UNCLASSIFIED

Department of Defense
Fiscal Year (FY) 2015 Budget Estimates
March 2014

Army

Justification Book

Aircraft Procurement, Army

UNCLASSIFIED

The following Justification Books were prepared at a cost of $139,860: Aircraft (ACFT), Missile (MSLS), Weapons & Tracked Combat Vehicles (WTCV), Ammunition (AMMO), Other Procurement Army (OPA) 1 - Tactical & Support Vehicles, Other Procurement Army (OPA) 2 - Communications &Electronics, Other Procurement Army (OPA) 3 & 4 - Other Support Equipment & Spares, Research, Development, Test and Evaluation (RDTE) for: Budget Activity 1, Budget Activity 2, Budget Activity 3, Budget Activity 4, Budget Activity 5A, Budget Activity 5B, Budget Activity 6, and Budget Activity 7.

AIRCRAFT PROCUREMENT, ARMY

Appropriation Language

For construction, procurement, and modification of aircraft and equipment, including armor and armament, specialized ground handling equipment, and training devices, spare parts, and accessories therefore; specialized equipment; expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes including rents and transportation of things, $5,102,685,000 to remain available for obligations until September 30, 2017.

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

28 Feb 2014

Appropriation	FY 2013 (Base & OCO)	FY 2014 Base Enacted	FY 2014 OCO Enacted	FY 2014 Total Enacted	FY 2015 Base
Aircraft Procurement, Army	5,938,323	4,764,891	669,000	5,433,891	5,102,685
Total Department of the Army	5,938,323	4,764,891	669,000	5,433,891	5,102,685

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

28 Feb 2014

Appropriation: Aircraft Procurement, Army

Budget Activity	FY 2013 (Base & OCO)	FY 2014 Base Enacted	FY 2014 OCO Enacted	FY 2014 Total Enacted	FY 2015 Base
01. Aircraft	4,670,501	3,605,897	669,000	4,274,897	3,825,220
02. Modification of Aircraft	903,607	808,330		808,330	888,126
04. Support Equipment and Facilities	364,215	350,664		350,664	389,339
Total Aircraft Procurement, Army	5,938,323	4,764,891	669,000	5,433,891	5,102,685

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

28 Feb 2014

Appropriation: 2031A Aircraft Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity	FY 2013 (Base & OCO) Cost	FY 2014 Base Enacted Quantity	FY 2014 Base Enacted Cost	FY 2014 OCO Enacted Quantity	FY 2014 OCO Enacted Cost	FY 2014 Total Enacted Quantity	FY 2014 Total Enacted Cost	FY 2015 Base Quantity	FY 2015 Base Cost	Sec
	Budget Activity 01: Aircraft												
	Fixed Wing												
1	Saturn Arch (MIP)	A					2	24,000	2	24,000			U
2	Utility F/W Aircraft		2	16,417	2	18,052			2	18,052	1	13,617	U
3	Aerial Common Sensor (ACS) (MIP)	A			4	84,700			4	84,700	16	185,090	U
4	MQ-1 UAV	A	15	376,857	15	437,143			15	437,143	19	190,581	U
5	RQ-11 (RAVEN)	A	234	25,764		10,372				10,372		3,964	U
	Rotary												
6	Helicopter, Light Utility (LUH)	A	35	255,620	20	171,227			20	171,227	55	416,617	U
7	AH-64 Apache Block IIIA Reman	A	32	(485,880)	42	(722,311)			42	(722,311)	25	(494,009)	U
	Less: Advance Procurement (PY)					(-113,842)				(-113,842)			U
				485,880		608,469				608,469		494,009	
8	AH-64 Apache Block IIIA Reman Advance Procurement (CY)			107,707		150,931				150,931		157,338	U
9	AH-64 Apache Block IIIB New Build	A	12	(179,322)		(156,999)	4	(142,000)	4	(298,999)			U
	Less: Advance Procurement (PY)					(-156,999)				(-156,999)			U
				179,322				142,000		142,000			
10	AH-64 Apache Block IIIB New Build Advance Procurement (CY)			146,121									U
11	Kiowa Warrior WRA	A	9	110,351			9	117,000	9	117,000			U

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

28 Feb 2014

Appropriation: 2031A Aircraft Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity	FY 2013 (Base & OCO) Cost	FY 2014 Base Enacted Quantity	FY 2014 Base Enacted Cost	FY 2014 OCO Enacted Quantity	FY 2014 OCO Enacted Cost	FY 2014 Total Enacted Quantity	FY 2014 Total Enacted Cost	FY 2015 Base Quantity	FY 2015 Base Cost	Sec
12	UH-60 Blackhawk M Model (MYP)		100	(1,462,496)	70	(1,218,916)			70	(1,218,916)	79	(1,237,001)	U
	Less: Advance Procurement (PY)					(-99,940)				(-99,940)			U
				1,462,496		1,118,976				1,118,976		1,237,001	
13	UH-60 Blackhawk M Model (MYP) Advance Procurement (CY)			114,961		116,001				116,001		132,138	U
14	CH-47 Helicopter	A	44	(1,311,974)	28	(868,791)	10	(386,000)	38	(1,254,791)	32	(892,504)	U
	Less: Advance Procurement (PY)					(-77,141)				(-77,141)			U
				1,311,974		791,650		386,000		1,177,650		892,504	
15	CH-47 Helicopter Advance Procurement (CY)			77,031		98,376				98,376		102,361	U
Total Aircraft				4,670,501		3,605,897		669,000		4,274,897		3,825,220	

Budget Activity 02: Modification of Aircraft

Modification of Aircraft

16	MQ-1 Payload (MIP)	A									2	26,913	U
17	MQ-1 Payload - UAS	A	102	173,911		97,781				97,781			U
18	Guardrail Mods (MIP)			15,094		10,262				10,262		14,182	U
19	Multi Sensor ABN Recon (MIP)			4,289		10,467				10,467		131,892	U
20	AH-64 Mods	A		127,530		53,559				53,559		181,869	U
21	CH-47 Cargo Helicopter Mods (MYP)			90,487		149,764				149,764		32,092	U
22	Utility/Cargo Airplane Mods		24	23,048		11,500				11,500		15,029	U
23	Utility Helicopter Mods		83	73,561		74,095				74,095		76,515	U
24	Kiowa Mods Warrior		1	113,065		28,282				28,282			U
25	Network and Mission Plan	A	437	130,527		92,326				92,326		114,182	U

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

28 Feb 2014

Appropriation: 2031A Aircraft Procurement, Army

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity	FY 2013 (Base & OCO) Cost	FY 2014 Base Enacted Quantity	FY 2014 Base Enacted Cost	FY 2014 OCO Enacted Quantity	FY 2014 OCO Enacted Cost	FY 2014 Total Enacted Quantity	FY 2014 Total Enacted Cost	FY 2015 Base Quantity	FY 2015 Base Cost	Sec
26	Comms, Nav Surveillance	A		88,815		92,779				92,779		115,795	U
27	GATM Rollup	A	5	37,065		65,613				65,613		54,277	U
28	RQ-7 UAV MODS	A		26,215		121,902				121,902		125,380	U
Total Modification of Aircraft				903,607		808,330				808,330		888,126	
Budget Activity 04: Support Equipment and Facilities													
	Ground Support Avionics												
29	Aircraft Survivability Equipment			32,224		47,610				47,610		66,450	U
30	Survivability CM					5,700				5,700			U
31	CMWS	A		125,200		103,021				103,021		107,364	U
	Other Support												
32	Avionics Support Equipment			4,880		6,809				6,809		6,847	U
33	Common Ground Equipment			82,412		57,499				57,499		29,231	U
34	Aircrew Integrated Systems			71,408		45,841				45,841		48,081	U
35	Air Traffic Control			46,081		79,692				79,692		127,232	U
36	Industrial Facilities			1,525		1,615				1,615		1,203	U
37	Launcher, 2.75 Rocket		53	485	392	2,877			392	2,877	387	2,931	U
Total Support Equipment and Facilities				364,215		350,664				350,664		389,339	
Total Aircraft Procurement, Army				5,938,323		4,764,891		669,000		5,433,891		5,102,685	

P-1C1: FY 2015 President's Budget (Published Version), as of February 28, 2014 at 08:29:53

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Multiyear Procurment Exhibit 343

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

Appropriation 2031A: Aircraft Procurement, Army

Line #	BA	BSA	Line Item Number	Line Item Title	Page
1	01	10	A11301	SATURN ARCH (MIP)	1
2	01	10	A11300	Utility F/W Aircraft	7
3	01	10	A02005	Aerial Common Sensor (ACS) (MIP)	15
4	01	10	A00005	MQ-1 UAV	23
5	01	10	A00010	RQ-11 (RAVEN)	33
6	01	20	A05001	Helicopter, Light Utility (LUH)	36
7	01	20	A05111	AH-64 Apache Block IIIA Reman	45
8	01	20	A05111	AH-64 Apache Block IIIA Reman, Advance Procurement	52
9	01	20	A05133	AH-64 Apache Block IIIB New Build	56
10	01	20	A05133	AH-64 Apache Block IIIB New Build, Advance Procurement	62
11	01	20	A02345	Kiowa Warrior WRA	65
12	01	20	AA0005	UH-60 Blackhawk M Model (MYP)	73
13	01	20	AA0005	UH-60 Blackhawk M Model (MYP), Advance Procurement	83
14	01	20	A05101	CH-47 Helicopter	86
15	01	20	A05101	CH-47 Helicopter, Advance Procurement	100

Appropriation 2031A: Aircraft Procurement, Army

Line #	BA	BSA	Line Item Number	Line Item Title	Page
16	02	10	A01001	MQ-1 Payload (MIP)	104
17	02	10	A00020	MQ-1 Payload - UAS	114
18	02	10	AZ2000	Guardrail Mods (MIP)	123
19	02	10	AZ2001	Multi Sensor ABN Recon (MIP)	131
20	02	10	AA6605	AH-64 MODS	141
21	02	10	AA0252	CH-47 Cargo Helicopter Mods (MYP)	170
22	02	10	AA0270	Utility/Cargo Airplane Mods	202
23	02	10	AA0480	Utility Helicopter Mods	208
24	02	10	AZ2200	Kiowa Mods Warrior	221
25	02	10	AA0712	Network And Mission Plan	229
26	02	10	AA0723	Comms, Nav Surveillance	242
27	02	10	AA0711	GATM Rollup	257
28	02	10	A00018	RQ-7 UAV MODS	280

Appropriation 2031A: Aircraft Procurement, Army

Line #	BA	BSA	Line Item Number	Line Item Title	Page
29	04	10	AZ3504	Aircraft Survivability Equipment	290
30	04	10	AZ3507	Survivability CM	301
31	04	10	AZ3517	CMWS	307
32	04	30	AZ3000	Avionics Support Equipment	315
33	04	30	AZ3100	Common Ground Equipment	322
34	04	30	AZ3110	Aircrew Integrated Systems	326
35	04	30	AA0050	Air Traffic Control	334
36	04	30	AZ3300	Industrial Facilities	339
37	04	30	A50100	Launcher, 2.75 Rocket	341

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

Line Item Title	Line Item Number	Line #	BA	BSA	Page
AH-64 Apache Block IIIA Reman	A05111	7	01	20	45
AH-64 Apache Block IIIA Reman, Advance Procurement	A05111	8	01	20	52
AH-64 Apache Block IIIB New Build	A05133	9	01	20	56
AH-64 Apache Block IIIB New Build, Advance Procurement	A05133	10	01	20	62
AH-64 MODS	AA6605	20	02	10	141
Aerial Common Sensor (ACS) (MIP)	A02005	3	01	10	15
Air Traffic Control	AA0050	35	04	30	334
Aircraft Survivability Equipment	AZ3504	29	04	10	290
Aircrew Integrated Systems	AZ3110	34	04	30	326
Avionics Support Equipment	AZ3000	32	04	30	315
CH-47 Cargo Helicopter Mods (MYP)	AA0252	21	02	10	170
CH-47 Helicopter	A05101	14	01	20	86
CH-47 Helicopter, Advance Procurement	A05101	15	01	20	100
CMWS	AZ3517	31	04	10	307
Common Ground Equipment	AZ3100	33	04	30	322
Comms, Nav Surveillance	AA0723	26	02	10	242
GATM Rollup	AA0711	27	02	10	257

Line Item Title	Line Item Number	Line #	BA	BSA	Page
Guardrail Mods (MIP)	AZ2000	18	02	10	123
Helicopter, Light Utility (LUH)	A05001	6	01	20	36
Industrial Facilities	AZ3300	36	04	30	339
Kiowa Mods Warrior	AZ2200	24	02	10	221
Kiowa Warrior WRA	A02345	11	01	20	65
Launcher, 2.75 Rocket	A50100	37	04	30	341
MQ-1 Payload (MIP)	A01001	16	02	10	104
MQ-1 Payload - UAS	A00020	17	02	10	114
MQ-1 UAV	A00005	4	01	10	23
Multi Sensor ABN Recon (MIP)	AZ2001	19	02	10	131
Network And Mission Plan	AA0712	25	02	10	229
RQ-11 (RAVEN)	A00010	5	01	10	33
RQ-7 UAV MODS	A00018	28	02	10	280
SATURN ARCH (MIP)	A11301	1	01	10	1
Survivability CM	AZ3507	30	04	10	301
UH-60 Blackhawk M Model (MYP)	AA0005	12	01	20	73
UH-60 Blackhawk M Model (MYP), Advance Procurement	AA0005	13	01	20	83
Utility F/W Aircraft	A11300	2	01	10	7
Utility Helicopter Mods	AA0480	23	02	10	208
Utility/Cargo Airplane Mods	AA0270	22	02	10	202

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A11301 / SATURN ARCH (MIP)

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	-	-	2	-	-	-	-	-	-	-	-	2
Gross/Weapon System Cost *($ in Millions)*	-	-	24.000	-	-	-	-	-	-	-	-	24.000
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	-	-	24.000	-	-	-	-	-	-	-	-	24.000
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**-**	**24.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**24.000**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	12,000.000	-	-	-	-	-	-	-	-	12,000.000

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

Description:

The Saturn Arch and Desert Owl aircraft are Airborne Intelligence, Surveillance and Reconnaissance (AISR) aircraft that support a suite of imaging sensors designed to provide persistent surveillance to accomplish day and night image collection and exploitation of Improvised Explosive Devices (IEDs) in designated Named Areas of Interest (NAIs).

The Saturn Arch and Desert Owl systems are under the operational control of the Task Force Observe, Detect, Identify, and Neutralize (TF ODIN), Afghanistan.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	2	-	-	-	-	-	-	-
	Total Obligation Authority	-	24.000	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**2**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**-**	**24.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A11301 / SATURN ARCH (MIP)	P-5, P-5a, P-21		-	-	-	-	-	-	12,000.000	2	24.000	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			**-**	**-**	**-**	**-**	**-**	**-**	**12,000.000**	**2**	**24.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A11301 / SATURN ARCH (MIP)	
ID Code (A=Service Ready, B=Not Service Ready) :	**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:
FY14 OCO procurement dollars of $24.000 supports the procurement (lease buy-out) of (2) Special Equipment Mission Aircraft (SEMA). The Saturn Arch and Desert Owl aircraft are currently a contractor owned & operated system. Under the Army's Airborne Intelligence, Surveillance and Reconnaissance (AISR) 2020 strategy, the Government will procure these aircraft.

All COMPO 1 Active

"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."

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: A11301 / SATURN ARCH (MIP)	Item Number / Title [DODIC]: A11301 / SATURN ARCH (MIP)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	-	2	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	-	24.000	-	-	-
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	-	-	24.000	-	-	-
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**-**	**24.000**	**-**	**-**	**-**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	12,000.000	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Fixed Wing Aircraft Procurement(†)		-	-	-	-	-	-	12,000.000	2	24.000	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	*24.000*	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost		-	-	-	-	-	-	-	-	*24.000*	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		**-**	**-**	**-**	**-**	**-**	**-**	**12,000.000**	**2**	**24.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	2	-	-	-
	Total Obligation Authority	-	24.000	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**2**	**-**	**-**	**-**
	Total Obligation Authority	**-**	**24.000**	**-**	**-**	**-**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A11301 / SATURN ARCH (MIP)	**Item Number / Title [DODIC]:** A11301 / SATURN ARCH (MIP)

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty *(Each)*	Unit Cost *($ K)*	Specs Avail Now?	Date Revision Available	RFP Issue Date
Fixed Wing Aircraft Procurement(†)		2014	TBD / TBD	C / FFP	Redstone Arsenal, AL	Jun 2014	Jun 2014	2	12,000.000			

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A11301 / SATURN ARCH (MIP)	**Item Number / Title [DODIC]:** A11301 / SATURN ARCH (MIP)

Cost Elements (Units in Each)							Fiscal Year 2014												Fiscal Year 2015												
										Calendar Year 2014												Calendar Year 2015									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Fixed Wing Aircraft Procurement																															
	1	2014	ARMY	2	-	2									2																-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A11301 / SATURN ARCH (MIP)	**Item Number / Title [DODIC]:** A11301 / SATURN ARCH (MIP)

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	1.00	5.00	5.00	-	5	-	5	-	-	-	-

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).

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A11300 / Utility F/W Aircraft

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	29	2	2	1	-	1	3	-	7	7	Continuing	Continuing
Gross/Weapon System Cost *($ in Millions)*	264.720	16.417	18.052	13.617	-	13.617	54.672	1.784	103.698	109.075	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	264.720	16.417	18.052	13.617	-	13.617	54.672	1.784	103.698	109.075	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**264.720**	**16.417**	**18.052**	**13.617**	**-**	**13.617**	**54.672**	**1.784**	**103.698**	**109.075**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	9,128.276	8,208.500	9,026.000	13,617.000	-	13,617.000	18,224.000	-	14,814.000	15,582.143	Continuing	Continuing

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

Description:

The budget line funds the acquisition of Army fixed wing aircraft to include the procurement of fixed wing aircraft to support Special Electronic Mission Aircraft (SEMA), Mission Support Aircraft (MSA), Transport and Operational Support Airlift (OSA) requirements, training, and other fixed wing support aircraft. This budget line also provides for the acquisition of new commercial-off-the-shelf (COTS), modified COTS, and non-developmental fixed wing aircraft systems including used aircraft systems.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	2	2	1	-	1	3	-	7	7
	Total Obligation Authority	16.417	18.052	13.617	-	13.617	54.672	1.784	103.698	109.075
Total: Secondary Distribution	**Quantity**	**2**	**2**	**1**	**-**	**1**	**3**	**-**	**7**	**7**
	Total Obligation Authority	**16.417**	**18.052**	**13.617**	**-**	**13.617**	**54.672**	**1.784**	**103.698**	**109.075**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A11300 / Utility F/W Aircraft	P-5, P-5a, P-21		9,128.276	29	264.720	8,208.500	2	16.417	9,026.000	2	18.052	13,617.000	1	13.617	-	-	-	13,617.000	1	13.617
Total Gross/Weapon System Cost			**9,128.276**	**29**	**264.720**	**8,208.500**	**2**	**16.417**	**9,026.000**	**2**	**18.052**	**13,617.000**	**1**	**13.617**	**-**	**-**	**-**	**13,617.000**	**1**	**13.617**

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

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A11300 / Utility F/W Aircraft	
ID Code (A=Service Ready, B=Not Service Ready) :	**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 Base procurement dollars in the amount of $13.617 million support the procurement of (1) fixed wing aircraft and associated civil and military modifications, Engineering Change Proposals (ECP), Modifications and initial spares.

