIR FORCE WIDE/ PCCIE	A		-	-	-	-	-	3.206	-	-	4.791	-	-	6.196	-	-	-	-	-	6.196
Subtotal: Uncategorized			-	-	-	-	-	7.422	-	-	10.994	-	-	14.125	-	-	-	-	-	14.125
Total			-	-	-	-	-	7.422	-	-	10.994	-	-	14.125	-	-	-	-	-	14.125

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 845100 / Contingency Operations

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	-	4.934	87.779	16.744	-	16.744	11.501	8.558	9.668	10.310	-	149.494
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	-	4.934	87.779	16.744	-	16.744	11.501	8.558	9.668	10.310	-	149.494
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	-	4.934	87.779	16.744	-	16.744	11.501	8.558	9.668	10.310	-	149.494
(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>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

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

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.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AF	Quantity	1	12	26	-	26	-	-	-	-
	Total Obligation Authority	1.265	39.870	8.552	-	8.552	-	-	-	-
AFNG	Quantity	2	6	4	-	4	-	-	-	-
	Total Obligation Authority	1.283	39.483	0.675	-	0.675	-	-	-	-
Total:	Quantity	3	18	30	-	30	-	-	-	-

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 845100 / Contingency Operations

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:				Other Related Program Elements:			
Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Secondary Distribution	Total Obligation Authority	2.548	79.353	9.227	-	9.227	-	-	-	-

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - CVRJ CREW Refurbishment	P-40a	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - FUTURE RADIOGRAPHIC SYSTEM (FRS)	P-40a	A	-	-	-	0.082	29	2.386	0.080	105	8.426	0.080	94	7.516	-	-	-	0.080	94	7.516
Item - Total Containment Vessel	P-40a	A	-	-	-	-	-	-	-	-	-	0.325	10	3.250	-	-	-	0.325	10	3.250
Item - Base Support Emergency Response Transport	P-40a	A	-	-	-	-	-	-	0.350	7	2.450	0.350	10	3.500	-	-	-	0.350	10	3.500
Item - Fuze Disassembly System, Explosive Ordnance Disposal	P-40a	A	-	-	-	-	-	-	0.080	2	0.160	-	-	-	-	-	-	-	-	-
Item - RECOVERY REPAIR KIT (Training Sized)	P-40a	A	-	-	-	0.641	2	1.283	6.581	6	39.483	0.169	4	0.675	-	-	-	0.169	4	0.675
Item - RECOVERY REPAIR KIT - R1 (Medium Sized Kit)	P-40a	A	-	-	-	1.265	1	1.265	12.983	2	25.966	0.333	3	0.999	-	-	-	0.333	3	0.999
Item - RECOVERY REPAIR KIT - R2	P-40a	A	-	-	-	-	-	-	11.294	1	11.294	0.292	2	0.584	-	-	-	0.292	2	0.584
Item - RECOVERY REPAIR KIT - R3	P-40a	A	-	-	-	-	-	-	-	-	-	0.219	1	0.219	-	-	-	0.219	1	0.219
Item - AF REPROGRAMMED FUNDS	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			-	-	-	-	-	4.934	-	-	87.779	-	-	16.744	-	-	-	-	-	16.744

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:

FY15 baseline procurement dollars procures Future Radiographic Systems, Total Containment Vessels, Base Emergency Response Transports, and Airfield Damage Repair Kits.

-FY15 funding (\$7.516M) will procure ninety four (94) units of a compact Radiographic Systems: Explosive Ordnance Disposal (EOD) teams use radiographic systems to diagnose, identify, and help determine neutralization procedures during 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. Increment 1 is a joint service requirement that is validated through the EOD Military Technical Acceptance Board (MTAB), a joint service entity with oversight by the