FY15 APA A11300 procurement dollars of $13.617 million are linked to FY15 APA AA0270 Fixed Wing Modification dollars of $15.029 million, FY15 APA GATM Fixed Wing Aircraft AA0703 of $12.456 million and RDT&E PE 0203744A Project D18 of $0.819 million.

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.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A11300 / Utility F/W Aircraft	**Item Number / Title [DODIC]:** A11300 / Utility F/W Aircraft

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	29	2	2	1	-	1
Gross/Weapon System Cost *($ in Millions)*	264.720	16.417	18.052	13.617	-	13.617
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	264.720	16.417	18.052	13.617	-	13.617
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**264.720**	**16.417**	**18.052**	**13.617**	**-**	**13.617**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	9,128.276	8,208.500	9,026.000	13,617.000	-	13,617.000

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Fixed Wing Aircraft Procurement(†)		9,100.690	29	263.920	5,918.000	2	11.836	6,348.000	2	12.696	9,266.000	1	9.266	-	-	-	9,266.000	1	9.266
Engineering Change Proposal/Modification		-	-	-	-	-	-	534.500	2	1.069	1,000.000	1	1.000	-	-	-	1,000.000	1	1.000
Spares		-	-	-	-	-	-	519.500	2	1.039	1,000.000	1	1.000	-	-	-	1,000.000	1	1.000
Test & Evaluation		-	-	-	-	-	-	1,137.000	1	1.137	800.000	1	0.800	-	-	-	800.000	1	0.800
Program Management		-	-	-	627.000	2	1.254	1,083.000	1	1.083	817.000	1	0.817	-	-	-	817.000	1	0.817
Publication Tech Data		-	-	-	-	-	-	519.000	1	0.519	300.000	1	0.300	-	-	-	300.000	1	0.300
Airworthiness Release		27.586	29	0.800	-	-	-	254.500	2	0.509	434.000	1	0.434	-	-	-	434.000	1	0.434
Other		-	-	-	1,663.500	2	3.327	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	*264.720*	-	-	*16.417*	-	-	*18.052*	-	-	*13.617*	-	-	-	-	-	*13.617*
Subtotal: Flyaway Cost		-	-	*264.720*	-	-	*16.417*	-	-	*18.052*	-	-	*13.617*	-	-	-	-	-	*13.617*
Gross/Weapon System Cost		**9,128.276**	**29**	**264.720**	**8,208.500**	**2**	**16.417**	**9,026.000**	**2**	**18.052**	**13,617.000**	**1**	**13.617**	**-**	**-**	**-**	**13,617.000**	**1**	**13.617**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	2	2	1	-	1
	Total Obligation Authority	16.417	18.052	13.617	-	13.617
Total:	**Quantity**	**2**	**2**	**1**	**-**	**1**

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A11300 / Utility F/W Aircraft	**Item Number / Title [DODIC]:** A11300 / Utility F/W Aircraft

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Secondary Distribution	Total Obligation Authority	16.417	18.052	13.617	-	13.617

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A11300 / Utility F/W Aircraft	**Item Number / Title [DODIC]:** A11300 / Utility F/W Aircraft

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Fixed Wing Aircraft Procurement(†)		2013	Beechcraft / Wichita	C / FFP	Wright Patterson Airforce Base	Jan 2013	Nov 2013	2	5,918.000	N		Feb 2012
Fixed Wing Aircraft Procurement(†)		2014	Beechcraft / Wichita	C / FFP	Wright Patterson Airforce Base	Jan 2014	Sep 2014	2	6,348.000			
Fixed Wing Aircraft Procurement(†)		2015	TBD / TBD	C / FFP	Redstone Arsenal, AL	Jan 2015	Sep 2015	1	9,266.000	N		May 2014

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A11300 / Utility F/W Aircraft	**Item Number / Title [DODIC]:** A11300 / Utility F/W Aircraft

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
							Calendar Year 2013												Calendar Year 2014												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Fixed Wing Aircraft Procurement																															
Prior Years Deliveries: 29																															
	1	2014	ARMY	2	-	2																-	-	-	-	-	-	-	-	2	-
	1	2013	ARMY	2	-	2				-	-	-	-	-	-	-	-	-	-	2											-
	2	2015	ARMY	1	-	1																									1
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A11300 / Utility F/W Aircraft	**Item Number / Title [DODIC]:** A11300 / Utility F/W Aircraft

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
										Calendar Year 2015												Calendar Year 2016									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Fixed Wing Aircraft Procurement																															
Prior Years Deliveries: 29																															
	1	2014	ARMY	2	2	-																									-
	1	2013	ARMY	2	2	-																									-
	2	2015	ARMY	1	-	1				-	-	-	-	-	-	-	-	1													-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A11300 / Utility F/W Aircraft	**Item Number / Title [DODIC]:** A11300 / Utility F/W Aircraft

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	Beechcraft - Wichita	1.00	4.00	4.00	-	12	8	20	-	3	8	11
2	TBD - TBD	1.00	4.00	4.00	-	12	8	20	-	3	8	11

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).

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A02005 / Aerial Common Sensor (ACS) (MIP)
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0605626A

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)*	37	-	4	16	-	16	-	-	-	24	Continuing	Continuing
Gross/Weapon System Cost *($ in Millions)*	729.823	-	84.700	185.090	-	185.090	4.962	4.969	4.970	42.967	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	729.823	-	84.700	185.090	-	185.090	4.962	4.969	4.970	42.967	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**729.823**	**-**	**84.700**	**185.090**	**-**	**185.090**	**4.962**	**4.969**	**4.970**	**42.967**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	19,724.946	-	21,175.000	11,568.125	-	11,568.125	-	-	-	1,790.292	Continuing	Continuing

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

Description:

The Enhanced Medium Altitude Reconnaissance and Surveillance System (EMARSS) is the Army's next generation C-12 based, direct support, manned airborne intelligence collection, processing, and targeting support system. EMARSS provides a persistent capability to detect, locate, classify/identify, and track surface targets with a high degree of timeliness and accuracy. EMARSS aircraft will be assigned to the U.S. Army Intelligence and Security Command's (INSCOM) Aerial Exploitation Battalions (AEB). EMARSS is an improvement over the existing Medium Altitude Reconnaissance and Surveillance System Quick Reaction Capability (MARSS QRC) in that it hosts an on board Distributed Common Ground System - Army (DCGS-A) capability, improved satellite communications, improved aircraft performance, and life cycle logistics sustainment capability.

EMARSS will consist of a commercial derivative aircraft equipped with an Electro-optical/Infrared (EO/IR) sensor with Full Motion Video (FMV), a Communications Intelligence (COMINT) collection system, an Aerial Precision Geolocation (APG) system, tactical line-of-site (LOS) and beyond line-of-site (BLOS) communications suite, two DCGS-A enabled operator workstations and a self-protection suite. EMARSS is built to allow future capabilities to be integrated on platform with the addition of a third carry-on workstation.

EMARSS will operate as a single platform in direct support of tactical missions. EMARSS, integrating elements of the DCGS-A, will provide efficient response to Combat Forces with Intelligence, Surveillance and Reconnaissance (ISR) tasking. EMARSS' flexibility, endurance, sensor capability, communications architecture, and Processing, Exploitation & Dissemination (PED) support is relevant to the entire Find, Fix, Finish, Exploit, Analyze, and Disseminate (F3EAD) cycle.

The Army Acquisition Objective for EMARSS is 24 systems.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	4	16	-	16	-	-	-	24
	Total Obligation Authority	-	84.700	185.090	-	185.090	4.962	4.969	4.970	42.967

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A02005 / Aerial Common Sensor (ACS) (MIP)

ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0605626A

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Total: Secondary Distribution	Quantity	-	4	16	-	16	-	-	-	24
	Total Obligation Authority	-	84.700	185.090	-	185.090	4.962	4.969	4.970	42.967

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A02005 / Aerial Common Sensor (ACS) (MIP)	P-5, P-5a, P-21		19,724.946	37	729.823	-	-	-	21,175.000	4	84.700	11,568.125	16	185.090	-	-	-	11,568.125	16	185.090
Total Gross/Weapon System Cost			**19,724.946**	**37**	**729.823**	**-**	**-**	**-**	**21,175.000**	**4**	**84.700**	**11,568.125**	**16**	**185.090**	**-**	**-**	**-**	**11,568.125**	**16**	**185.090**

*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 Base procurement dollars in the amount of $185.090 million supports the modification and conversion of QRC systems (Constant Hawk (5), MARSS (2), LPA (8), TACOP LiDAR (3) and VaDER (2)) redeploying out of Afghanistan to meet the EMARSS Capabilities Production Document (CPD).

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.

All COMPO 1 Active

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A02005 / Aerial Common Sensor (ACS) (MIP)	**Item Number / Title [DODIC]:** A02005 / Aerial Common Sensor (ACS) (MIP)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	37	-	4	16	-	16
Gross/Weapon System Cost *($ in Millions)*	729.823	-	84.700	185.090	-	185.090
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	729.823	-	84.700	185.090	-	185.090
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**729.823**	**-**	**84.700**	**185.090**	**-**	**185.090**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	19,724.946	-	21,175.000	11,568.125	-	11,568.125

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
ACFT Integration for QRC to POR Mods(†)		-	-	729.823	-	-	-	7,362.500	4	29.450	5,021.875	16	80.350	-	-	-	5,021.875	16	80.350
ACFT Testing		-	-	-	-	-	-	-	-	1.500	-	-	1.500	-	-	-	-	-	1.500
MEP/PED for QRC to POR Mods(†)		-	-	-	-	-	-	4,870.000	4	19.480	3,804.063	16	60.865	-	-	-	3,804.063	16	60.865
MEP/PED Testing		-	-	-	-	-	-	-	-	1.500	-	-	1.300	-	-	-	-	-	1.300
ECPs - MEP/PED		-	-	-	-	-	-	-	-	2.000	-	-	2.000	-	-	-	-	-	2.000
Subtotal: Recurring Cost		-	-	*729.823*	-	-	-	-	-	*53.930*	-	-	*146.015*	-	-	-	-	-	*146.015*
Non Recurring Cost																			
Non-Recurring Engineering		-	-	-	-	-	-	-	-	3.735	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost		-	-	-	-	-	-	-	-	*3.735*	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost		-	-	*729.823*	-	-	-	-	-	*57.665*	-	-	*146.015*	-	-	-	-	-	*146.015*
Hardware Cost																			
Recurring Cost																			
Government Furnished Equipment (GFE)		-	-	-	-	-	-	-	-	4.000	-	-	5.000	-	-	-	-	-	5.000
EMARSS Maintenance Vehicle (EMV)		-	-	-	-	-	-	-	-	1.100	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A02005 / Aerial Common Sensor (ACS) (MIP)	**Item Number / Title [DODIC]:** A02005 / Aerial Common Sensor (ACS) (MIP)

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Support Equipment		-	-	-	-	-	-	-	-	2.000	-	-	3.000	-	-	-	-	-	3.000
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	*7.100*	-	-	*8.000*	-	-	-	-	-	*8.000*
Subtotal: Hardware Cost		-	-	-	-	-	-	-	-	*7.100*	-	-	*8.000*	-	-	-	-	-	*8.000*
Software Cost																			
Recurring Cost																			
Software Licenses		-	-	-	-	-	-	-	-	3.000	-	-	3.000	-	-	-	-	-	3.000
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	*3.000*	-	-	*3.000*	-	-	-	-	-	*3.000*
Subtotal: Software Cost		-	-	-	-	-	-	-	-	*3.000*	-	-	*3.000*	-	-	-	-	-	*3.000*
Logistics Cost																			
Recurring Cost																			
Initial Spares & Repairs		-	-	-	-	-	-	-	-	2.000	-	-	2.500	-	-	-	-	-	2.500
Data		-	-	-	-	-	-	-	-	3.700	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	*5.700*	-	-	*2.500*	-	-	-	-	-	*2.500*
Non Recurring Cost																			
Training Spt / Manuals / NET		-	-	-	-	-	-	-	-	5.000	-	-	5.000	-	-	-	-	-	5.000
Subtotal: Non Recurring Cost		-	-	-	-	-	-	-	-	*5.000*	-	-	*5.000*	-	-	-	-	-	*5.000*
Subtotal: Logistics Cost		-	-	-	-	-	-	-	-	*10.700*	-	-	*7.500*	-	-	-	-	-	*7.500*
Support Cost																			
PMO / SETA Support		-	-	-	-	-	-	-	-	4.235	-	-	9.255	-	-	-	-	-	9.255
Interim Contractor Support & A/C CLS		-	-	-	-	-	-	-	-	-	-	-	8.800	-	-	-	-	-	8.800
Other Government Agencies		-	-	-	-	-	-	-	-	2.000	-	-	2.520	-	-	-	-	-	2.520
Subtotal: Support Cost		-	-	-	-	-	-	-	-	*6.235*	-	-	*20.575*	-	-	-	-	-	*20.575*
Gross/Weapon System Cost		**19,724.946**	**37**	**729.823**	**-**	**-**	**-**	**21,175.000**	**4**	**84.700**	**11,568.125**	**16**	**185.090**	**-**	**-**	**-**	**11,568.125**	**16**	**185.090**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	4	16	-	16
	Total Obligation Authority	-	84.700	185.090	-	185.090
Total: Secondary Distribution	**Quantity**	**-**	**4**	**16**	**-**	**16**
	Total Obligation Authority	**-**	**84.700**	**185.090**	**-**	**185.090**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: A02005 / Aerial Common Sensor (ACS) (MIP)	Item Number / Title [DODIC]: A02005 / Aerial Common Sensor (ACS) (MIP)

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
ACFT Integration for QRC to POR Mods(†)		2014	TBD / TBD	C / TBD	TBD	Dec 2014	Nov 2016	4	7,362.500			
ACFT Integration for QRC to POR Mods(†)		2015	TBD / TBD	C / TBD	TBD	Dec 2014	Nov 2016	16	5,021.875			
MEP/PED for QRC to POR Mods(†)		2014	TBD / TBD	C / TBD	TBD	Dec 2014	Nov 2016	4	4,870.000			
MEP/PED for QRC to POR Mods(†)		2015	TBD / TBD	C / TBD	TBD	Dec 2014	Nov 2016	16	3,804.063			

(†) indicates the presence of a P-21

Remarks:
Total quantity of completed systems is 20. Multiple entries above per fiscal year are representative of separate acquisition and contracting efforts for Aircraft & Integration (PEO AVN/PM FW) and MEP & PED (PEO IEWS/PM SAI).

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A02005 / Aerial Common Sensor (ACS) (MIP)	**Item Number / Title [DODIC]:** A02005 / Aerial Common Sensor (ACS) (MIP)

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
										Calendar Year 2015												Calendar Year 2016									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
ACFT Integration for QRC to POR Mods																															
	1	2014	ARMY	4	-	4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	1	2015	ARMY	16	-	16			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
MEP/PED for QRC to POR Mods																															
	2	2014	ARMY	4	-	4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	2	2015	ARMY	16	-	16			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A02005 / Aerial Common Sensor (ACS) (MIP)	**Item Number / Title [DODIC]:** A02005 / Aerial Common Sensor (ACS) (MIP)

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018												
										Calendar Year 2017												Calendar Year 2018									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
ACFT Integration for QRC to POR Mods																															
	1	2014	ARMY	4	-	4	-	2	2																						-
	1	2015	ARMY	16	-	16	-	2	2	2	2	2	2	2	2																-
MEP/PED for QRC to POR Mods																															
	2	2014	ARMY	4	-	4	-	2	2																						-
	2	2015	ARMY	16	-	16	-	2	2	2	2	2	2	2	2																-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A02005 / Aerial Common Sensor (ACS) (MIP)	**Item Number / Title [DODIC]:** A02005 / Aerial Common Sensor (ACS) (MIP)

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	1.00	1.00	10.00	-	-	-	-	-	-	-	-
2	TBD - TBD	1.00	1.00	10.00	-	-	-	-	-	-	-	-

Remarks:
Total quantity of completed systems is 20. Multiple entries above per fiscal year are representative of separate acquisition and contracting efforts for Aircraft & Integration (PEO AVN/PM FW) and MEP & PED (PEO IEWS/PM SAI).

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).

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A00005 / MQ-1 UAV
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0305204A, 0305219A

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)*	84	15	15	19	-	19	-	-	-	-	-	133
Gross/Weapon System Cost *($ in Millions)*	1,446.299	376.857	437.143	190.581	-	190.581	45.885	47.401	1.988	0.099	-	2,546.253
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,446.299	376.857	437.143	190.581	-	190.581	45.885	47.401	1.988	0.099	-	2,546.253
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,446.299**	**376.857**	**437.143**	**190.581**	**-**	**190.581**	**45.885**	**47.401**	**1.988**	**0.099**	**-**	**2,546.253**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	17,217.845	25,123.800	29,142.867	10,030.579	-	10,030.579	-	-	-	-	-	19,144.759

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

Description:

Gray Eagle provides Reconnaissance, Surveillance, Target Acquisition (RSTA), command and control, communications relay, Signals Intelligence (SIGINIT), battle damage assessment, and manned-unmanned teaming capability. Gray Eagle is a dedicated, assured, multi-mission Unmanned Aircraft System (UAS) fielded to all ten Army Divisions to support the commander's combat operations. The Army Special Operations Aviation Command (ARSOAC) Gray Eagle units and Aerial Exploitation Battalions (AEB) Gray Eagle units are self-contained Intelligence, Surveillance and Reconnaissance capabilities teamed with organic Processing, Exploitation and Dissemination that are a global rapidly deployable force and contribute to the Department of Defense Global ISR mission. A Gray Eagle unit consists of either 9 or 12 Aircraft, Universal Ground Control equipment, Standard Equipment Package and Payloads to include: Electro-Optical/Infrared Laser Range Finder/Laser Designator, synthetic aperture radar/ground moving target indicator, communication relay, and up to 4 HELLFIRE Missiles.

This budget line also includes procurement of training devices, Ground Based Sense and Avoid (GBSAA), and new equipment training and fielding. GBSAA provides alternate means of compliance to FAA See and Avoid (SAA) regulations required for access to the National Airspace System (NAS). GBSAA removes the need to chase UAS with manned aircraft or provide ground observers.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	15	15	19	-	19	-	-	-	-
	Total Obligation Authority	376.857	437.143	190.581	-	190.581	45.885	47.401	1.988	0.099
Total: Secondary Distribution	**Quantity**	**15**	**15**	**19**	**-**	**19**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**376.857**	**437.143**	**190.581**	**-**	**190.581**	**45.885**	**47.401**	**1.988**	**0.099**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A00005 / MQ-1 UAV
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0305204A, 0305219A

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A00005 / MQ-1 UAV	P-5, P-5a, P-21		17,217.845	84	1,446.299	25,123.800	15	376.857	29,142.867	15	437.143	10,030.579	19	190.581	-	-	-	10,030.579	19	190.581
Total Gross/Weapon System Cost			**17,217.845**	**84**	**1,446.299**	**25,123.800**	**15**	**376.857**	**29,142.867**	**15**	**437.143**	**10,030.579**	**19**	**190.581**	**-**	**-**	**-**	**10,030.579**	**19**	**190.581**

*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:
FY2015 Gray Eagle Base funding of $190.581 million procures the last year of Gray Eagle production to include: 19 Aircraft, 19 Satellite Airborne Data Terminals (SADT), Government Furnished Equipment (GFE), and New Equipment Training (NET). It also procures GBSAA Block 1 software certification artifacts, acceptance testing and site preparation and fielding for two locations.

Gray Eagle enables MUM-T capability as an alternate means of performing the scout mission under the Aviation Restructure Initiative.

All COMPO 1 Active

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: A00005 / MQ-1 UAV	Item Number / Title [DODIC]: A00005 / MQ-1 UAV

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	84	15	15	19	-	19
Gross/Weapon System Cost *($ in Millions)*	1,446.299	376.857	437.143	190.581	-	190.581
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,446.299	376.857	437.143	190.581	-	190.581
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,446.299**	**376.857**	**437.143**	**190.581**	**-**	**190.581**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	17,217.845	25,123.800	29,142.867	10,030.579	-	10,030.579

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Aircraft(†)		4,355.333	84	365.848	5,130.733	15	76.961	5,222.000	15	78.330	5,305.526	19	100.805	-	-	-	5,305.526	19	100.805
Portable/Mobile Ground Control Station		775.500	10	7.755	-	-	-	4,063.833	18	73.149	-	-	-	-	-	-	-	-	-
Ground Control Station (GCS)		3,172.400	10	31.724	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Universal Ground Control Station (UGCS)		3,369.259	27	90.970	4,201.375	8	33.611	4,288.500	10	42.885	-	-	-	-	-	-	-	-	-
Universal Ground Data Terminal (UGDT)		2,667.424	33	88.025	1,953.583	12	23.443	1,994.000	3	5.982	-	-	-	-	-	-	-	-	-
Ground Data Terminal (GDT)		1,229.071	14	17.207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Portable Ground Data Terminal (PGDT)		379.250	4	1.517	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Automatic Take-Off & Landing Sys (ATLS)		831.955	22	18.303	1,576.500	4	6.306	1,609.286	7	11.265	-	-	-	-	-	-	-	-	-
Satellite Ground Data Terminal (SGDT)		1,729.087	23	39.769	2,545.250	4	10.181	2,598.000	5	12.990	-	-	-	-	-	-	-	-	-
Ground Support Equipment Kits (GSE)		3,079.667	12	36.956	2,806.500	4	11.226	-	-	5.730	-	-	-	-	-	-	-	-	-
Engineering Change Order		-	-	132.962	-	-	37.877	-	-	55.196	-	-	-	-	-	-	-	-	-
Non-Recurring Production		-	-	12.146	-	-	5.269	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: A00005 / MQ-1 UAV	Item Number / Title [DODIC]: A00005 / MQ-1 UAV

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Initial Spares		6,879.067	15	103.186	-	-	36.375	-	-	16.606	-	-	-	-	-	-	-	-	-
Other Hardware		-	-	24.047	-	-	35.452	-	-	20.546	-	-	12.160	-	-	-	-	-	12.160
GA Prog Mgmt/ Integration/MMF		-	-	187.187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retrofit for Platoon Configuration		-	-	104.256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SATCOM Airborne Data Terminal(SADT)		431.953	85	36.716	719.867	15	10.798	734.800	15	11.022	748.789	19	14.227	-	-	-	748.789	19	14.227
Government Furnished Equipment (GFE)		-	-	25.233	-	-	1.781	-	-	22.992	-	-	6.202	-	-	-	-	-	6.202
Program Management		-	-	18.580	-	-	23.651	-	-	21.080	-	-	17.401	-	-	-	-	-	17.401
Other Support		-	-	-	-	-	0.254	-	-	0.185	-	-	-	-	-	-	-	-	-
Transportation		-	-	-	-	-	0.230	-	-	0.140	-	-	-	-	-	-	-	-	-
Software		-	-	-	-	-	0.118	-	-	5.443	-	-	10.214	-	-	-	-	-	10.214
Training Devices		-	-	91.287	-	-	6.026	-	-	19.935	-	-	-	-	-	-	-	-	-
NET Training		-	-	1.846	-	-	19.617	-	-	19.486	-	-	27.191	-	-	-	-	-	27.191
Ground Base Sense and Avoid (GBSAA)		-	-	10.779	-	-	37.681	-	-	14.181	-	-	2.381	-	-	-	-	-	2.381
Subtotal: Recurring Cost		-	-	*1,446.299*	-	-	*376.857*	-	-	*437.143*	-	-	*190.581*	-	-	-	-	-	*190.581*
Subtotal: Flyaway Cost		-	-	*1,446.299*	-	-	*376.857*	-	-	*437.143*	-	-	*190.581*	-	-	-	-	-	*190.581*
Gross/Weapon System Cost		**17,217.845**	**84**	**1,446.299**	**25,123.800**	**15**	**376.857**	**29,142.867**	**15**	**437.143**	**10,030.579**	**19**	**190.581**	**-**	**-**	**-**	**10,030.579**	**19**	**190.581**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	15	15	19	-	19
	Total Obligation Authority	376.857	437.143	190.581	-	190.581
Total: Secondary Distribution	**Quantity**	**15**	**15**	**19**	**-**	**19**
	Total Obligation Authority	**376.857**	**437.143**	**190.581**	**-**	**190.581**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: A00005 / MQ-1 UAV	Item Number / Title [DODIC]: A00005 / MQ-1 UAV

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Aircraft(†)		2011	GENERAL ATOMICS / ASI / SAN DIEGO	SS / FPIF	AMCOM	Apr 2011	Jan 2013	29	4,046.000	Y		
Aircraft(†)		2012	GENERAL ATOMICS / ASI / SAN DIEGO	SS / FPIF	AMCOM	Jul 2012	Apr 2014	29	4,206.000	Y		
Aircraft(†)		2013	GENERAL ATOMICS / ASI / SAN DIEGO	SS / FFP	AMCOM	Sep 2013	May 2015	15	5,130.733	Y		
Aircraft(†)		2014	GENERAL ATOMICS / ASI / SAN DIEGO	SS / FFP	AMCOM	Jun 2014	Jun 2016	15	5,222.000	Y		
Aircraft(†)		2015	GENERAL ATOMICS / ASI / SAN DIEGO	SS / FFP	AMCOM	Jun 2015	Jun 2017	19	5,305.526	Y		

(†) indicates the presence of a P-21

Remarks:
FY2012 deliveries are based upon actual contract.

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A00005 / MQ-1 UAV	**Item Number / Title [DODIC]:** A00005 / MQ-1 UAV

Cost Elements (Units in Each)							Fiscal Year 2011												Fiscal Year 2012												
										Calendar Year 2011												Calendar Year 2012									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Aircraft																															
Prior Years Deliveries: 26																															
	1	2011	ARMY	29	-	29							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
	1	2012	ARMY	29	-	29																						-	-	-	29
	1	2013	ARMY (I)	15	-	15																									15
	1	2014	ARMY (II)	15	-	15																									15
	1	2015	ARMY (III)	19	-	19																									19
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army | **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10 | **P-1 Line Item Number / Title:** A00005 / MQ-1 UAV | **Item Number / Title [DODIC]:** A00005 / MQ-1 UAV

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
							Calendar Year 2013												Calendar Year 2014												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Aircraft																															
Prior Years Deliveries: 26																															
	1	2011	ARMY	29	-	29	-	-	-	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2							-
	1	2012	ARMY	29	-	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	3	2	16
	1	2013	ARMY (I)	15	-	15												-	-	-	-	-	-	-	-	-	-	-	-	-	15
	1	2014	ARMY (II)	15	-	15																					-	-	-	-	15
	1	2015	ARMY (III)	19	-	19																									19
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A00005 / MQ-1 UAV	**Item Number / Title [DODIC]:** A00005 / MQ-1 UAV

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
										Calendar Year 2015												Calendar Year 2016									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Aircraft																															
Prior Years Deliveries: 26																															
	1	2011	ARMY	29	29	-																									-
	1	2012	ARMY	29	13	16	3	2	2	2	2	3	2																		-
	1	2013	ARMY (I)	15	-	15	-	-	-	-	-	-	-	2	2	1	1	1	1	1	1	1	1	1	1	1					-
	1	2014	ARMY (II)	15	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	11
	1	2015	ARMY (III)	19	-	19									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A00005 / MQ-1 UAV	**Item Number / Title [DODIC]:** A00005 / MQ-1 UAV

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018												
							Calendar Year 2017												Calendar Year 2018												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Aircraft																															
Prior Years Deliveries: 26																															
	1	2011	ARMY	29	29	-																									-
	1	2012	ARMY	29	29	-																									-
	1	2013	ARMY (I)	15	15	-																									-
	1	2014	ARMY (II)	15	4	11	1	1	1	1	1	2	2	2																	-
	1	2015	ARMY (III)	19	-	19	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	1							-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	P-1 Line Item Number / Title: A00005 / MQ-1 UAV	Item Number / Title [DODIC]: A00005 / MQ-1 UAV

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	GENERAL ATOMICS / ASI - SAN DIEGO	12.00	24.00	60.00	8	7	23	30	8	8	24	32

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).

Service/Agency Suffixes:

(I) BASE

(II) BASE

(III) BASE

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A00010 / RQ-11 (RAVEN)
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0305204A, 0305232A

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)*	40.486	25.764	10.372	3.964	-	3.964	-	-	-	0.015	-	80.601
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	40.486	25.764	10.372	3.964	-	3.964	-	-	-	0.015	-	80.601
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**40.486**	**25.764**	**10.372**	**3.964**	**-**	**3.964**	**-**	**-**	**-**	**0.015**	**-**	**80.601**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

Description: The Small Unmanned Aircraft System (SUAS) provides the battalion and below ground maneuver elements with an organic, on-demand, asset to develop situational awareness, enhance force protection, and secure routes, points, and areas. The system provides the small unit commander an organic and responsive tactical Reconnaissance, Surveillance, and Target Acquisition capability through the ability to view real-time Full Motion Video and sensor data via the system ground control stations. Other compatible receivers, such as the One System Remote Video Terminal and appropriately equipped manned platforms, may also receive the SUAS products. The Rucksack Portable Capability Production Document (CPD), for the SUAS Family of Systems was approved on 23 November 13. The SUAS includes a combination of three separate hand-launched mission specific configurable aircraft that do not require an improved launch/recovery location: the Short Range Micro (SRM), the Medium Range Mobile (MRM), and the Long Range Reconnaissance and Surveillance (LRRS). The MRM and LRRS employ a gimbaled payload that combines daytime color and infrared sensors with a laser illuminator. The SRM is a future acquisition item weighing under 1-pound and providing up to 30 minutes endurance for a range of up to 3 KM. The mixture of the three variants within a specific unit is determined by the typical mission and required capabilities of the unit. The ground control equipment includes a hand controller interoperable with each of the system's aircraft. This equipment is fully transportable in or on rucksack type packs that are organic to the unit. The total number of Raven Gimbal Payloads Retrofits required and approved by the CPD is 3,604.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	25.764	10.372	3.964	-	3.964	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**25.764**	**10.372**	**3.964**	**-**	**3.964**	**-**	**-**	**-**	**-**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 10: Fixed Wing	**P-1 Line Item Number / Title:** A00010 / RQ-11 (RAVEN)
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0305204A, 0305232A

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A00010 / RQ-11 (RAVEN)	P-5		-	-	40.486	-	-	25.764	-	-	10.372	-	-	3.964	-	-	-	-	-	3.964
Total Gross/Weapon System Cost			**-**	**-**	**40.486**	**-**	**-**	**25.764**	**-**	**-**	**10.372**	**-**	**-**	**3.964**	**-**	**-**	**-**	**-**	**-**	**3.964**

*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:

Justification: FY2015 Base funding of $3.964 million will procure 60 Gimbaled Payload Retrofits to previously procured Raven Aircaft, Program Management, Engineering, Logistics and New Equipment Training (NET).

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 10	**P-1 Line Item Number / Title:** A00010 / RQ-11 (RAVEN)	**Item Number / Title [DODIC]:** A00010 / RQ-11 (RAVEN)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	40.486	25.764	10.372	3.964	-	3.964
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	40.486	25.764	10.372	3.964	-	3.964
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**40.486**	**25.764**	**10.372**	**3.964**	**-**	**3.964**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																			
Recurring Cost																			
Gimbal Payload Retrofit		-	-	-	17.871	1,422	25.413	18.246	350	6.386	18.600	60	1.116	-	-	-	18.600	60	1.116
Operator Training		-	-	15.766	-	-	0.351	-	-	0.500	-	-	0.250	-	-	-	-	-	0.250
Program Management		-	-	10.304	-	-	-	-	-	1.082	-	-	0.601	-	-	-	-	-	0.601
Technical		-	-	7.354	-	-	-	-	-	1.299	-	-	0.893	-	-	-	-	-	0.893
Logistics		-	-	7.062	-	-	-	-	-	1.105	-	-	1.104	-	-	-	-	-	1.104
Subtotal: Recurring Cost		-	-	*40.486*	-	-	*25.764*	-	-	*10.372*	-	-	*3.964*	-	-	-	-	-	*3.964*
Subtotal: Flyaway Cost		-	-	*40.486*	-	-	*25.764*	-	-	*10.372*	-	-	*3.964*	-	-	-	-	-	*3.964*
Gross/Weapon System Cost		**-**	**-**	**40.486**	**-**	**-**	**25.764**	**-**	**-**	**10.372**	**-**	**-**	**3.964**	**-**	**-**	**-**	**-**	**-**	**3.964**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	25.764	10.372	3.964	-	3.964
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**25.764**	**10.372**	**3.964**	**-**	**3.964**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05001 / Helicopter, Light Utility (LUH)

ID Code (A=Service Ready, B=Not Service Ready) :	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)*	270	35	20	55	-	55	45	-	-	-	-	425
Gross/Weapon System Cost *($ in Millions)*	1,623.429	255.620	171.227	416.617	-	416.617	387.621	-	-	-	-	2,854.514
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,623.429	255.620	171.227	416.617	-	416.617	387.621	-	-	-	-	2,854.514
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,623.429**	**255.620**	**171.227**	**416.617**	**-**	**416.617**	**387.621**	**-**	**-**	**-**	**-**	**2,854.514**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	6,012.700	7,303.429	8,561.350	7,574.855	-	7,574.855	8,613.800	-	-	-	-	6,716.504

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

Description:

The UH-72A platform will provide the flexibility to respond to Homeland Security (HLS) requirements, conduct civil search and rescue operations, support damage assessment, support test and training centers, perform generating force missions, augment the HH-60 Medical Evacuation (MEDEVAC) aircraft, and provide support to CONUS counterdrug operations. The UH-72A will conduct general support utility helicopter missions and execute tasks as part of an integrated effort with other joint services, government agencies, and non-governmental organizations. The UH-72A provides time-sensitive transport of supplies or key personnel, air mobility to assist civil authorities through the execution of search and rescue or disaster relief operations, advanced warning/detection of external threats to include threats to our borders, augmentation of air ambulance capabilities, and limited command and control operations in the conduct of HLS. As part of the Aviation Restructure Initiative (ARI) the UH-72A will become the primary training aircraft at the US Army Aviation Center of Excellence in Ft. Rucker. The LUH program is currently in full rate production.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	10	55	-	55	45	-	-	-
	Total Obligation Authority	-	96.227	416.617	-	416.617	387.621	-	-	-
ANG	Quantity	35	10	-	-	-	-	-	-	-
	Total Obligation Authority	255.620	75.000	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**35**	**20**	**55**	**-**	**55**	**45**	**-**	**-**	**-**
	Total Obligation Authority	**255.620**	**171.227**	**416.617**	**-**	**416.617**	**387.621**	**-**	**-**	**-**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05001 / Helicopter, Light Utility (LUH)
ID Code (A=Service Ready, B=Not Service Ready) :	**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A05001 / Helicopter, Light Utility (LUH)	P-5, P-5a, P-21		6,012.700	270	1,623.429	7,303.429	35	255.620	8,561.350	20	171.227	7,574.855	55	416.617	-	-	-	7,574.855	55	416.617
Total Gross/Weapon System Cost			**6,012.700**	**270**	**1,623.429**	**7,303.429**	**35**	**255.620**	**8,561.350**	**20**	**171.227**	**7,574.855**	**55**	**416.617**	**-**	**-**	**-**	**7,574.855**	**55**	**416.617**

*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 Base procurement dollars in the amount of $416.617 million support aircraft procurement, fielding, engineering services, training, program office support, and production/retrofit modifications for UH-72A aircraft.