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 845100 / Contingency Operations
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Dept of the Navy (Single Service Manager for EOD Training and Technology). The Decision Support System (DSS) provides the computing resource to operate the radiographic system. Increment 2 will provide a compact version of the system for dismount and dispersed operations.		
-FY15 funding (\$3.250M) will procure ten (10) units. The Total Containment Vessel (TCV) is a 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).		
-FY15 funding (\$3.500M) will procure ten (10) Base Support Emergency Response Units. It 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 (flight line), conventional munitions and aircraft mishaps. Also provides C2 capability for incident command and team leader operations.		
-FY15 baseline funding (\$2.5M) will procure increased crater repair capability for five PACOM locations. The FY15 monies will provide an initial Airfield Damage Repair (ADR) capability to provide semi-permanent repairs for dozens of craters and supporting multiple airframe types. The Air Field Damage 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.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 5									P-1 Line Item Number / Title: 845100 / Contingency Operations							Aggregated Items Title: Contingency Operations					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)	
CREW																					
CVRJ CREW Refurbishment	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: CREW			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Uncategorized																					
FUTURE RADIOGRAPHIC SYSTEM (FRS)	A		-	-	-	0.082	29	2.386	0.080	105	8.426	0.080	94	7.516	-	-	-	0.080	94	7.516	
Total Containment Vessel	A		-	-	-	-	-	-	-	-	-	0.325	10	3.250	-	-	-	0.325	10	3.250	
Secondary Distribution																					
AF				-	-		-	-		-	-		10	3.250		-	-		10	3.250	
Base Support Emergency Response Transport	A		-	-	-	-	-	-	0.350	7	2.450	0.350	10	3.500	-	-	-	0.350	10	3.500	
Secondary Distribution																					
AF				-	-		-	-		7	2.450		10	3.500		-	-		10	3.500	
Fuze Disassembly System, Explosive Ordnance Disposal	A		-	-	-	-	-	-	0.080	2	0.160	-	-	-	-	-	-	-	-	-	
Secondary Distribution																					
AF				-	-		-	-		2	0.160		-	-		-	-		-	-	
RECOVERY REPAIR KIT (Training Sized)	A		-	-	-	0.641	2	1.283	6.581	6	39.483	0.169	4	0.675	-	-	-	0.169	4	0.675	
Secondary Distribution																					
AFNG				-	-		2	1.283		6	39.483		4	0.675		-	-		4	0.675	
RECOVERY REPAIR KIT - R1 (Medium Sized Kit)	A		-	-	-	1.265	1	1.265	12.983	2	25.966	0.333	3	0.999	-	-	-	0.333	3	0.999	
Secondary Distribution																					
AF				-	-		1	1.265		2	25.966		3	0.999		-	-		3	0.999	
RECOVERY REPAIR KIT - R2	A		-	-	-	-	-	-	11.294	1	11.294	0.292	2	0.584	-	-	-	0.292	2	0.584	
Secondary Distribution																					
AF				-	-		-	-		1	11.294		2	0.584		-	-		2	0.584	
RECOVERY REPAIR KIT - R3	A		-	-	-	-	-	-	-	-	-	0.219	1	0.219	-	-	-	0.219	1	0.219	
Secondary Distribution																					
AF				-	-		-	-		-	-		1	0.219		-	-		1	0.219	
AF REPROGRAMMED FUNDS	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 5								P-1 Line Item Number / Title: 845100 / Contingency Operations							Aggregated Items Title: Contingency Operations				

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Secondary Distribution																				
AF				-	-		-	-		-	-		-	-		-	-		-	-
Subtotal: Uncategorized			-	-	0.000	-	-	4.934	-	-	87.779	-	-	16.744	-	-	-	-	-	16.744
Total			-	-	0.000	-	-	4.934	-	-	87.779	-	-	16.744	-	-	-	-	-	16.744

Remarks:

FY15 OCO funding amounts for JCREW AND ADR will be provided upon final approval.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force										Date: March 2014			
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 Number / Title: 845380 / Productivity Capital Investment						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	3.469	1.227	2.495	-	2.495	-	-	-	-	-	7.191	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	-	3.469	1.227	2.495	-	2.495	-	-	-	-	-	7.191	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	-	3.469	1.227	2.495	-	2.495	-	-	-	-	-	7.191	
<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>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] The FY 2015 OCO Request will be submitted at a later date.													
Description: FY15 funds Air Force Productivity Capital Investment (PCI) projects in the Productivity Investment Fund (PIF) program. Funds are available to all Air Force organizations to encourage productivity enhancements for more efficient operations, focus on labor cost savings, and reductions in unit costs of operations. This program conserves critical resources, enhances unit capability, and improves combat effectiveness. Program element associated with this line is 0901215F.													

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - Air Force Wide Projects	P-40a	A	-	-	-	-	-	3.469	-	-	1.227	-	-	2.495	-	-	-	-	-	2.495
Total Gross/Weapon System Cost			-	-	-	-	-	3.469	-	-	1.227	-	-	2.495	-	-	-	-	-	2.495

*For Items, Title represents the Item Number / Title [DODIC].

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

Justification:
FY15 procurement dollars will procure qualifying projects that must cost \$250,000 or more, and amortize in less than four years. Projects are approved based on shortest payback and highest rate of return on investment. Projects continue to yield life cycle savings of over \$3 for every \$1 invested. Productivity Capital Investments is an ongoing program.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 845380 / Productivity Capital Investment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Major Commands provide their own offsets from projected savings to sustain future investments for this program. This funding improves the capability to implement productivity improvements and enhancements in the work place, throughout the Air Force.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 5							P-1 Line Item Number / Title: 845380 / Productivity Capital Investment								Aggregated Items Title: Productivity Capital Investment					
Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
Air Force Wide Projects	A		-	-	-	-	-	3.469	-	-	1.227	-	-	2.495	-	-	-	-	-	2.495
Subtotal: Uncategorized			-	-	-	-	-	3.469	-	-	1.227	-	-	2.495	-	-	-	-	-	2.495
Total			-	-	-	-	-	3.469	-	-	1.227	-	-	2.495	-	-	-	-	-	2.495

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force								Date: March 2014				
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 Number / Title: 845420 / Mobility Equipment						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	14.452	77.859	10.573	-	10.573	13.606	9.886	9.510	9.680	-	145.566
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	14.452	77.859	10.573	-	10.573	13.606	9.886	9.510	9.680	-	145.566
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	14.452	77.859	10.573	-	10.573	13.606	9.886	9.510	9.680	-	145.566
(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>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: FY14 funding total includes \$68M requested 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, and support equipment) at austere sites lacking infrastructure. BEAR assets are a critical Agile Combat Support enabler for the Expeditionary Air Force. 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.												
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.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 845420 / Mobility Equipment

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

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.

Hygiene Shelters: Hygiene Shelters are designed to be used as changing rooms connecting to the BEAR Hygiene System. The shelters support personnel utilizing BEAR Hygiene Systems.

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, and then serve, 500 meals over a two hour serving period, twice per day (24 hour period). The Feeding system is worldwide 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.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - EALS	P-40a	A	-	-	0.000	-	-	-	1,422K	2	2.843	1,225K	1	1.225	-	-	-	1,225K	1	1.225
Item - POWER GENERATION	P-40a	A	-	-	0.000	514,740.74	27	13.898	520,833.33	60	31.250	543,142.86	14	7.604	-	-	-	543,142.86	14	7.604
Item - HYGIENE BASELINE	P-40a	A	-	-	-	-	-	-	473,684.21	38	18.000	-	-	-	-	-	-	-	-	-
Item - HYGIENE SHELTER BASELINE	P-40a	A	-	-	-	9,187.50	16	0.147	12,019.23	208	2.500	-	-	-	-	-	-	-	-	-
Item - FEEDING	P-40a	A	-	-	-	-	-	-	73,676.47	272	20.040	-	-	-	-	-	-	-	-	-
Item - PMA - OTHER GOVERNMENT COST	P-40a	A	-	-	-	-	-	0.300	-	-	0.074	-	-	0.074	-	-	-	-	-	0.074
Item - PMA- CONTRACTOR SERVICES	P-40a	A	-	-	-	-	-	0.107	-	-	1.070	-	-	1.070	-	-	-	-	-	1.070
Item - TRANSPORTATION	P-40a	A	-	-	-	-	-	-	-	-	2.082	-	-	0.600	-	-	-	-	-	0.600
Total Gross/Weapon System Cost			-	-	-	-	-	14.452	-	-	77.859	-	-	10.573	-	-	-	-	-	10.573

*For Items, Title represents the Item Number / Title [DODIC].