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.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05001 / Helicopter, Light Utility (LUH)	**Item Number / Title [DODIC]:** A05001 / Helicopter, Light Utility (LUH)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	270	35	20	55	-	55
Gross/Weapon System Cost *($ in Millions)*	1,623.429	255.620	171.227	416.617	-	416.617
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,623.429	255.620	171.227	416.617	-	416.617
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,623.429**	**255.620**	**171.227**	**416.617**	**-**	**416.617**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	6,012.700	7,303.429	8,561.350	7,574.855	-	7,574.855

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Airframes/Includes non-recurring(†)		5,095.000	270	1,375.650	5,090.000	35	178.150	5,482.000	20	109.640	5,500.000	55	302.500	-	-	-	5,500.000	55	302.500
B Kits (MEDEVAC & Hoist)		200.000	78	15.600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Changes		-	-	99.151	-	-	57.645	-	-	38.286	-	-	102.649	-	-	-	-	-	102.649
System Engineering & Program Management		-	-	45.283	-	-	6.994	-	-	10.700	-	-	10.918	-	-	-	-	-	10.918
Systems Test & Evaluation		-	-	2.054	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Services		-	-	12.773	-	-	1.148	-	-	2.647	-	-	-	-	-	-	-	-	-
Procedural Trainers		2,989.000	2	5.978	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding		-	-	66.916	-	-	11.683	-	-	9.954	-	-	0.550	-	-	-	-	-	0.550
Other program Requirements		-	-	0.024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	*1,623.429*	-	-	*255.620*	-	-	*171.227*	-	-	*416.617*	-	-	-	-	-	*416.617*
Subtotal: Flyaway Cost		-	-	*1,623.429*	-	-	*255.620*	-	-	*171.227*	-	-	*416.617*	-	-	-	-	-	*416.617*
Gross/Weapon System Cost		**6,012.700**	**270**	**1,623.429**	**7,303.429**	**35**	**255.620**	**8,561.350**	**20**	**171.227**	**7,574.855**	**55**	**416.617**	**-**	**-**	**-**	**7,574.855**	**55**	**416.617**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	10	55	-	55

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05001 / Helicopter, Light Utility (LUH)	**Item Number / Title [DODIC]:** A05001 / Helicopter, Light Utility (LUH)

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
	Total Obligation Authority	-	96.227	416.617	-	416.617
ANG	Quantity	35	10	-	-	-
	Total Obligation Authority	255.620	75.000	-	-	-
Total: Secondary Distribution	**Quantity**	**35**	**20**	**55**	**-**	**55**
	Total Obligation Authority	**255.620**	**171.227**	**416.617**	**-**	**416.617**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: A05001 / Helicopter, Light Utility (LUH)	Item Number / Title [DODIC]: A05001 / Helicopter, Light Utility (LUH)

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframes/Includes non-recurring(†)		2012	EADS-NA / Columbus, MS	C / FFP	EADS-NA Columbus, MS	Dec 2011	Sep 2012	39	5,375.000			
Airframes/Includes non-recurring(†)		2013	EADS-NA / Columbus, MS	C / FFP	EADS-NA Columbus, MS	Dec 2012	Sep 2013	35	5,090.000			
Airframes/Includes non-recurring(†)		2014	EADS-NA / Columbus, MS	C / FFP	EADS-NA Columbus, MS	Dec 2013	Sep 2014	20	5,482.000			
Airframes/Includes non-recurring(†)		2015	EADS-NA / Columbus, MS	C / FFP	EADS-NA Columbus, MS	Dec 2014	Jan 2016	55	5,500.000			

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05001 / Helicopter, Light Utility (LUH)	**Item Number / Title [DODIC]:** A05001 / Helicopter, Light Utility (LUH)

Cost Elements (Units in Each)							Fiscal Year 2012												Fiscal Year 2013												
										Calendar Year 2012												Calendar Year 2013									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Airframes/Includes non-recurring																															
Prior Years Deliveries: 231																															
	1	2012	ARMY (IV)	39	-	39			-	-	-	-	-	-	-	-	-	4	2	3	3	3	3	3	4	3	4	3	3	-	1
	1	2013	ARMY (V)	35	-	35															-	-	-	-	-	-	-	-	-	3	32
	1	2014	ARMY (VI)	20	-	20																									20
	1	2015	ARMY (VII)	55	-	55																									55
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05001 / Helicopter, Light Utility (LUH)	**Item Number / Title [DODIC]:** A05001 / Helicopter, Light Utility (LUH)

Cost Elements (Units in Each)							Fiscal Year 2014												Fiscal Year 2015												
										Calendar Year 2014												Calendar Year 2015									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Airframes/Includes non-recurring																															
Prior Years Deliveries: 231																															
	1	2012	ARMY (IV)	39	38	1	-	1																							-
	1	2013	ARMY (V)	35	3	32	3	3	3	3	2	3	3	3	3	3	2	-	-	-	1										-
	1	2014	ARMY (VI)	20	-	20			-	-	-	-	-	-	-	-	-	3	2	3	3	1	1	2	2	2	1				-
	1	2015	ARMY (VII)	55	-	55															-	-	-	-	-	-	-	-	-	-	55
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05001 / Helicopter, Light Utility (LUH)	**Item Number / Title [DODIC]:** A05001 / Helicopter, Light Utility (LUH)

Cost Elements (Units in Each)							Fiscal Year 2016												Fiscal Year 2017												
										Calendar Year 2016												Calendar Year 2017									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Airframes/Includes non-recurring																															
Prior Years Deliveries: 231																															
	1	2012	ARMY (IV)	39	39	-																									-
	1	2013	ARMY (V)	35	35	-																									-
	1	2014	ARMY (VI)	20	20	-																									-
	1	2015	ARMY (VII)	55	-	55	-	-	-	3	3	4	5	5	5	5	5	5	5	5	5										-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05001 / Helicopter, Light Utility (LUH)	**Item Number / Title [DODIC]:** A05001 / Helicopter, Light Utility (LUH)

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	EADS-NA - Columbus, MS	20.00	30.00	60.00	-	9	5	14	-	2	9	11

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).

Service/Agency Suffixes:
(IV) 39
(V) 35
(VI) 20
(VII) 55

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	51	32	42	25	-	25	40	69	72	53	Continuing	Continuing
Gross/Weapon System Cost *($ in Millions)*	914.397	678.644	716.176	644.940	-	644.940	1,200.460	1,274.016	1,368.322	1,262.503	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	192.764	107.707	150.931	-	150.931	157.338	159.993	158.814	160.532	Continuing	Continuing
Net Procurement (P1) *($ in Millions)*	914.397	485.880	608.469	494.009	-	494.009	1,043.122	1,114.023	1,209.508	1,101.971	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	461.819	107.707	150.931	157.338	-	157.338	159.993	158.814	160.532	192.467	Continuing	Continuing
Total Obligation Authority *($ in Millions)*	**1,376.216**	**593.587**	**759.400**	**651.347**	**-**	**651.347**	**1,203.115**	**1,272.837**	**1,370.040**	**1,294.438**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	17,929.353	21,207.625	17,051.810	25,797.600	-	25,797.600	30,011.500	18,464.000	19,004.473	23,820.812	Continuing	Continuing

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

Description:

AH-64E Apache Reman is an aircraft remanufacture program that refurbishes aging Longbow Apaches to extend their service life and upgrades the aircraft with updated technologies and performance enhancements to keep the Apache viable throughout its lifecycle. AH-64E Apache addresses obsolescence and reliability challenges as well as adds significant combat capability to the aircraft. Upgrades include: Unmanned Aircraft System (UAS) Level III-IV Control, Improved Situational Awareness, Upgraded Communications Suite, Improved Drive and Propulsion Systems, Improved Targeting Capability, Increased Computer Processing Capability and Speed, Improved Navigation Systems, and Improved Diagnostics and Maintainability. Upgrades are integrated as incremental block modifications. The program addresses operational shortfalls identified during real-world combat missions and meets Longbow Apache Capability Production Document (CPD) requirements for modernization. AH-64E aircraft entered the fleet in 2012.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	32	42	25	-	25	40	69	72	53
	Total Obligation Authority	593.587	759.400	651.347	-	651.347	1,203.115	1,272.837	1,370.040	1,101.971
Total: Secondary Distribution	**Quantity**	**32**	**42**	**25**	**-**	**25**	**40**	**69**	**72**	**53**
	Total Obligation Authority	**593.587**	**759.400**	**651.347**	**-**	**651.347**	**1,203.115**	**1,272.837**	**1,370.040**	**1,101.971**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A05111 / AH-64 Apache Block IIIA Reman	P-5, P-5a, P-21		17,929.353	51	914.397	21,207.625	32	678.644	17,051.810	42	716.176	25,797.600	25	644.940	-	-	-	25,797.600	25	644.940

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman
ID Code (A=Service Ready, B=Not Service Ready) :	**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Total Gross/Weapon System Cost			17,929.353	51	914.397	21,207.625	32	678.644	17,051.810	42	716.176	25,797.600	25	644.940	-	-	-	25,797.600	25	644.940

*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 Base procurement dollars supports Advance Procurement (AP), Full Rate Production (FRP) of AH-64E Apache Reman aircraft and associated support.

Post Nunn McCurdy re-certification (June 2010), this program was restructured from the single AH-64E Apache (A05111) into two separate programs, AH-64E Apache Reman (A05111) and AH-64E Apache New Build (A05133).

Funding goes to the Active component

The current AH-64E Apache Remanufacture Acquisition Program Baseline procurement objective is 634 aircraft.

The Apache Reman Program assumes savings associated with a Multi-Year contract starting in FY 2017, to continue through FY 2021.

The Apache Reman Program assumes continued production of aircraft through FY 2025.

The Apache Reman Program assumes a cost sharing with the New Build Program in accordance with the New Build APB.

Added FY19 AP funds.

The FY16 AP does not support a Multi-Year contract; however, the Army will adjust FY16 AP in future budget submissions. The quantities of remanufacture aircraft the Apache PMO approves are FY13, 37; FY14, 35; (based upon 16 Feb 2014 contract negotiation); and FY17, 74. The corresponding AP for all years would need to be adjusted in future budget submissions.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman	**Item Number / Title [DODIC]:** A05111 / AH-64 Apache Block IIIA Reman

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	51	32	42	25	-	25
Gross/Weapon System Cost *($ in Millions)*	914.397	678.644	716.176	644.940	-	644.940
Less PY Advance Procurement *($ in Millions)*	-	192.764	107.707	150.931	-	150.931
Net Procurement (P1) *($ in Millions)*	914.397	485.880	608.469	494.009	-	494.009
Plus CY Advance Procurement *($ in Millions)*	461.819	107.707	150.931	157.338	-	157.338
Total Obligation Authority *($ in Millions)*	**1,376.216**	**593.587**	**759.400**	**651.347**	**-**	**651.347**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	17,929.353	21,207.625	17,051.810	25,797.600	-	25,797.600

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
CFE(†)		-	-	848.785	12,353.906	32	395.325	9,841.429	42	413.340	13,938.800	25	348.470	-	-	-	13,938.800	25	348.470
GFE		-	-	17.622	7,457.563	32	238.642	4,479.333	42	188.132	7,614.240	25	190.356	-	-	-	7,614.240	25	190.356
Non-Recurring Costs		-	-	-	-	-	9.020	-	-	9.210	-	-	9.382	-	-	-	-	-	9.382
Support Equipment		-	-	-	-	-	14.421	-	-	78.904	-	-	75.362	-	-	-	-	-	75.362
Other Costs		-	-	-	-	-	12.354	-	-	-	-	-	-	-	-	-	-	-	-
Initial Spares		-	-	47.990	-	-	8.882	-	-	26.590	-	-	21.370	-	-	-	-	-	21.370
Subtotal: Recurring Cost		-	-	*914.397*	-	-	*678.644*	-	-	*716.176*	-	-	*644.940*	-	-	-	-	-	*644.940*
Subtotal: Flyaway Cost		-	-	*914.397*	-	-	*678.644*	-	-	*716.176*	-	-	*644.940*	-	-	-	-	-	*644.940*
Gross/Weapon System Cost		**17,929.353**	**51**	**914.397**	**21,207.625**	**32**	**678.644**	**17,051.810**	**42**	**716.176**	**25,797.600**	**25**	**644.940**	**-**	**-**	**-**	**25,797.600**	**25**	**644.940**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	32	42	25	-	25
	Total Obligation Authority	593.587	759.400	651.347	-	651.347
Total: Secondary Distribution	**Quantity**	**32**	**42**	**25**	**-**	**25**
	Total Obligation Authority	**678.644**	**716.176**	**644.940**	**-**	**644.940**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: A05111 / AH-64 Apache Block IIIA Reman	Item Number / Title [DODIC]: A05111 / AH-64 Apache Block IIIA Reman

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
CFE(†)		2013	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Apr 2013	Mar 2014	32	12,353.906	N		Jul 2012
CFE(†)		2014	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Jan 2014	Feb 2015	42	9,841.429	N		Jul 2012
CFE(†)		2015	The Boeing Company / Mesa, AZ	SS / FFP	AMCOM	Dec 2014	Jan 2016	25	13,938.800	N		Jul 2013
Advance Procurement												
Apache Block III - Reman		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Jan 2015	108,000	1.002			
Apache Block III - Reman		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2016	151,000	1.002			
Apache Block III - Reman		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2016	Jan 2016	157,000	1.002			

(†) indicates the presence of a P-21

Remarks:
Major Contractor Furnished Equipment(CFE)cost drivers include the Fuselage, Transmission, and Composite Main Rotor Blades. Government Furnished Equipment(GFE)includes engines, Embedded GPS Inertia (EGIs), Radar Electronics Unit (REUs), MTADS/PNVS and Unmanned Aerial Vehicle Tactical Common Data Link Assembly (UTAs). Other Cost includes Support Equipment, Peculiar Ground Support (PGSE), and Government In-House.

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman	**Item Number / Title [DODIC]:** A05111 / AH-64 Apache Block IIIA Reman

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
							Calendar Year 2013												Calendar Year 2014												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
CFE																															
	1	2013	ARMY (VIII)	32	-	32							-	-	-	-	-	-	-	-	-	-	-	6	4	4	4	4	4	2	4
	1	2014	ARMY (IX)	42	-	42																-	-	-	-	-	-	-	-	-	42
	1	2015	ARMY (X)	25	-	25																									25
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman	**Item Number / Title [DODIC]:** A05111 / AH-64 Apache Block IIIA Reman

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016											
							Calendar Year 2015												Calendar Year 2016											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
CFE																														
	1	2013	ARMY (VIII)	32	28	4	2	1	1																					-
	1	2014	ARMY (IX)	42	-	42	-	-	-	-	4	4	4	4	4	4	4	4	4	3	3									-
	1	2015	ARMY (X)	25	-	25			-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	1		-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman	**Item Number / Title [DODIC]:** A05111 / AH-64 Apache Block IIIA Reman

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	The Boeing Company - Mesa, AZ	48.00	84.00	144.00	-	11	13	24	-	6	12	18

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).

Service/Agency Suffixes:
(VIII) BASE
(IX) BASE
(X) BASE

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman

ID Code (A=Service Ready, B=Not Service Ready) : **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
Gross/Weapon System Cost *($ in Millions)*	461.819	107.707	150.931	157.338	-	157.338	159.993	158.814	160.532	192.467	Continuing	Continuing
Net Procurement (P1) *($ in Millions)*	461.819	107.707	150.931	157.338	-	157.338	159.993	158.814	160.532	192.467	Continuing	Continuing
Total Obligation Authority *($ in Millions)*	**461.819**	**107.707**	**150.931**	**157.338**	**-**	**157.338**	**159.993**	**158.814**	**160.532**	**192.467**	**Continuing**	**Continuing**

Description:

AH-64E Apache Reman is an aircraft remanufacture program that refurbishes aging Longbow Apaches to extend their service life and upgrades the aircraft with updated technologies and performance enhancements to keep the Apache viable throughout its lifecycle. AH-64E Apache Reman addresses obsolescence and reliability challenges as well as adds significant combat capability to the aircraft. Upgrades include: Unmanned Aircraft System (UAS) Level III-IV Control, Improved Situational Awareness, Upgraded Communications Suite, Improved Drive and Propulsion Systems, Improved Targeting Capability, Increased Computer Processing Capability and Speed, Improved Navigation Systems, and Improved Diagnostics and Maintainability. Upgrades are integrated as incremental block modifications. The program addresses operational shortfalls identified during real-world combat missions and meets Longbow Apache Capability Production Document (CPD) requirements for modernization. AH-64E Apache Reman aircraft enter the fleet in 2012.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A05111 / AH-64 Apache Block IIIA Reman	P-10				461.819			107.707			150.931			157.338			-			157.338
Total Gross/Weapon System Cost					**461.819**			**107.707**			**150.931**			**157.338**			**-**			**157.338**

*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:

FY 15 Base Advance Procurement (AP) dollars will procure AP items in support of the AH-64E Apache Reman program.

Post Nunn McCurdy re-certification (June 2010), this program was restructured from the single AH-64E Apache (A05111) into two separate programs, AH-64E Apache Reman (A05111) and AH-64 Apache New Build (A05133).

Funding goes to the Active Component.

The Apache Reman Program assumes savings associated with a Multi-Year contract starting in FY 2017, to continue through FY 2021.

The Apache Reman Program assumes continued production of aircraft through FY 2025.

The Apache Reman Program assumes a cost sharing with the New Build Program in accordance with the New Build APB.

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:**

Added FY19 AP funds.

The FY16 AP does not support a Multi-Year contract; however, the Army will adjust FY16 AP in future budget submissions. The quantities of remanufacture aircraft the Apache PMO approves are FY13, 37; FY14, 35; (based upon 16 Feb 2014 contract negotiation); and FY17, 74. The corresponding AP for all years would need to be adjusted in future budget submissions.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman	**P-5 Number / Title:** A05111 / AH-64 Apache Block IIIA Reman

ID Code (A=Service Ready, B=Not Service Ready) :

First System (2015) Award Date:	First System (2015) Completion Date:	Interval Between Systems:
July 2009	November 2011	1 Months

AH-64 Apache Block IIIA Reman	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2013 *(Each)*	FY 2014 *(Each)*	FY 2015 *(Each)*
Quantity		51	32	42	25

Cost Element	When Rqd *(Months)*	Prior Years *($ M)*	FY 2013 *($ M)*	FY 2014 *($ M)*	FY 2015 *($ M)*
Other					
Apache Block III - Reman (†)	12	926.684	107.707	150.931	157.338
Total: Other		*926.684*	*107.707*	*150.931*	*157.338*
Total Advance Procurement/Obligation Authority		**461.819**	**107.707**	**150.931**	**157.338**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05111 / AH-64 Apache Block IIIA Reman	**P-5 Number / Title:** A05111 / AH-64 Apache Block IIIA Reman

ID Code (A=Service Ready, B=Not Service Ready) :

Cost Elements	QPA (Each)	FY 2015					Total Cost Request ($ M)
		Production Leadtime (Months)	Unit Cost ($ K)	Contract Forecast Date	2015 Qty (Each)	For FY	
Other							
Apache Block III - Reman (†)	-	-	1.002	Jan 2016	157,000		157.338
Total: Other							*157.338*
Total Advance Procurement/Obligation Authority							**157.338**

Description:
N/A

(†) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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

Appropriation / Budget Activity / Budget Sub Activity:
2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary

P-1 Line Item Number / Title:
A05133 / AH-64 Apache Block IIIB New Build

ID Code (A=Service Ready, B=Not Service Ready) : | **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)*	-	12	4	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost *($ in Millions)*	84.264	263.586	142.000	-	-	-	-	-	-	75.000	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	84.264	-	-	-	-	-	-	-	-	Continuing	Continuing
Net Procurement (P1) *($ in Millions)*	84.264	179.322	142.000	-	-	-	-	-	-	75.000	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	146.121	-	-	-	-	-	-	-	-	Continuing	Continuing
Total Obligation Authority *($ in Millions)*	**84.264**	**325.443**	**142.000**	**-**	**-**	**-**	**-**	**-**	**-**	**75.000**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	21,965.500	35,500.000	-	-	-	-	-	-	-	Continuing	Continuing

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

Description:

AH-64E Apache New Build is based on the AH-64E Reman program which is an aircraft remanufacture program that refurbishes aging Longbow Apaches to extend their service life and upgrades the aircraft with updated technologies and performance enhancements to keep the Apache viable throughout its lifecycle. While the AH-64E Remanufacture program inducts aging AH-64D aircraft into a remanufacture production line, the AH-64E New Build program assembles all new components resulting in completely new aircraft at the end of the production process. New aircraft fill shortages in the Apache fleet due to combat losses.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A05133 / AH-64 Apache Block IIIB New Build	P-5, P-5a, P-21		-	-	84.264	21,965.500	12	263.586	35,500.000	4	142.000	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			**-**	**-**	**84.264**	**21,965.500**	**12**	**263.586**	**35,500.000**	**4**	**142.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

*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:
The current AH-64E New Build Acquisition Program Baseline (APB) procurement objective is 56 aircraft and does not include OCO aircraft. The Base aircraft procured in FY13 will support an increase in the training base capacity. The Congress added two (2) additional AH-64E New Build aircraft to base FY13 procurement. A new build MTADS/PNVS system will be procured and provided with each WRA. Other associated Government Furnished Equipment (Fire Control Radar (FCR), Modernized Radar Frequency Inter-Ferometer (M-RFI),Radar Electronics Unit (REU), and Unmanned Aerial Vehicle Tactical Common

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05133 / AH-64 Apache Block IIIB New Build	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:**

Data Link Assembly (UTA) will be procured and provided in accordance with the basis of issue plan. The remaining 48 aircraft will fill shortages due to the establishment of a new heavy Active Combat Aviation Brigade (CAB) in CY 2014. The Army has moved the New Build Aircraft and associated Advanced Procurement outside the FYDP.