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

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force		Date: March 2014
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 Number / Title: 845420 / Mobility Equipment
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Justification: FY15 procurement dollars in the amount of \$10.573M procures Fourteen (14) Power Generators with applicable secondary equipment, One (1) EALS, and PMA Contractor Services/PMA Other Government Costs in support of installation and unit mission requirements for Air Force Personnel.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 5								P-1 Line Item Number / Title: 845420 / Mobility Equipment								Aggregated Items Title: Mobility Equipment				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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																				
EALS	A		-	-	0.000	-	-	-	1,422K	2	2.843	1,225K	1	1.225	-	-	-	1,225K	1	1.225
POWER GENERATION	A		-	-	0.000	514,740.74	27	13.898	520,833.33	60	31.250	543,142.86	14	7.604	-	-	-	543,142.86	14	7.604
HYGIENE BASELINE	A		-	-	-	-	-	-	473,684.21	38	18.000	-	-	-	-	-	-	-	-	-
HYGIENE SHELTER BASELINE	A		-	-	-	9,187.50	16	0.147	12,019.23	208	2.500	-	-	-	-	-	-	-	-	-
FEEDING	A		-	-	-	-	-	-	73,676.47	272	20.040	-	-	-	-	-	-	-	-	-
PMA - OTHER GOVERNMENT COST	A		-	-	-	-	-	0.300	-	-	0.074	-	-	0.074	-	-	-	-	-	0.074
PMA- CONTRACTOR SERVICES	A		-	-	-	-	-	0.107	-	-	1.070	-	-	1.070	-	-	-	-	-	1.070
TRANSPORTATION	A		-	-	-	-	-	-	-	-	2.082	-	-	0.600	-	-	-	-	-	0.600
Subtotal: Uncategorized			-	-	0.000	-	-	14.452	-	-	77.859	-	-	10.573	-	-	-	-	-	10.573
Total			-	-	0.000	-	-	14.452	-	-	77.859	-	-	10.573	-	-	-	-	-	10.573

Remarks:

Unit Costs for FY15 are assumed and subject to change.

PMA- Other Government Cost consist of Travel (\$48,000), Supplies (\$5,000), and IT Support (\$21,000).

PMA- Contractor Services consist of Advisory and Assistant Services (\$1,070,000).

FY14 funding total includes \$68M for Overseas Contingency Operations to procure (50) Power Generators, (38) Hygiene Systems, (208)Hygiene Shelters and (272) Feeding.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

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 Number / Title: 845990 / Items Less Than \$5 Million

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ <i>in Millions</i>)	-	1.121	1.954	5.462	-	5.462	29.502	29.940	30.793	50.907	-	149.679
Less PY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ <i>in Millions</i>)	-	1.121	1.954	5.462	-	5.462	29.502	29.940	30.793	50.907	-	149.679
Plus CY Advance Procurement (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ <i>in Millions</i>)	-	1.121	1.954	5.462	-	5.462	29.502	29.940	30.793	50.907	-	149.679
(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>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ <i>in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

The FY 2015 OCO Request will be submitted at a later date.

Description:

This program provides a wide variety of base support items with worldwide application, to include but not limited to: aircraft arresting systems; electronic test stations; expandable and nonexpandable shelters; non-deployable and deployable shelters; pipe bending machines; electronic test set groups; fuels operational readiness capability equipment (FORCE); and heat treating furnaces. This equipment provides prime support for all base missions. Lack of funding for these equipment items limits maintenance capabilities, testing functions, anti-terrorism/security missions, communications capabilities, flight operations, and the ability of Air Force units to meet deployment requirements.

Program elements associated with this P-1 Line are: 0202834F, 0207142F, 0208031F 0402834F, 0502834F, 0502844F, 0702834F, 0802834F.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Item - FSC 1710 AIRCRAFT ARRESTING SYSTEM	P-40a	A	-	-	-	0.783	1	0.783	1.223	1	1.223	0.369	10	3.689	-	-	-	0.369	10	3.689
Item - AFPSL VNA STATION UPGRADE	P-40a	A	-	-	-	-	-	-	0.300	1	0.300	-	-	-	-	-	-	-	-	-
Item - DEPLOYABLE DEBRIEF FACILITIES (DDF)	P-40a	A	-	-	-	-	-	0.338	-	-	0.431	-	-	1.773	-	-	-	-	-	1.773
Total Gross/Weapon System Cost			-	-	-	-	-	1.121	-	-	1.954	-	-	5.462	-	-	-	-	-	5.462

*For Items, Title represents the Item Number / Title [DODIC].