FY 14 OCO procurement dollars will procure War Replacement Aircraft (WRA). The WRA replace Block II combat losses but since the Block II production has ended, then the WRA are built as AH64E New Build aircraft. The WRA are not included in the 56 New Build aircraft for the additional CAB and the training base increase. A new build MTADS/PNVS system will be procured and provided with each WRA. Other associated Government Furnished Equipment (FCR, M-RFI, REU, and UTA) will be procured and provided in accordance with the basis of issue plan.

Post Nunn McCurdy re-certification (June 2010). This program was restructured from the single AH-64 Block III (A05111) into two separate programs, AH-64 Apache Block IIIA Reman (A05111) and AH-64 Apache Block IIIB New Build (A05133).

The quantities of Apache New Build base aircraft for are FY13 are 10 based
upon the 16 Feb contract negotiation.

FY15 No funds requested.

Added FY19 Advanced Procurement funds.

All COMPO 1 Active

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05133 / AH-64 Apache Block IIIB New Build	**Item Number / Title [DODIC]:** A05133 / AH-64 Apache Block IIIB New Build

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	12	4	-	-	-
Gross/Weapon System Cost *($ in Millions)*	84.264	263.586	142.000	-	-	-
Less PY Advance Procurement *($ in Millions)*	-	84.264	-	-	-	-
Net Procurement (P1) *($ in Millions)*	84.264	179.322	142.000	-	-	-
Plus CY Advance Procurement *($ in Millions)*	-	146.121	-	-	-	-
Total Obligation Authority *($ in Millions)*	**84.264**	**325.443**	**142.000**	**-**	**-**	**-**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	21,965.500	35,500.000	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
CFE(†)		-	-	84.264	14,055.667	9	126.501	-	-	-	-	-	-	-	-	-	-	-	-
Support Equipment		-	-	-	-	-	21.881	-	-	-	-	-	-	-	-	-	-	-	-
Initial Spares		-	-	-	-	-	8.704	-	-	-	-	-	-	-	-	-	-	-	-
War Replacement Aircraft		-	-	-	35,500.000	3	106.500	35,500.000	4	142.000	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	*84.264*	-	-	*263.586*	-	-	*142.000*	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost		-	-	*84.264*	-	-	*263.586*	-	-	*142.000*	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		**-**	**-**	**84.264**	**21,965.500**	**12**	**263.586**	**35,500.000**	**4**	**142.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05133 / AH-64 Apache Block IIIB New Build	**Item Number / Title [DODIC]:** A05133 / AH-64 Apache Block IIIB New Build

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty *(Each)*	Unit Cost *($ K)*	Specs Avail Now?	Date Revision Available	RFP Issue Date
CFE(†)		2013	The Boeing Company / Mesa	SS / FFP	AMCOM	Dec 2013	Jan 2014	9	14,055.667	N		Jul 2012
CFE		2014	The Boeing Company / Mesa	SS / FPIF	AMCOM	Feb 2015	May 2016	-	-	N		Feb 2013
Advance Procurement												
AH-64E Apache New Build		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Jan 2015	146,121	-			

(†) indicates the presence of a P-21

Remarks:
Major Contractor Furnished Equipment (CFE) cost drivers include the Fuselage, Transmission, and Composite Main Rotor Blades. Government Furnished Equipment (GFE) includes engines, Embedded GPS Inertial (EGIs), Radar Electronics Unit (REUs), MTADS/PNVS and Unmanned Aerial Vehicle Tactical Common Data Link Assembly (UTAs). Other Cost includes Support Equipment, Peculiar Ground Support (PGSE), and Government In-House.

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05133 / AH-64 Apache Block IIIB New Build	**Item Number / Title [DODIC]:** A05133 / AH-64 Apache Block IIIB New Build

Cost Elements (Units in Each)							Fiscal Year 2014												Fiscal Year 2015												
										Calendar Year 2014												Calendar Year 2015									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
CFE																															
	1	2013	ARMY	9	-	9			-	2	2	2	2	1																	-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05133 / AH-64 Apache Block IIIB New Build	**Item Number / Title [DODIC]:** A05133 / AH-64 Apache Block IIIB New Build

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	The Boeing Company - Mesa	48.00	84.00	144.00	-	11	13	24	-	6	12	18

Remarks:
The reduction in the Economical Production Rate of 96 was a number carried forward from prior year submission. 7 aircraft per month (84) is the capacity at Full Rate Production assuming a 1-8-5 shift. This requirement is driven primarily by the production rate associated with current fuselage tooling capabilities. In order to increase the 1-8-5 (single shift) production rate, additional tooling must be procured. The Min 48 A/C per year is based upon Combined Remanufacture and New Build quantities.

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).

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05133 / AH-64 Apache Block IIIB New Build
ID Code (A=Service Ready, B=Not Service Ready) :	**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
Gross/Weapon System Cost *($ in Millions)*	-	146.121	-	-	-	-	-	-	-	-	Continuing	Continuing
Net Procurement (P1) *($ in Millions)*	-	146.121	-	-	-	-	-	-	-	-	Continuing	Continuing
Total Obligation Authority *($ in Millions)*	**-**	**146.121**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**Continuing**	**Continuing**

Description:

AH-64E Apache New Build is based on the AH-64E Reman program which is an aircraft remanufacture program that refurbishes aging Longbow Apaches to extend their service life and upgrades the aircraft with updated technologies and performance enhancements to keep the Apache viable throughout its lifecycle. While the AH-64E Remanufacture program inducts aging AH-64D aircraft into a remanufacture production line, the AH-64E New Build program assembles all new components resulting in completely new aircraft at the end of the production process. New aircraft fill shortages in the Apache fleet due to combat losses.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A05133 / AH-64 Apache Block IIIB New Build	P-10				-			146.121			-			-			-			-
Total Gross/Weapon System Cost					**-**			**146.121**			**-**			**-**			**-**			**-**

*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:

The current AH-64E New Build Acquisition Program Baseline (APB) procurement objective is 56 aircraft and does not include OCO aircraft. The Base aircraft procured in FY13 will support an increase in the training base capacity. There are not any FY14 Base Advance Procurement dollars. The remaining 48 aircraft will fill shortages due to the establishment of a new heavy Active Component Combat Aviation Brigade (CAB) in CY 2014. The Army has moved the New Build Aircraft and associated Advanced Procurement outside the FYDP.

Post Nunn McCurdy re-certification (June 2010), this program was restructured from the single AH-64 Block III (A05111) into two separate programs, AH-64 Apache Block IIIA Reman (A05111) and AH-64 Apache Block IIIB New Build (A05133).

Added FY19 Advanced Procurement funds.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05133 / AH-64 Apache Block IIIB New Build	**P-5 Number / Title:** A05133 / AH-64 Apache Block IIIB New Build

ID Code (A=Service Ready, B=Not Service Ready) :

First System (2015) Award Date:	First System (2015) Completion Date:	Interval Between Systems:
July 2009	November 2011	1 Months

AH-64 Apache Block IIIB New Build	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2013 *(Each)*	FY 2014 *(Each)*	FY 2015 *(Each)*
Quantity		-	12	4	-

Cost Element	When Rqd *(Months)*	Prior Years *($ M)*	FY 2013 *($ M)*	FY 2014 *($ M)*	FY 2015 *($ M)*
Other					
AH-64E Apache New Build (†)	12	84.264	146.121	-	-
Total: Other		*84.264*	*146.121*	-	-
Total Advance Procurement/Obligation Authority		**-**	**146.121**	**-**	**-**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05133 / AH-64 Apache Block IIIB New Build	**P-5 Number / Title:** A05133 / AH-64 Apache Block IIIB New Build

ID Code (A=Service Ready, B=Not Service Ready) :

Cost Elements	QPA (Each)	FY 2015					
		Production Leadtime (Months)	Unit Cost ($ K)	Contract Forecast Date	2015 Qty (Each)	For FY	Total Cost Request ($ M)
Other							
AH-64E Apache New Build (†)	-						-
Total: Other							-
Total Advance Procurement/Obligation Authority							**-**

Description:
N/A

(†) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A02345 / Kiowa Warrior WRA

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	9	9	9	-	-	-	-	-	-	-	-	27
Gross/Weapon System Cost *($ in Millions)*	112.800	110.351	117.000	-	-	-	-	-	-	-	-	340.151
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	112.800	110.351	117.000	-	-	-	-	-	-	-	-	340.151
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**112.800**	**110.351**	**117.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**340.151**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	12,533.333	12,261.222	13,000.000	-	-	-	-	-	-	-	-	12,598.185

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

Description:

The Kiowa Warrior is a two-seat, single-engine, observation, scout/attack helicopter with four main rotor blades. It utilizes a thermal-imaging system and a laser rangefinder/designator in a mast-mounted sight situated above the main rotor system. The aircraft is equipped with a variety of weapon systems including: HELLFIRE, 2.75-inch rockets, and a .50-caliber machine gun. The aircraft operates autonomously and teamed with other manned and unmanned aerial systems at standoff ranges providing armed reconnaissance, command and control, and target acquisition/designation for Apache helicopters and other airborne weapons platforms in day, night, and adverse weather conditions.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	9	9	-	-	-	-	-	-	-
	Total Obligation Authority	110.351	117.000	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**9**	**9**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**110.351**	**117.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A02345 / Kiowa Warrior WRA	P-5, P-5a, P-21		12,533.333	9	112.800	12,261.222	9	110.351	13,000.000	9	117.000	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			**12,533.333**	**9**	**112.800**	**12,261.222**	**9**	**110.351**	**13,000.000**	**9**	**117.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A02345 / Kiowa Warrior WRA	
ID Code (A=Service Ready, B=Not Service Ready) :	**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:
As a part of the Army's Aviation Restructure Initiative (ARI) funding was realigned from the Kiowa Warrior programs and placed into the MQ-1 Gray Eagle, AH-64 Apache, RQ-7 Shadow, and into OMA funded training and sustainment necessary to execute ARI. The realigned Kiowa Warrior funding will support Apache, Gray Eagle and Shadow Manned-Unmanned Teaming (MUM-T) capability as an enhanced means of performing the scout mission under the ARI

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: A02345 / Kiowa Warrior WRA	Item Number / Title [DODIC]: A02345 / Kiowa Warrior WRA

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	9	9	9	-	-	-
Gross/Weapon System Cost *($ in Millions)*	112.800	110.351	117.000	-	-	-
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	112.800	110.351	117.000	-	-	-
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**112.800**	**110.351**	**117.000**	**-**	**-**	**-**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	12,533.333	12,261.222	13,000.000	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
BHTI - Cabins(†)		4,578.000	9	41.202	5,088.000	9	45.792	5,875.000	9	52.875	-	-	-	-	-	-	-	-	-
CCAD - Flight Test & Aircraft Acceptance		-	-	6.314	-	-	6.984	-	-	6.984	-	-	-	-	-	-	-	-	-
GFE / Hardware		-	-	61.121	-	-	47.349	-	-	49.242	-	-	-	-	-	-	-	-	-
Program Support		-	-	4.163	-	-	10.226	-	-	7.899	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	*112.800*	-	-	*110.351*	-	-	*117.000*	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost		-	-	*112.800*	-	-	*110.351*	-	-	*117.000*	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		**12,533.333**	**9**	**112.800**	**12,261.222**	**9**	**110.351**	**13,000.000**	**9**	**117.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	9	9	-	-	-
	Total Obligation Authority	110.351	117.000	-	-	-
Total: Secondary Distribution	**Quantity**	**9**	**9**	**-**	**-**	**-**
	Total Obligation Authority	**110.351**	**117.000**	**-**	**-**	**-**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: A02345 / Kiowa Warrior WRA	Item Number / Title [DODIC]: A02345 / Kiowa Warrior WRA

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
BHTI - Cabins(†)		2012	BELL HELICOPTER TEXTRON INC / FORT WORTH, TEXAS	C / FFP	AMCOM, Redstone Arsenal, AL	Aug 2012	Mar 2014	9	4,578.000			
BHTI - Cabins(†)		2013	Bell Helicopter Textron, Inc. / Fort Worth, Texas	C / FFP	AMCOM, Redstone Arsenal, AL	Aug 2013	Jul 2015	9	5,088.000			
BHTI - Cabins(†)		2014	Bell Helicopter Textron, Inc. / Fort Worth, Texas	C / FFP	AMCOM, Redstone Arsenal, AL	Aug 2014	Jul 2016	9	5,875.000			

(†) indicates the presence of a P-21

Remarks:
Bell Helicopter Textron Incorporated (BHTI) will produce cabins in Amarillo, Texas and deliver to Corpus Christi Army Depot (CCAD) in Corpus Christi, Texas. CCAD will mount all remaining structure, equipment, and modifications which have been applied to the current fleet. CCAD will then conduct ground/flight test and acceptance of the aircraft. Unit cost reflects BHTI cabins only.

In FY2013 and beyond, Wartime Replacement Aircraft (WRA) cabins provided by BHTI will be 100% new (zero time), prior years were modified OH-58A cabins.

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A02345 / Kiowa Warrior WRA	**Item Number / Title [DODIC]:** A02345 / Kiowa Warrior WRA

Cost Elements (Units in Each)							Fiscal Year 2012												Fiscal Year 2013												
							Calendar Year 2012												Calendar Year 2013												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
BHTI - Cabins																															
	1	2012	ARMY (XI)	9	-	9											-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
	2	2013	ARMY (XII)	9	-	9																							-	-	9
	2	2014	ARMY (XIII)	9	-	9																									9
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A02345 / Kiowa Warrior WRA	**Item Number / Title [DODIC]:** A02345 / Kiowa Warrior WRA

Cost Elements (Units in Each)							Fiscal Year 2014												Fiscal Year 2015												
							Calendar Year 2014												Calendar Year 2015												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
BHTI - Cabins																															
	1	2012	ARMY (XI)	9	-	9	-	-	-	-	-	1	-	1	1	1	-	1	1	1	1	1									-
	2	2013	ARMY (XII)	9	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	6
	2	2014	ARMY (XIII)	9	-	9											-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A02345 / Kiowa Warrior WRA	**Item Number / Title [DODIC]:** A02345 / Kiowa Warrior WRA

Cost Elements (Units in Each)							Fiscal Year 2016												Fiscal Year 2017												
							Calendar Year 2016												Calendar Year 2017												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
BHTI - Cabins																															
	1	2012	ARMY (XI)	9	9	-																									-
	2	2013	ARMY (XII)	9	3	6	-	-	1	1	-	1	1	1	1																-
	2	2014	ARMY (XIII)	9	-	9	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1								1
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A02345 / Kiowa Warrior WRA	**Item Number / Title [DODIC]:** A02345 / Kiowa Warrior WRA

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	BELL HELICOPTER TEXTRON INC - FORT WORTH, TEXAS	1.00	2.00	3.00	-	10	-	10	-	-	-	-
2	Bell Helicopter Textron, Inc. - Fort Worth, Texas	1.00	2.00	3.00	-	8	-	8	-	-	-	-

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).

Service/Agency Suffixes:
(XI) OCO
(XII) OCO
(XIII) OCO

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** AA0005 / UH-60 Blackhawk M Model (MYP)

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	509	100	70	79	-	79	71	70	104	86	Continuing	Continuing
Gross/Weapon System Cost *($ in Millions)*	8,902.897	1,660.388	1,227.035	1,356.546	-	1,356.546	1,297.948	1,391.866	1,541.520	1,485.914	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	734.689	197.892	108.059	119.545	-	119.545	137.385	135.761	-	-	Continuing	Continuing
Net Procurement (P1) *($ in Millions)*	8,168.208	1,462.496	1,118.976	1,237.001	-	1,237.001	1,160.563	1,256.105	1,541.520	1,485.914	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	918.453	114.961	116.001	132.138	-	132.138	135.761	251.669	-	-	Continuing	Continuing
Total Obligation Authority *($ in Millions)*	**9,086.661**	**1,577.457**	**1,234.977**	**1,369.139**	**-**	**1,369.139**	**1,296.324**	**1,507.774**	**1,541.520**	**1,485.914**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	17,490.957	16,603.880	17,529.071	17,171.468	-	17,171.468	18,280.958	19,883.800	14,822.308	17,278.070	Continuing	Continuing

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

Description:

The UH-60 BLACK HAWK is a twin engine, single rotor helicopter that is designed to support the Army's air mobility doctrine for employment of land forces in the 21st century. The BLACK HAWK is used in the performance of the Air Assault, General Support, and Aeromedical Evacuation missions. It is designed to carry a crew of four and 11 combat-equipped troops, or an external load up to 9,000 pounds. It performs the missions of transporting troops and equipment into combat, resupplying the troops while in combat, and performing the associated functions of aeromedical evacuation, repositioning of reserves, and command and control.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	70	38	48	-	48	54	51	69	63
	Total Obligation Authority	1,126.767	661.627	833.279	-	833.279	976.740	1,091.948	1,024.516	1,105.738
ANG	Quantity	30	32	25	-	25	17	19	35	23
	Total Obligation Authority	450.690	573.350	424.680	-	424.680	319.584	415.826	517.004	380.176
AR	Quantity	-	-	6	-	6	-	-	-	-
	Total Obligation Authority	-	-	111.180	-	111.180	-	-	-	-
Total: Secondary Distribution	**Quantity**	**100**	**70**	**79**	**-**	**79**	**71**	**70**	**104**	**86**
	Total Obligation Authority	**1,577.457**	**1,234.977**	**1,369.139**	**-**	**1,369.139**	**1,296.324**	**1,507.774**	**1,541.520**	**1,485.914**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** AA0005 / UH-60 Blackhawk M Model (MYP)
ID Code (A=Service Ready, B=Not Service Ready) :	**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A05002 / UH-60 BLACK HAWK (MYP)	P-5, P-5a, P-21		17,490.957	509	8,902.897	16,603.880	100	1,660.388	17,529.071	70	1,227.035	17,171.468	79	1,356.546	-	-	-	17,171.468	79	1,356.546
Total Gross/Weapon System Cost			**17,490.957**	**509**	**8,902.897**	**16,603.880**	**100**	**1,660.388**	**17,529.071**	**70**	**1,227.035**	**17,171.468**	**79**	**1,356.546**	**-**	**-**	**-**	**17,171.468**	**79**	**1,356.546**

*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:
FY 2015 Base funding in the amount of $1,369.139 million will procure 79 aircraft.

Note: By having a Multi-year contract versus 5 single year contracts yielded a 10.5% cost avoidance ($503.8M) FY12 through FY16.

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.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: AA0005 / UH-60 Blackhawk M Model (MYP)	Item Number / Title [DODIC]: A05002 / UH-60 BLACK HAWK (MYP)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	509	100	70	79	-	79
Gross/Weapon System Cost *($ in Millions)*	8,902.897	1,660.388	1,227.035	1,356.546	-	1,356.546
Less PY Advance Procurement *($ in Millions)*	734.689	197.892	108.059	119.545	-	119.545
Net Procurement (P1) *($ in Millions)*	8,168.208	1,462.496	1,118.976	1,237.001	-	1,237.001
Plus CY Advance Procurement *($ in Millions)*	918.453	114.961	116.001	132.138	-	132.138
Total Obligation Authority *($ in Millions)*	**9,086.661**	**1,577.457**	**1,234.977**	**1,369.139**	**-**	**1,369.139**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	17,490.957	16,603.880	17,529.071	17,171.468	-	17,171.468

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Airframes/CFE(†)		12,048.149	509	6,132.508	11,260.550	100	1,126.055	11,835.943	70	828.516	11,812.380	79	933.178	-	-	-	11,812.380	79	933.178
Engines/Accessories		671.114	1,018	683.194	708.670	200	141.734	728.029	140	101.924	740.063	158	116.930	-	-	-	740.063	158	116.930
Avionics (GFE)		-	-	313.147	-	-	76.915	-	-	41.959	-	-	59.151	-	-	-	-	-	59.151
Other GFE		-	-	216.498	-	-	30.764	-	-	21.646	-	-	24.436	-	-	-	-	-	24.436
ECO (All FLYAWAY Components)		-	-	185.924	-	-	41.755	-	-	33.286	-	-	37.725	-	-	-	-	-	37.725
Other Costs (Mission Equipment)		-	-	368.606	-	-	52.740	-	-	49.098	-	-	50.203	-	-	-	-	-	50.203
Tooling Equipment		-	-	96.702	-	-	2.069	-	-	0.009	-	-	1.085	-	-	-	-	-	1.085
Other Nonrecurring Cost		-	-	122.389	-	-	1.626	-	-	1.162	-	-	1.336	-	-	-	-	-	1.336
Peculiar Training Equipment		-	-	245.175	-	-	56.815	-	-	30.490	-	-	24.519	-	-	-	-	-	24.519
Publications/Tech Data		-	-	17.155	-	-	3.184	-	-	3.283	-	-	3.382	-	-	-	-	-	3.382
PM Administration		-	-	238.348	-	-	40.752	-	-	41.598	-	-	42.388	-	-	-	-	-	42.388
Fielding		-	-	283.251	-	-	85.979	-	-	74.064	-	-	62.213	-	-	-	-	-	62.213
Subtotal: Recurring Cost		-	-	*8,902.897*	-	-	*1,660.388*	-	-	*1,227.035*	-	-	*1,356.546*	-	-	-	-	-	*1,356.546*
Subtotal: Flyaway Cost		-	-	*8,902.897*	-	-	*1,660.388*	-	-	*1,227.035*	-	-	*1,356.546*	-	-	-	-	-	*1,356.546*
Gross/Weapon System Cost		**17,490.957**	**509**	**8,902.897**	**16,603.880**	**100**	**1,660.388**	**17,529.071**	**70**	**1,227.035**	**17,171.468**	**79**	**1,356.546**	**-**	**-**	**-**	**17,171.468**	**79**	**1,356.546**

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** AA0005 / UH-60 Blackhawk M Model (MYP)	**Item Number / Title [DODIC]:** A05002 / UH-60 BLACK HAWK (MYP)

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	70	38	48	-	48
	Total Obligation Authority	1,126.767	661.627	833.279	-	833.279
ANG	Quantity	30	32	25	-	25
	Total Obligation Authority	450.690	573.350	424.680	-	424.680
AR	Quantity	-	-	6	-	6
	Total Obligation Authority	-	-	111.180	-	111.180
Total: Secondary Distribution	**Quantity**	**100**	**70**	**79**	**-**	**79**
	Total Obligation Authority	**1,660.388**	**1,227.035**	**1,356.546**	**-**	**1,356.546**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: AA0005 / UH-60 Blackhawk M Model (MYP)	Item Number / Title [DODIC]: A05002 / UH-60 BLACK HAWK (MYP)

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframes/CFE(†)		2013	Sikorsky Aircraft / Stratford CT	SS / FP	AMCOM	Dec 2012	Jun 2013	100	11,260.550	N		Jan 2010
Airframes/CFE(†)		2014	Sikorsky Aircraft / Stratford CT	SS / FP	AMCOM	Dec 2013	Jul 2014	70	11,835.943	N		Jan 2010
Airframes/CFE(†)		2015	Sikorsky Aircraft / Stratford CT	SS / FP	AMCOM	Dec 2014	Jul 2015	79	11,812.380	N		Jan 2010
Advance Procurement												
CFE Airframe		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Jul 2015	39,000	0.909			
CFE Airframe		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Feb 2014	Aug 2015	65,000	0.909			
CFE Airframe		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	47,000	0.909			
Auxiliary Power Unit		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Jul 2014	39,000	0.098			
Auxiliary Power Unit		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Feb 2014	Aug 2014	65,000	0.098			
Auxiliary Power Unit		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	47,000	0.098			
Engines		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Mar 2015	78,000	0.744			
Engines		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Feb 2014	Apr 2015	130,000	0.744			
Engines		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	94,000	0.744			
EGI		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Jan 2015	78,000	0.121			
EGI		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Feb 2014	Feb 2015	130,000	0.121			
EGI		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	94,000	0.121			
Heads Up Display AVS-7		2013	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2014	Oct 2014	39,000	0.073			
Heads Up Display AVS-7		2014	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Feb 2014	Nov 2014	65,000	0.073			
Heads Up Display AVS-7		2015	See End Item P-5A/ NA / See End Item P-5A	Various	See End Item P-5A	Jan 2015	Jan 2015	47,000	0.073			

(†) indicates the presence of a P-21

Remarks:
FY 2012 began the next five (5) year multi-year, multi-service contract for the H-60Ms.

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** AA0005 / UH-60 Blackhawk M Model (MYP)	**Item Number / Title [DODIC]:** A05002 / UH-60 BLACK HAWK (MYP)

Delivery schedules appear to extend beyond the 12 month period for the following reasons:

Yearly procurements consist of UH-60M, HH-60M and supplemental aircraft. Each of the three are awarded on different contract line items. While each of these efforts deliver all of their aircraft within a 12 month span, they do not deliver within the same 12 month time period.

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** AA0005 / UH-60 Blackhawk M Model (MYP)	**Item Number / Title [DODIC]:** A05002 / UH-60 BLACK HAWK (MYP)

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
							Calendar Year 2013												Calendar Year 2014												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Airframes/CFE																															
Prior Years Deliveries: 509																															
	1	2013	ARMY	100	-	100			-	-	-	-	-	-	9	1	6	4	4	6	6	6	6	6	6	6	5	-	-	3	26
	1	2013	NAVY (‡)	37	-	37			-	-	-	-	-	-	-	2	1	2	1	2	1	4	3	5	2	3	2	2	2	3	2
	1	2013	FMS (‡)	15	-	15			-	-	-	-	-	-	-	-	-	-	1	-	-	2	1	3	3	4	1	-	-	-	-
	1	**2013**	**TOTAL**	**152**	**-**	**152**			**-**	**-**	**-**	**-**	**-**	**-**	**9**	**3**	**7**	**6**	**6**	**8**	**7**	**12**	**10**	**14**	**11**	**13**	**8**	**2**	**2**	**6**	**28**
	1	2014	ARMY	70	-	70															-	-	-	-	-	-	-	6	6	5	53
	1	2014	NAVY (‡)	37	-	37															-	-	-	-	-	-	-	2	1	2	32
	1	2014	FMS (‡)	16	-	16															-	-	-	-	-	-	-	2	1	2	11
	1	**2014**	**TOTAL**	**123**	**-**	**123**															**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10**	**8**	**9**	**96**
	1	2015	ARMY	79	-	79																									79
	1	2015	NAVY (‡)	37	-	37																									37
	1	2015	FMS (‡)	12	-	12																									12
	1	**2015**	**TOTAL**	**128**	**-**	**128**																									**128**
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army | **Date:** March 2014

Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20

P-1 Line Item Number / Title: AA0005 / UH-60 Blackhawk M Model (MYP)

Item Number / Title [DODIC]: A05002 / UH-60 BLACK HAWK (MYP)

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
										Calendar Year 2015												Calendar Year 2016									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Airframes/CFE																															
Prior Years Deliveries: 509																															
	1	2013	ARMY	100	74	26	3	3	3	3	3	3	1	1	3	3															-
	1	2013	NAVY (‡)	37	35	2	1	1	-	-	-	-	-	-	-	-															-
	1	2013	FMS (‡)	15	15	-	-	-	-	-	-	-	-	-	-	-															-
	1	**2013**	**TOTAL**	**152**	**124**	**28**	**4**	**4**	**3**	**3**	**3**	**3**	**1**	**1**	**3**	**3**															**-**
	1	2014	ARMY	70	17	53	6	6	5	6	5	5	5	5	5	1	1	1	1	1	-										-
	1	2014	NAVY (‡)	37	5	32	1	2	1	4	2	4	3	3	3	2	2	2	1	1	1										-
	1	2014	FMS (‡)	16	5	11	1	2	2	1	1	1	1	1	1	-	-	-	-	-	-										-
	1	**2014**	**TOTAL**	**123**	**27**	**96**	**8**	**10**	**8**	**11**	**8**	**10**	**9**	**9**	**9**	**3**	**3**	**3**	**2**	**2**	**1**										**-**
	1	2015	ARMY	79	-	79			-	-	-	-	-	-	-	7	6	7	7	6	6	7	6	7	7	7	6	-	-	-	-
	1	2015	NAVY (‡)	37	-	37			-	-	-	-	-	-	-	2	1	2	1	1	1	2	2	2	2	3	3	3	3	3	6
	1	2015	FMS (‡)	12	-	12			-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-
	1	**2015**	**TOTAL**	**128**	**-**	**128**			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**10**	**8**	**10**	**9**	**8**	**8**	**10**	**9**	**10**	**10**	**11**	**10**	**3**	**3**	**3**	**6**
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: AA0005 / UH-60 Blackhawk M Model (MYP)	Item Number / Title [DODIC]: A05002 / UH-60 BLACK HAWK (MYP)

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018												
										Calendar Year 2017												Calendar Year 2018									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Airframes/CFE																															
Prior Years Deliveries: 509																															
	1	2013	ARMY	100	100	-																									-
	1	2013	NAVY (‡)	37	37	-																									-
	1	2013	FMS (‡)	15	15	-																									-
	1	**2013**	**TOTAL**	**152**	**152**	**-**																									**-**
	1	2014	ARMY	70	70	-																									-
	1	2014	NAVY (‡)	37	37	-																									-
	1	2014	FMS (‡)	16	16	-																									-
	1	**2014**	**TOTAL**	**123**	**123**	**-**																									**-**
	1	2015	ARMY	79	79	-	-	-	-																						-
	1	2015	NAVY (‡)	37	31	6	2	3	1																						-
	1	2015	FMS (‡)	12	12	-	-	-	-																						-
	1	**2015**	**TOTAL**	**128**	**122**	**6**	**2**	**3**	**1**																						**-**
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** AA0005 / UH-60 Blackhawk M Model (MYP)	**Item Number / Title [DODIC]:** A05002 / UH-60 BLACK HAWK (MYP)

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	Sikorsky Aircraft - Stratford CT	18.00	96.00	150.00	8	3	6	9	-	3	6	9

(‡) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.
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).

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** AA0005 / UH-60 Blackhawk M Model (MYP)

ID Code (A=Service Ready, B=Not Service Ready) : **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
Gross/Weapon System Cost *($ in Millions)*	918.453	114.961	116.001	132.138	-	132.138	135.761	251.669	-	-	Continuing	Continuing
Net Procurement (P1) *($ in Millions)*	918.453	114.961	116.001	132.138	-	132.138	135.761	251.669	-	-	Continuing	Continuing
Total Obligation Authority *($ in Millions)*	**918.453**	**114.961**	**116.001**	**132.138**	**-**	**132.138**	**135.761**	**251.669**	**-**	**-**	**Continuing**	**Continuing**

Description:

The Advance Procurement for the UH-60 BLACK HAWK contains funding for the airframe and engine contracts as well as funding for Government Furnished Equipment (GFE) to support the UH-60 aircraft and mission kit production. GFE (in addition to the engine) currently requiring advance procurement includes numerous communication, navigation, and Aircraft Survivability Equipment items procured by the Communications and Electronics Command (CECOM).

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A05002 / UH-60 BLACK HAWK (MYP)	P-10				918.453			114.961			116.001			132.138			-			132.138
Total Gross/Weapon System Cost					**918.453**			**114.961**			**116.001**			**132.138**			**-**			**132.138**

*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:

FY 2015 procures long lead and Economic Order Quantities (EOQ) items such as T700-GE-701D engines and avionics components for the FY 2012-FY 2016 multiyear contract.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** AA0005 / UH-60 Blackhawk M Model (MYP)	**P-5 Number / Title:** A05002 / UH-60 BLACK HAWK (MYP)
ID Code (A=Service Ready, B=Not Service Ready) :		
First System (2015) Award Date: May 2005	**First System (2015) Completion Date:** June 2006	**Interval Between Systems:** 18 Months

UH-60 BLACK HAWK (MYP)	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2013 *(Each)*	FY 2014 *(Each)*	FY 2015 *(Each)*
Quantity		509	100	70	79

Cost Element	When Rqd *(Months)*	Prior Years *($ M)*	FY 2013 *($ M)*	FY 2014 *($ M)*	FY 2015 *($ M)*
Other					
CFE Airframe (†)	6	470.074	36.578	43.449	42.737
Auxiliary Power Unit (†)	3	19.582	3.820	3.723	4.588
Engines (†)	3	320.806	62.213	56.790	69.978
EGI (†)	3	51.189	9.482	9.243	11.390
Heads Up Display AVS-7 (†)	3	15.790	2.868	2.796	3.445
Total: Other		*877.441*	*114.961*	*116.001*	*132.138*
Total Advance Procurement/Obligation Authority		**918.453**	**114.961**	**116.001**	**132.138**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** AA0005 / UH-60 Blackhawk M Model (MYP)	**P-5 Number / Title:** A05002 / UH-60 BLACK HAWK (MYP)

ID Code (A=Service Ready, B=Not Service Ready) :

Cost Elements	QPA (Each)	FY 2015					
		Production Leadtime (Months)	Unit Cost ($ K)	Contract Forecast Date	2015 Qty (Each)	For FY	Total Cost Request ($ M)
Other							
CFE Airframe (†)	1	-	0.909	Jan 2015	47,000		42.737
Auxiliary Power Unit (†)	1	-	0.098	Jan 2015	47,000		4.588
Engines (†)	2	-	0.744	Jan 2015	94,000		69.978
EGI (†)	2	-	0.121	Jan 2015	94,000		11.390
Heads Up Display AVS-7 (†)	1	-	0.073	Jan 2015	47,000		3.445
Total: Other							*132.138*
Total Advance Procurement/Obligation Authority							**132.138**

Description:
N/A

(†) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	167	44	38	32	-	32	39 [a]	27 [b]	2 [c]	12 [d]	45 [e]	406 [f]
Gross/Weapon System Cost *($ in Millions)*	4,581.722	1,432.930	1,254.681	990.880	-	990.880	1,122.583 [g]	842.217 [h]	165.047 [i]	235.829 [j]	952.213 [k]	11,578.102 [l]
Less PY Advance Procurement *($ in Millions)*	149.637	120.956	77.031	98.376	-	98.376	102.361	102.134	-	-	8.707	659.202
Net Procurement (P1) *($ in Millions)*	4,432.085	1,311.974	1,177.650	892.504	-	892.504	1,020.222	740.083	165.047	235.829	943.506	10,918.900
Plus CY Advance Procurement *($ in Millions)*	270.593	77.031	98.376	102.361	-	102.361	102.134	8.707	-	-	-	659.202
Total Obligation Authority *($ in Millions)*	**4,702.678**	**1,389.005**	**1,276.026**	**994.865**	**-**	**994.865**	**1,122.356**	**748.790**	**165.047**	**235.829**	**943.506**	**11,578.102**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	27,435.461	32,566.591	33,017.921	30,965.000	-	30,965.000	28,784.180	31,193.222	82,523.500	19,652.417	21,160.289	28,517.493

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

Description:

The CH-47F Chinook is a twin-turbine, tandem-rotor, heavy-lift transport helicopter with a useful load of up to 25,000 pounds. As the Army's only heavy lift helicopter, the CH-47F Improved Cargo helicopter is an essential component of the Army Future Force. The mission of the CH-47F is to transport troops (including air assault), supplies, weapons, and other cargo in general support operations. The CH-47F is vital to Overseas Contingency Operations and Homeland Security needs of our nation. Secondary missions include medical evacuation, aircraft recovery, parachute drops, disaster relief, and search and rescue. These aircraft are fielded to heavy helicopter companies and Special Operations Aviation. The CH-47F is expected to remain the Army's heavy lift helicopter until at least the 2038 timeframe. The CH-47F ReNew Program will provide a more reliable, less costly to operate aircraft compatible with Joint digital connectivity requirements in the Future Force. Key product improvements integrate a new-machined airframe, a performance capability, Common Avionics Architecture System, Air Warrior, Common Missile Warning System, enhanced air transportability, Digital Advance Flight Control System (DAFCS) and an Extended Range Fuel System II for self-deployment missions. The CH-47F program extends the Army's Chinook fleets useful life 20 years incorporating reliability and maintainability improvements including airframe tuning for vibration reduction, corrosion protection, digital source collectors, Transportable Flight Proficiency Simulators, Cargo Floor Handling System, Ballistic Protection System, Transformation Sets, Kits and Outfits, Aviation Training Devices, M240 Window/Door Gun Mounts and an automated maintenance program with a 400-hour phase interval. The ReNew program rebuilds and replaces CH-47Ds and 61 Special Operations Aviation MH-47s to the CH-47F/MH-47G configuration. The New Build program procures all CH-47F New Build aircraft and 8 Special Operations Aviation MH-47G New Build aircraft. The CH-47F PM is fielding and training Combat Aviation Brigades (CABs), NG/USAR units using a New Equipment Training team. The CH-47F program is currently in the third year of a second five-year Multiyear (MY) contract (FY13 to FY17) that was awarded on 10 Jun 2013.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	38	32	26	-	26	39	27	2	12
	Total Obligation Authority	1,191.005	1,078.026	796.865	-	796.865	1,122.356	748.790	165.047	235.829
ANG	Quantity	-	6	-	-	-	-	-	-	-
	Total Obligation Authority	-	198.000	-	-	-	-	-	-	-

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter
ID Code (A=Service Ready, B=Not Service Ready) :	**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
AR	Quantity	6	-	6	-	6	-	-	-	-
	Total Obligation Authority	198.000	-	198.000	-	198.000	-	-	-	-
Total: Secondary Distribution	**Quantity**	**44**	**38**	**32**	**-**	**32**	**39**	**27**	**2**	**12**
	Total Obligation Authority	**1,389.005**	**1,276.026**	**994.865**	**-**	**994.865**	**1,122.356**	**748.790**	**165.047**	**235.829**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A05008 / CH-47 NEW BUILD	P-5, P-5a, P-21		27,612.651	129	3,562.032	30,257.640	25	756.441	37,935.813	16	606.973	39,373.833	6	236.243	-	-	-	39,373.833	6	236.243
P-3a - A05105 / CH-47 SLEP	P-3a		26,833.947	38	1,019.690	35,604.684	19	676.489	29,441.273	22	647.708	29,024.500	26	754.637	-	-	-	29,024.500	26	754.637
Total Gross/Weapon System Cost			**27,435.461**	**167**	**4,581.722**	**32,566.591**	**44**	**1,432.930**	**33,017.921**	**38**	**1,254.681**	**30,965.000**	**32**	**990.880**	**-**	**-**	**-**	**30,965.000**	**32**	**990.880**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A05008 / CH-47 NEW BUILD	P-5, P-5a, P-21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P-3a - A05105 / CH-47 SLEP	P-3a		28,601.741	27	772.247	31,185.852	27	842.018	82,523.500	2	165.047	19,652.417	12	235.829	21,160.289	45	952.213	27,825.128	218	6,065.878
Total Gross/Weapon System Cost			**28,784.180**	**39**	**1,122.583**	**31,193.222**	**27**	**842.217**	**82,523.500**	**2**	**165.047**	**19,652.417**	**12**	**235.829**	**21,160.289**	**45**	**952.213**	**28,517.493**	**406**	**11,578.102**

*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:
FY15 Base procurement dollars in the amount of $994.865 million will procure 6 new build aircraft and 26 renew aircraft.

Note: By having a Multi-year contract versus 5 single year contracts yielded a cost avoidance ($810M) FY13 through FY17.

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.

Efforts with funding starting in FY16 through FY19 are summarized on the P-40. Not all details of this funding are included in this P-40 exhibit set. A summary of the excepted details is as follows:

(a) FY 2016 Quantity Delta: 12

(b) FY 2017 Quantity Delta: 0

(g) FY 2016 Cost Delta: 350.336 million

(h) FY 2017 Cost Delta: 0.199 million

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:**

(c) FY 2018 Quantity Delta: 0

(d) FY 2019 Quantity Delta: 0

(e) FY To Complete Quantity Delta: 0

(f) FY Total Quantity Delta: 188

(i) FY 2018 Cost Delta: 0.000 million

(j) FY 2019 Cost Delta: 0.000 million

(k) FY To Complete Cost Delta: 0.000 million

(l) FY Total Cost Delta: 5,512.224 million

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: A05101 / CH-47 Helicopter	Item Number / Title [DODIC]: A05008 / CH-47 NEW BUILD

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)*	129	25	16	6	-	6	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	3,562.032	756.441	606.973	236.243	-	236.243	-	-	-	-	-	-
Less PY Advance Procurement *($ in Millions)*	32.759	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	3,529.273	756.441	606.973	236.243	-	236.243	-	-	-	-	-	-
Plus CY Advance Procurement *($ in Millions)*	32.759	-	-	-	-	-	-	-	-	-	-	32.759
Total Obligation Authority *($ in Millions)*	**3,562.032**	**756.441**	**606.973**	**236.243**	**-**	**236.243**	**-**	**-**	**-**	**-**	**-**	**-**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	27,612.651	30,257.640	37,935.813	39,373.833	-	39,373.833	-	-	-	-	-	-

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																			
Recurring Cost																			
Airframes/CFE(†)		-	-	2,251.183	16,080.400	25	402.010	24,078.125	16	385.250	22,098.333	6	132.590	-	-	-	22,098.333	6	132.590
Engine/Accessories		-	-	254.982	1,074.056	36	38.666	1,158.000	32	37.056	1,062.667	12	12.752	-	-	-	1,062.667	12	12.752
CFE Avionics		-	-	158.510	-	-	25.155	-	-	24.107	-	-	8.296	-	-	-	-	-	8.296
GFE		-	-	345.335	-	-	52.358	-	-	46.892	-	-	18.507	-	-	-	-	-	18.507
ECO (Flyaway)		-	-	23.680	-	-	19.643	-	-	18.665	-	-	6.541	-	-	-	-	-	6.541
Other Costs		-	-	59.794	-	-	33.249	-	-	27.240	-	-	8.303	-	-	-	-	-	8.303
SOA Aircraft		-	-	20.970	-	-	74.164	-	-	-	-	-	-	-	-	-	-	-	-
PSE		-	-	20.530	-	-	2.911	-	-	1.803	-	-	0.939	-	-	-	-	-	0.939
Peculiar Training Equipment		-	-	66.182	-	-	0.368	-	-	2.728	-	-	2.428	-	-	-	-	-	2.428
Publications/Tech Data		-	-	14.666	-	-	0.338	-	-	0.236	-	-	0.122	-	-	-	-	-	0.122
ECO (Support Items)		-	-	2.300	-	-	0.625	-	-	0.385	-	-	0.202	-	-	-	-	-	0.202
NET		-	-	56.097	-	-	21.653	-	-	11.799	-	-	3.450	-	-	-	-	-	3.450
Other Support Costs		-	-	34.206	-	-	8.239	-	-	6.806	-	-	3.543	-	-	-	-	-	3.543
Post Production Modifications		-	-	234.590	-	-	73.682	-	-	40.877	-	-	37.408	-	-	-	-	-	37.408
Initial Spares		-	-	19.007	-	-	3.380	-	-	3.129	-	-	1.162	-	-	-	-	-	1.162
Subtotal: Recurring Cost		-	-	*3,562.032*	-	-	*756.441*	-	-	*606.973*	-	-	*236.243*	-	-	-	-	-	*236.243*
Subtotal: Flyaway Cost		-	-	*3,562.032*	-	-	*756.441*	-	-	*606.973*	-	-	*236.243*	-	-	-	-	-	*236.243*

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: A05101 / CH-47 Helicopter	Item Number / Title [DODIC]: A05008 / CH-47 NEW BUILD

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Gross/Weapon System Cost		**27,612.651**	**129**	**3,562.032**	**30,257.640**	**25**	**756.441**	**37,935.813**	**16**	**606.973**	**39,373.833**	**6**	**236.243**	**-**	**-**	**-**	**39,373.833**	**6**	**236.243**

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Airframes/CFE(†)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine/Accessories		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CFE Avionics		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GFE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECO (Flyaway)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOA Aircraft		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PSE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peculiar Training Equipment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Publications/Tech Data		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ECO (Support Items)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NET		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Support Costs		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Post Production Modifications		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Initial Spares		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	25	16	6	-	6	-	-	-	-
	Total Obligation Authority	756.441	606.973	236.243	-	236.243	-	-	-	-
Total: Secondary Distribution	**Quantity**	**25**	**16**	**6**	**-**	**6**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**756.441**	**606.973**	**236.243**	**-**	**236.243**	**-**	**-**	**-**	**-**

Exhibit P-5, Cost Analysis: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	**Item Number / Title [DODIC]:** A05008 / CH-47 NEW BUILD

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: A05101 / CH-47 Helicopter	Item Number / Title [DODIC]: A05008 / CH-47 NEW BUILD

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframes/CFE(†)		2013	The Boeing Company / Ridley Park, PA	SS / FFP	AMCOM	Jun 2013	Mar 2015	25	16,080.400	N		Apr 2007
Airframes/CFE(†)		2014	The Boeing Company / Ridley Park, PA	SS / FFP	AMCOM	Dec 2013	Mar 2016	16	24,078.125	N		Jul 2011
Airframes/CFE(†)		2015	The Boeing Company / Ridley Park, PA	SS / FFP	AMCOM	Dec 2014	Mar 2017	6	22,098.333	N		Jul 2011

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	**Item Number / Title [DODIC]:** A05008 / CH-47 NEW BUILD

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
										Calendar Year 2013												Calendar Year 2014									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Airframes/CFE																															
	1	2013	ARMY	25	-	25									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
	1	2014	ARMY	16	-	16															-	-	-	-	-	-	-	-	-	-	16
	1	2015	ARMY	6	-	6																									6
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	**Item Number / Title [DODIC]:** A05008 / CH-47 NEW BUILD

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
							Calendar Year 2015												Calendar Year 2016												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Airframes/CFE																															
	1	2013	ARMY	25	-	25	-	-	-	-	-	2	2	2	2	2	3	2	2	2	2	2	2								-
	1	2014	ARMY	16	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2
	1	2015	ARMY	6	-	6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	**Item Number / Title [DODIC]:** A05008 / CH-47 NEW BUILD

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018												
										Calendar Year 2017												Calendar Year 2018									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Airframes/CFE																															
	1	2013	ARMY	25	25	-																									-
	1	2014	ARMY	16	14	2	2																								-
	1	2015	ARMY	6	-	6	-	-	-	-	-	2	2	2																	-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	**Item Number / Title [DODIC]:** A05008 / CH-47 NEW BUILD

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	The Boeing Company - Ridley Park, PA	24.00	24.00	72.00	5	5	28	33	-	-	-	-

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).

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	**Modification Number / Title:** A05105 / CH-47 SLEP

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)*	38	19	22	26	-	26	27	27	2	12	45	218
Gross/Weapon System Cost *($ in Millions)*	1,019.690	676.489	647.708	754.637	-	754.637	772.247	842.018	165.047	235.829	952.213	6,065.878
Less PY Advance Procurement *($ in Millions)*	116.878	120.956	77.031	98.376	-	98.376	102.361	102.134	-	-	8.707	626.443
Net Procurement (P1) *($ in Millions)*	902.812	555.533	570.677	656.261	-	656.261	669.886	739.884	165.047	235.829	943.506	5,439.435
Plus CY Advance Procurement *($ in Millions)*	270.593	77.031	98.376	102.361	-	102.361	102.134	8.707	-	-	-	659.202
Total Obligation Authority *($ in Millions)*	**1,173.405**	**632.564**	**669.053**	**758.622**	**-**	**758.622**	**772.020**	**748.591**	**165.047**	**235.829**	**943.506**	**6,098.637**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	26,833.947	35,604.684	29,441.273	29,024.500	-	29,024.500	28,601.741	31,185.852	82,523.500	19,652.417	21,160.289	27,825.128

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

Description:

The CH-47F Chinook is a twin-turbine, tandem-rotor, heavy lift transport helicopter with a useful load of up to 25,000 pounds. The ReNew program will provide a more reliable, less costly to operate aircraft compatible with Joint digital connectivity requirements in the Future Force. The ReNew Program produces an identical aircraft as the CH-47F New Build program with the exception of dynamic components including engine, transmission and drive train. During production, the aircraft receives a new airframe, cockpit, wiring and plumbing.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	13	16	20	-	20	-	-	-	-
	Total Obligation Authority	434.564	471.053	560.622	-	560.622	-	-	-	-
ANG	Quantity	-	6	-	-	-	-	-	-	-
	Total Obligation Authority	-	198.000	-	-	-	-	-	-	-
AR	Quantity	6	-	6	-	6	-	-	-	-
	Total Obligation Authority	198.000	-	198.000	-	198.000	-	-	-	-
Total: Secondary Distribution	**Quantity**	**19**	**22**	**26**	**-**	**26**	**27**	**27**	**2**	**12**
	Total Obligation Authority	**676.489**	**647.708**	**754.637**	**-**	**754.637**	**772.247**	**842.018**	**165.047**	**235.829**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	P-1 Line Item Number / Title: A05101 / CH-47 Helicopter	Modification Number / Title: A05105 / CH-47 SLEP
Models of Systems Affected: CH-47	Modification Type: .	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: CH-47 D to F Conversion												
A Kits												
Recurring												
Recurring Production (Mods)	38 / 923.037	19 / 570.492	22 / 523.566	26 / 634.317	- / -	26 / 634.317	27 / 672.152	27 / 702.274	2 / 47.430	12 / 47.430	45 / 17.420	218 / 4,138.118
Other Flyaway	0 / 35.100	- / 53.900	- / 58.428	- / 71.386	- / -	- / 71.386	- / 63.695	- / 70.755	- / 53.648	- / 57.878	- / 115.614	- / 580.404
Other Support	0 / 54.364	- / 40.803	- / 41.202	- / 31.797	- / -	- / 31.797	- / 14.133	- / 20.389	- / 9.217	- / -	- / -	- / 211.905
Training	0 / 1.100	- / 11.294	- / 21.340	- / 8.035	- / -	- / 8.035	- / 4.544	- / 13.980	- / 13.397	- / 12.800	- / 12.800	- / 99.290
Support Equipment	0 / 6.089	- / -	- / 3.172	- / 9.102	- / -	- / 9.102	- / 6.504	- / 5.428	- / 0.410	- / 69.370	- / -	- / 100.075
Post Production (Mods)	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.219	- / 29.192	- / 40.945	- / 48.351	- / 806.379	- / 936.086
Subtotal: Recurring	*- / 1,019.690*	*- / 676.489*	*- / 647.708*	*- / 754.637*	*- / - *	*- / 754.637*	*- / 772.247*	*- / 842.018*	*- / 165.047*	*- / 235.829*	*- / 952.213*	*- / 6,065.878*
Subtotal: CH-47 D to F Conversion	*38 / 1,019.690*	*19 / 676.489*	*22 / 647.708*	*26 / 754.637*	*- / - *	*26 / 754.637*	*27 / 772.247*	*27 / 842.018*	*2 / 165.047*	*12 / 235.829*	*45 / 952.213*	*218 / 6,065.878*
Subtotal: Procurement, All Modification Items	*38 / 1,019.690*	*19 / 676.489*	*22 / 647.708*	*26 / 754.637*	*- / - *	*26 / 754.637*	*27 / 772.247*	*27 / 842.018*	*2 / 165.047*	*12 / 235.829*	*45 / 952.213*	*218 / 6,065.878*
Installation												
Modification Item 1 of 1: CH-47 D to F Conversion	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal: Installation	*0 / 0.000*	*- / - *	*- / - *	*- / - *	*- / - *	*- / - *	*- / - *	*- / - *	*- / - *	*- / - *	*- / - *	*- / - *
Total												
Total Cost (Procurement + Support + Installation)	**1,019.690**	**676.489**	**647.708**	**754.637**	**-**	**754.637**	**772.247**	**842.018**	**165.047**	**235.829**	**952.213**	**6,065.878**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	**Modification Number / Title:** A05105 / CH-47 SLEP

Modification Item 1 of 1: CH-47 D to F Conversion

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ripley, PA
Administrative Leadtime *(in Months)*: 5	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Jun 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018	Dec 2019
Delivery Dates	Jan 2015	Jan 2016	Jan 2017	Jan 2017	Jan 2018	Jan 2019	Jan 2020

Installation Information

Method of Implementation: Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	37	3	5	5	5	4	6	5	6	5	7	6	7	6	7	7	7	6	7	7	7	6	-	-	-	-	-	-	-	-	161
Out	21	3	3	4	4	4	5	5	5	4	6	5	6	5	7	6	7	7	7	7	7	6	7	7	7	6	-	-	-	-	161

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter

ID Code (A=Service Ready, B=Not Service Ready) : **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
Gross/Weapon System Cost *($ in Millions)*	270.593	77.031	98.376	102.361	-	102.361	102.134	8.707	-	-	-	659.202
Net Procurement (P1) *($ in Millions)*	270.593	77.031	98.376	102.361	-	102.361	102.134	8.707	-	-	-	659.202
Total Obligation Authority *($ in Millions)*	**270.593**	**77.031**	**98.376**	**102.361**	**-**	**102.361**	**102.134**	**8.707**	**-**	**-**	**-**	**659.202**

Description:

The CH-47F Chinook is a twin-turbine, tandem-rotor, heavy-lift transport helicopter with a useful load of up to 25,000 pounds. The CH-47F Improved Cargo Helicopter is an essential component of the Army Future Force. The CH-47F program fills the Army's Aviation Transformation Chinook requirement. Key product improvements integrate the CH-47F Common Avionics Architecture System (CAAS) digital cockpit which meets the Net-Ready Key Performance Parameters (KPPs) and also includes a digital data bus that permits installation of enhanced communication and navigation equipment for improved situational awareness, mission performance, and survivability. The new digital cockpit incorporates all new airframe components and modifies the aircraft to reduce vibration. New airframe structural components and modifications will reduce harmful vibrations, improving operation and support (O&S) efficiency and crew endurance. Other airframe modifications reduce by 60 percent the time required for aircraft tear down and build-up after C-5/C-17 deployment. These modifications significantly enhance the Chinook's strategic deployment capability.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - A05105 / CH-47 SLEP	P-10				270.593			77.031			98.376			102.361			-			102.361
Total Gross/Weapon System Cost					**270.593**			**77.031**			**98.376**			**102.361**			**-**			**102.361**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - A05105 / CH-47 SLEP	P-10				102.134			8.707			-			-			-			659.202
Total Gross/Weapon System Cost					**102.134**			**8.707**			**-**			**-**			**-**			**659.202**

*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:

FY 15 Base procurement dollars in the amount of $102.361 million will procure avionics and airframe advance procurement.

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.