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force			Date: March 2014
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 Number / Title: 845990 / Items Less Than \$5 Million	
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:		Other Related Program Elements:
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.			

Justification:
FY15 procurement dollars in the amount of \$5.5462 procures Ten (10) Aircraft Arresting Barriers, and One (1) F-35 Air System DDF in support of installation and unit mission requirements for Air Force personnel.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 04 / 5								P-1 Line Item Number / Title: 845990 / Items Less Than \$5 Million							Aggregated Items Title: Items Less Than \$5 Million				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
Uncategorized																				
FSC 1710 AIRCRAFT ARRESTING SYSTEM	A		-	-	-	0.783	1	0.783	1.223	1	1.223	0.369	10	3.689	-	-	-	0.369	10	3.689
AFPSL VNA STATION UPGRADE	A		-	-	-	-	-	-	0.300	1	0.300	-	-	-	-	-	-	-	-	-
DEPLOYABLE DEBRIEF FACILITIES (DDF)	A		-	-	-	-	-	0.338	-	-	0.431	-	-	1.773	-	-	-	-	-	1.773
Subtotal: Uncategorized			-	-	-	-	-	1.121	-	-	1.954	-	-	5.462	-	-	-	-	-	5.462
Total			-	-	-	-	-	1.121	-	-	1.954	-	-	5.462	-	-	-	-	-	5.462

Remarks:

Unit Costs for FY15 are assumed and are subject to change.

F-35 Air System security backbone requires three (3) separate, linkable deployable facilities per squadron. Provides support to operations in a deployed environment, used as follows: one each for - Operations (brief/Debrief), Maintenance (classified parts storage), and ALIS (physical ALIS servers).

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity:
3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 6: Special Support Projects

P-1 Line Item Number / Title:
846070 / DARP RC135

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

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	22.282	20.577	24.710	-	24.710	25.237	25.700	26.153	26.620	-	171.279
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	22.282	20.577	24.710	-	24.710	25.237	25.700	26.153	26.620	-	171.279
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	22.282	20.577	24.710	-	24.710	25.237	25.700	26.153	26.620	-	171.279

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

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

Detailed information on the DARP RC 135 program remains classified and will be provided on a need-to-know basis. For further information, please contact AF/A2RM, (703) 614-7317.

The program element associated with this P-1 Line is: 0305207F

Justification:

DARP RC 135 program remains classified and will be provided on a need-to-know basis.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 04: Other Base Maintenance and Support Equip / BSA 6: Special Support Projects	P-1 Line Item Number / Title: 846080 / DCGS-AF

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

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	129.949	115.620	206.743	-	206.743	147.738	173.707	153.908	153.017	-	1,080.682
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	129.949	115.620	206.743	-	206.743	147.738	173.707	153.908	153.017	-	1,080.682
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	-	129.949	115.620	206.743	-	206.743	147.738	173.707	153.908	153.017	-	1,080.682

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

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

Detailed information on DCGS-AF remains classified and will be provided on a need-to-know basis. For further information, please contact, AF/A2RM, (703) 697-4723.

This program element is associated with the following P-1 Lines: 0305208F, 0305240F.

Justification:

DCGS-AF remains classified and will be provided on a need-to-know basis.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force	Date: March 2014

Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 05: Spares and Repair Parts / BSA 1: Spares And Repair Parts	P-1 Line Item Number / Title: 861900 / Spares and Repair Parts

ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
Line Item MDAP/MAIS Code:	Item MDAP/MAIS Code(s): 199, 166	

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	12.231	21.596	32.813	-	32.813	55.502	65.275	37.667	63.268	-	288.352
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	-	12.231	21.596	32.813	-	32.813	55.502	65.275	37.667	63.268	-	288.352
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	12.231	21.596	32.813	-	32.813	55.502	65.275	37.667	63.268	-	288.352

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

[#] The FY 2015 OCO Request will be submitted at a later date.

Description:

Initial Spares consist of reparable components, assemblies, subassemblies, and consumable items required as initial stock (including readiness spares package requirements) in support of newly fielded vehicles, communications electronics and telecommunications equipment, and other base maintenance and support equipment items. Requirements are determined by applying established factors against the acquisition cost of the end items. The factors are based on historical data of similar equipment, employment/deployment concepts, production schedules, and other related information.

This line contains funding for the following Major Defense Acquisition Programs (MDAP):

MILSATCOM Terminals, 199
 NAVSTAR Global Positioning System, 166

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
P-18 - Spares and Repair Parts	P-18				-			12.231			21.596			32.813			-			32.813
Total Gross/Weapon System Cost			-	-	-	-	-	12.231	-	-	21.596	-	-	32.813	-	-	-	-	-	32.813

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Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 3080F: Other Procurement, Air Force / BA 05: Spares and Repair Parts / BSA 1: Spares And Repair Parts												P-1 Line Item Number / Title: 861900 / Spares and Repair Parts									
ID Code (A=Service Ready, B=Not Service Ready) :						Program Elements for Code B Items:						Other Related Program Elements:									
Line Item MDAP/MAIS Code:				Item MDAP/MAIS Code(s): 199, 166																	
Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits		Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
P-18 - Spares and Repair Parts	P-18			55.502			65.275			37.667			63.268			-				288.352	
Total Gross/Weapon System Cost			-	-	55.502	-	-	65.275	-	-	37.667	-	-	63.268	-	-	-	-	-	288.352	
*For the P-18, Title represents the P18 Title.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: In FY 2015, MILSATCOM Terminals, Information Systems Security Program, and Air Traffic Control, Approach, and Landing System have large initial spare requirements.																					

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Exhibit P-18, Initial and Replenishment Spare and Repair Parts Justification: PB 2015 Air Force										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 3080F / 05 / 1				P-1 Line Item Number / Title: 861900 / Spares and Repair Parts						Name: Spares and Repair Parts		
End Item Line Item Number / Name [MDAP/MAIS]	Prior Years (\$ M)	FY 2013 (\$ M)	FY 2014 (\$ M)	FY 2015 Base (\$ M)	FY 2015 OCO (\$ M)	FY 2015 Total (\$ M)	FY 2016 (\$ M)	FY 2017 (\$ M)	FY 2018 (\$ M)	FY 2019 (\$ M)	To Complete (\$ M)	Total (\$ M)
Initial												
BA 05 - Spares and Repair Parts												
833010 / Air Traffic Control, Approach, and Landing System (ATCALs)	-	1.995	2.753	5.987	-	5.987	5.756	6.476	4.432	4.130	-	31.529
861900 / C-17 AIRCRAFT (IF)	-	-	-	1.069	-	1.069	1.107	-	-	-	-	2.176
834190 / COMBAT TRAINING RANGES, PE 0207249F	-	0.779	3.102	0.900	-	0.900	1.370	0.834	0.673	0.685	-	8.343
845420 / Expeditionary Airfield Basing Assets	-	2.412	1.150	1.462	-	1.462	2.825	2.409	2.185	2.224	-	14.667
835070 / Information Systems Security Program	-	1.390	9.575	4.567	-	4.567	2.992	2.587	1.746	1.778	-	24.635
836780 / MILSATCOM Terminals [199]	-	-	-	12.267	-	12.267	36.683	48.674	24.624	50.371	-	172.619
836730 / NAVSTAR Global Positioning System (Space and Control Segments) [166]	-	0.324	0.252	0.309	-	0.309	0.537	0.474	0.423	0.431	-	2.750
838010 / NCMC - TW/AA System	-	0.646	0.501	0.901	-	0.901	0.882	0.822	0.836	0.851	-	5.439
836770 / Spacelift Range System (SPACE)	-	2.565	2.617	3.136	-	3.136	-	-	-	-	-	8.318
833070 / WEATHER OBSERVATION/FORECAST, PE 0305111F	-	1.476	1.146	1.605	-	1.605	2.296	2.063	1.914	1.949	-	12.449
861900 / Worldwide Joint Strategic Communications	-	0.644	0.500	0.610	-	0.610	1.054	0.936	0.834	0.849	-	5.427
<i>Subtotal: Initial</i>	-	12.231	21.596	32.813	-	32.813	55.502	65.275	37.667	63.268	-	288.352
<i>Total Working Capital Fund Spares</i>	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Exempt Spares</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Cost (Initial + Replenishment)	-	12.231	21.596	32.813	-	32.813	55.502	65.275	37.667	63.268	-	288.352

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