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 01: Aircraft / BSA 20: Rotary	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:**

Efforts with funding starting in FY16 through FY19 are summarized on the P-40. Not all details of this funding are included in this P-40 exhibit set. A summary of the excepted details is as follows:

(a) FY 2016 Quantity Delta: 12
(b) FY 2017 Quantity Delta: 0
(c) FY 2018 Quantity Delta: 0
(d) FY 2019 Quantity Delta: 0
(e) FY To Complete Quantity Delta: 0
(f) FY Total Quantity Delta: 188
(g) FY 2016 Cost Delta: 350.336 million
(h) FY 2017 Cost Delta: 0.199 million
(i) FY 2018 Cost Delta: 0.000 million
(j) FY 2019 Cost Delta: 0.000 million
(k) FY To Complete Cost Delta: 0.000 million
(l) FY Total Cost Delta: 5,512.224 million

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	**P-3a Number / Title / Item Title:** A05105 / CH-47 SLEP / CH-47 D to F Conversion

ID Code (A=Service Ready, B=Not Service Ready) :

First System (2015) Award Date:	First System (2015) Completion Date:	Interval Between Systems:
December 2003	December 2006	2 Months

CH-47 D to F Conversion	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2013 *(Each)*	FY 2014 *(Each)*	FY 2015 *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*	FY 2019 *(Each)*	To Complete *(Each)*	Total *(Each)*
Quantity		38	19	22	26	27	27	2	12	45	218

Cost Element	When Rqd *(Months)*	Prior Years *($ M)*	FY 2013 *($ M)*	FY 2014 *($ M)*	FY 2015 *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*	FY 2019 *($ M)*	To Complete *($ M)*	Total *($ M)*
Other											
Avionics	16	108.237	30.812	39.350	40.944	40.854	3.483	-	-	-	263.680
Airframe	14	162.356	46.219	59.026	61.417	61.280	5.224	-	-	-	395.522
Total: Other		*270.593*	*77.031*	*98.376*	*102.361*	*102.134*	*8.707*	*-*	*-*	*-*	*659.202*
Total Advance Procurement/Obligation Authority		**270.593**	**77.031**	**98.376**	**102.361**	**102.134**	**8.707**	**-**	**-**	**-**	**659.202**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 01 / 20	**P-1 Line Item Number / Title:** A05101 / CH-47 Helicopter	**P-3a Number / Title / Item Title:** A05105 / CH-47 SLEP / CH-47 D to F Conversion

ID Code (A=Service Ready, B=Not Service Ready) :

Cost Elements	QPA (Each)	FY 2015					
		Production Leadtime (Months)	Unit Cost ($ K)	Contract Forecast Date	2015 Qty (Each)	For FY	Total Cost Request ($ M)
Other							
Avionics	-	-	1.000	Mar 2016	40,944		40.944
Airframe	-	-	1.000	Mar 2016	61,417		61.417
Total: Other							*102.361*
Total Advance Procurement/Obligation Authority							**102.361**

Description:
N/A

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** A01001 / MQ-1 Payload (MIP)

ID Code (A=Service Ready, B=Not Service Ready) :	**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)*	-	-	-	2	-	2	17	16	8	-	-	43
Gross/Weapon System Cost *($ in Millions)*	-	-	-	26.913	-	26.913	57.394	55.549	36.363	-	-	176.219
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	-	-	-	26.913	-	26.913	57.394	55.549	36.363	-	-	176.219
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**-**	**-**	**26.913**	**-**	**26.913**	**57.394**	**55.549**	**36.363**	**-**	**-**	**176.219**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	13,456.500	-	13,456.500	3,376.118	3,471.813	4,545.375	-	-	4,098.116

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

Description:

Funds in this program are a realignment of funds from the shared MQ-1 Payload-UAS funding line (SSN A00020) for more efficient, effective program management. The funds were realigned into a new shared parent SSN, MQ-1 Payloads (MIP) (SSN A01001), which includes the MQ-1 sensor payloads: Synthetic Aperture Radar Moving Target Indicator (SAR/MTI) (SSN A01003), Signal Intelligence (SIGINT) (SSN A01004), and Common Sensor Payload Full Motion Video (CSP FMV) (SSN A01005).

MQ-1 Payload (MIP) (A01001) budget line is shared between multiple Payload programs and two Program Managers (PM Terrestrial Sensors & PM Sensors - Aerial Intelligence). These Payload programs support the Army's transformation by procuring Reconnaissance, Surveillance and Target Acquisition (RSTA) and Intelligence, Surveillance and Reconnaissance (ISR) payload systems for Brigade Combat Teams, Divisions, and Corps Unmanned Aircraft Systems (UAS). This is in accordance with Headquarters Department of the Army (HQDA) and Training and Doctrine Command (TRADOC) UAS priorities. Common Sensor Payload (CSP), Small Tactical Radar - Lightweight (STARLite), and Tactical Signals Intelligence (SIGINT) Payload (TSP) are principal payloads for the Gray Eagle UAS. The Army Acquisition Objective (AAO) for STARLite and CSP is equivalent to aircraft/platform quantities, one system per Gray Eagle UAS - AAO is commensurate with aircraft quantity (one STARLite and one CSP payload per aircraft). The AAO for TSP is 95 systems.

CSP Electro Optical / Infra Red / Laser Designator (EO/IR/LD) provides Full Motion Video (FMV) in both the Electro Optical and Mid Wave IR spectrums with day/night capability to collect and display continuous imagery with the ability to designate targets of interest for attack by laser guided precision weapons in Standard Definition (SD) as well as High Definition (HD) for a select subset of Gray Eagle platforms. CSP is the EO/IR/LD sensor for Gray Eagle UAS which supports force applications, battlespace awareness, force protection, and net-centric operations across the battlefield to provide wide area, near real time RSTA capabilities. Additional initiatives will continue to focus on the transition of technologies directly supporting emerging requirements and the Army's Current and Future Force. CSP is a KPP (Key Performance Parameter) for the Gray Eagle UAS to include the Combat Aviation Brigade (CAB), US Army Special Operations Aviation Command (ARSOAC) and Aerial Exploitation Battalion (AEB) companies.

Small Tactical Radar - Lightweight (STARLite) Synthetic Aperture Radar/Ground Moving Target Indicator (SAR/GMTI) is a lightweight, high performance, all weather, multi-functional radar system for the Gray Eagle Unmanned Aircraft System (UAS). The STARLite system provides wide area, near real time Reconnaissance, Surveillance and Target Acquisition (RSTA) capabilities. It operates throughout the UAS flight mission profile in adverse weather and through battlefield obscurants. The SAR mode generates quality images for the battlefield commander for detection, classification and location of stationary commercial wheeled vehicle-size targets. The GMTI mode detects moving ground targets, to include man-sized detection, and provides location information and performs cross-cue with the Electro-Optic/Infrared (EO/IR) sensors.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** A01001 / MQ-1 Payload (MIP)

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

The Tactical Signals Intelligence (SIGINT) Payload (TSP) is a SIGINT sensor, currently under development for the Gray Eagle that detects radio frequency (RF) emitters. The TSP system will provide a SIGINT capability to the tactical commander. The TSP system will be a modular, scalable payload using an architecture that is software reconfigurable to allow for growth and flexibility as technology, and as the adversaries use of technology changes. This flexible architecture allows for third party software applications to be integrated into the TSP system. The TSP system processing, control and data dissemination is integrated into the Distributed Common Ground System - Army (DCGS-A) via the Operational Ground Station. It supports Manned/Unmanned (MUM) teaming with Brigade Combat Team ground SIGINT Terminal Guidance (STG) teams and manned airborne assets. The TSP system improves situational awareness and shortens the targeting cycle by detecting and identifying emitters associated with high value targets (HVTs). The TSP system is capable of processing conventional signals, standard military signals, and modern signals of interest. This includes detection, recognition, identification, direction finding, and high confidence geo-location. The TSP system operates in two modes, passive and active to provide an enhanced Aerial Precision Geolocation (APG) capability.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	2	-	2	17	16	8	-
	Total Obligation Authority	-	-	26.913	-	26.913	57.394	55.549	36.363	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**2**	**-**	**2**	**17**	**16**	**8**	**-**
	Total Obligation Authority	**-**	**-**	**26.913**	**-**	**26.913**	**57.394**	**55.549**	**36.363**	**-**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A01003 / SAR/MTI (MIP)	P-5		-	-	-	-	-	-	-	-	-	-	-	3.686	-	-	-	-	-	3.686
Item - A01004 / SIGINT (MIP)	P-5, P-5a, P-21		-	-	-	-	-	-	-	-	-	7,409.000	2	14.818	-	-	-	7,409.000	2	14.818
Item - A01005 / CSP FMV (MIP)	P-5		-	-	-	-	-	-	-	-	-	-	-	8.409	-	-	-	-	-	8.409
Total Gross/Weapon System Cost			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**13,456.500**	**2**	**26.913**	**-**	**-**	**-**	**13,456.500**	**2**	**26.913**

*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:

CSP: FY 2015 base procurement dollars in the amount of $8.409 million supports Interim Contractor Support (ICS), initial fielding of 30 CSP (Standard Definition and High Definition) payloads for the National Training Center (NTC) B/229th, SOCOM (ARSOAC) F/160th and Combat Aviation Brigade (CAB) D/25th as well as 18 HD platform upgrades to Gray Eagle AEBs (A/15th and A/224th).

STARLite: FY 2015 base procurement dollars in the amount of $3.686 million supports Program Management Office Support, Program Management /Engineering Support, Engineering Changes, System Test & Evaluation, Initial Fielding Support, & Depot Facilitization

TSP: FY 15 base procurement dollars in the amount of $14.818 Million supports procurement of two (2) TSP payloads along with initial spares and contractor logistics support.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** A01001 / MQ-1 Payload (MIP)	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:**

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 the homeland defense missions, domestic emergency responses and providing military support to civil authorities.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A01001 / MQ-1 Payload (MIP)	Item Number / Title [DODIC]: A01003 / SAR/MTI (MIP)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	-	-	3.686	-	3.686
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	-	-	-	3.686	-	3.686
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**-**	**-**	**3.686**	**-**	**3.686**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
STARLite PMO Support		-	-	-	-	-	-	-	-	-	-	-	0.185	-	-	-	-	-	0.185
Engineering Support		-	-	-	-	-	-	-	-	-	-	-	1.591	-	-	-	-	-	1.591
Engineering Changes		-	-	-	-	-	-	-	-	-	-	-	0.747	-	-	-	-	-	0.747
System Test & Evaluation		-	-	-	-	-	-	-	-	-	-	-	0.678	-	-	-	-	-	0.678
Initial Fielding Support		-	-	-	-	-	-	-	-	-	-	-	0.272	-	-	-	-	-	0.272
Depot Facilitization		-	-	-	-	-	-	-	-	-	-	-	0.213	-	-	-	-	-	0.213
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	*3.686*	-	-	-	-	-	*3.686*
Subtotal: Flyaway Cost		-	-	-	-	-	-	-	-	-	-	-	*3.686*	-	-	-	-	-	*3.686*
Gross/Weapon System Cost		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3.686**	**-**	**-**	**-**	**-**	**-**	**3.686**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	3.686	-	3.686
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**-**	**-**	**3.686**	**-**	**3.686**

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A01001 / MQ-1 Payload (MIP)	Item Number / Title [DODIC]: A01004 / SIGINT (MIP)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	-	-	2	-	2
Gross/Weapon System Cost *($ in Millions)*	-	-	-	14.818	-	14.818
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	-	-	-	14.818	-	14.818
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**-**	**-**	**14.818**	**-**	**14.818**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	7,409.000	-	7,409.000

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Hardware Cost																			
Recurring Cost																			
TSP Airborne Pods(†)		-	-	-	-	-	-	-	-	-	2,400.000	2	4.800	-	-	-	2,400.000	2	4.800
TSP Engineering Change Proposals		-	-	-	-	-	-	-	-	-	-	-	0.390	-	-	-	-	-	0.390
TSP Contractor PMO/ System Engineering		-	-	-	-	-	-	-	-	-	-	-	2.908	-	-	-	-	-	2.908
TSP Government PMO/System Engineering		-	-	-	-	-	-	-	-	-	-	-	3.400	-	-	-	-	-	3.400
TSP System Test and Evaluation		-	-	-	-	-	-	-	-	-	-	-	1.420	-	-	-	-	-	1.420
TSP Data/Technical Data Package		-	-	-	-	-	-	-	-	-	-	-	0.310	-	-	-	-	-	0.310
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	*13.228*	-	-	-	-	-	*13.228*
Subtotal: Hardware Cost		-	-	-	-	-	-	-	-	-	-	-	*13.228*	-	-	-	-	-	*13.228*
Logistics Cost																			
Recurring Cost																			
TSP Initial Spares		-	-	-	-	-	-	-	-	-	-	-	1.590	-	-	-	-	-	1.590
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	*1.590*	-	-	-	-	-	*1.590*
Subtotal: Logistics Cost		-	-	-	-	-	-	-	-	-	-	-	*1.590*	-	-	-	-	-	*1.590*
Gross/Weapon System Cost		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7,409.000**	**2**	**14.818**	**-**	**-**	**-**	**7,409.000**	**2**	**14.818**

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A01001 / MQ-1 Payload (MIP)	**Item Number / Title [DODIC]:** A01004 / SIGINT (MIP)

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	2	-	2
	Total Obligation Authority	-	-	14.818	-	14.818
Total: Secondary Distribution	**Quantity**	**-**	**-**	**2**	**-**	**2**
	Total Obligation Authority	**-**	**-**	**14.818**	**-**	**14.818**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A01001 / MQ-1 Payload (MIP)	Item Number / Title [DODIC]: A01004 / SIGINT (MIP)

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
TSP Airborne Pods(†)		2015	BAE Systems / Nashua	SS / FFP	ACC,APG	Mar 2015	Mar 2016	2	2,400.000	Y		

(†) indicates the presence of a P-21

Remarks:
In FY14, the 17 month lead time to first TSP delivery is to ensure production continuity. Return to normal 12 month delivery after FY14 order beginning in FY15 and beyond. The FY14 order is convered under the A00020 line.

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A01001 / MQ-1 Payload (MIP)	Item Number / Title [DODIC]: A01004 / SIGINT (MIP)

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
										Calendar Year 2015												Calendar Year 2016									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
TSP Airborne Pods																															
	1	2015	ARMY (XIV)	2	-	2						-	-	-	-	-	-	-	-	-	-	-	-	1	1						-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A01001 / MQ-1 Payload (MIP)	**Item Number / Title [DODIC]:** A01004 / SIGINT (MIP)

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	BAE Systems - Nashua	1.00	12.00	24.00	3	6	12	18	-	6	12	18

Remarks:
In FY14, the 17 month lead time to first TSP delivery is to ensure production continuity. Return to normal 12 month delivery after FY14 order beginning in FY15 and beyond. The FY14 order is convered under the A00020 line.

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).

Service/Agency Suffixes:
(XIV) Base

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A01001 / MQ-1 Payload (MIP)	Item Number / Title [DODIC]: A01005 / CSP FMV (MIP)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	-	-	8.409	-	8.409
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	-	-	-	8.409	-	8.409
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**-**	**-**	**8.409**	**-**	**8.409**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
CSP HD Platform Retrofit/Upgrades		-	-	-	-	-	-	-	-	-	-	-	2.810	-	-	-	-	-	2.810
CSP PMO Support		-	-	-	-	-	-	-	-	-	-	-	0.488	-	-	-	-	-	0.488
CSP Interim Contractor Support		-	-	-	-	-	-	-	-	-	-	-	3.101	-	-	-	-	-	3.101
CSP Initial Fielding Support		-	-	-	-	-	-	-	-	-	-	-	2.010	-	-	-	-	-	2.010
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	*8.409*	-	-	-	-	-	*8.409*
Subtotal: Flyaway Cost		-	-	-	-	-	-	-	-	-	-	-	*8.409*	-	-	-	-	-	*8.409*
Gross/Weapon System Cost		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**8.409**	**-**	**-**	**-**	**-**	**-**	**8.409**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	8.409	-	8.409
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**-**	**-**	**8.409**	**-**	**8.409**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** A00020 / MQ-1 Payload - UAS

ID Code (A=Service Ready, B=Not Service Ready) :			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)*	280.093	173.911	97.781	-	-	-	-	-	-	-	-	551.785
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	280.093	173.911	97.781	-	-	-	-	-	-	-	-	551.785
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**280.093**	**173.911**	**97.781**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**551.785**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

Funds in this program are realigned, beginning in FY15, to a new shared parent SSN, MQ-1 Payloads (MIP) (SSN A01001), which includes the MQ-1 sensor payloads: Synthetic Aperture Radar Moving Target Indicator (SAR/MTI) (SSN A01003), Signal Intelligence (SIGINT) (SSN A01004), and Common Sensor Payload Full Motion Video (CSP FMV) (SSN A01005), for more efficient, effective program management.

MQ-1 Payload Unmanned Aircraft Systems (UAS) (A00020) budget line is shared between multiple Payload programs and two Program Managers (PM Terrestrial Sensors & PM Sensors - Aerial Intelligence). These Payload programs support the Army's transformation by procuring Reconnaissance, Surveillance and Target Acquisition (RSTA) and Intelligence, Surveillance and Reconnaissance (ISR) payload systems for Brigade Combat Teams, Divisions, and Corps Unmanned Aircraft Systems (UAS). This is in accordance with Headquarters Department of the Army (HQDA) and Training and Doctrine Command (TRADOC) UAS priorities. Small Tactical Radar - Lightweight (STARLite), CSP, and Tactical Signals Intelligence (SIGINT) Payload (TSP) are principal payloads for the Gray Eagle UAS. The Army Acquisition Objective (AAO) for STARLite and CSP is equivalent to aircraft/platform quantities, one system per Gray Eagle UAS - AAO is commensurate with aircraft quantity (one STARLite and one CSP payload per aircraft).

Small Tactical Radar - Lightweight (STARLite) Synthetic Aperture Radar/Ground Moving Target Indicator (SAR/GMTI) is a lightweight, high performance, all weather, multi-functional radar system for the Gray Eagle Unmanned Aircraft System (UAS). The STARLite system provides wide area, near real time Reconnaissance, Surveillance and Target Acquisition (RSTA) capabilities. It operates throughout the UAS flight mission profile in adverse weather and through battlefield obscurants. The SAR mode generates quality images for the battlefield commander for detection, classification and location of stationary commercial wheeled vehicle-size targets. The GMTI mode detects moving ground targets, to include man-sized detection, and provides location information and performs cross-cue with the Electro-Optic/Infrared (EO/IR) sensors.

Common Sensor Payload (CSP) - Electro Optical / Infra Red / Laser Designator (EO/IR/LD) provides FMV in both the Electro Optical and Mid Wave IR spectrums with day/night capability to collect and display continuous imagery with the ability to designate targets of interest for attack by laser guided precision weapons in Standard Definition (SD) as well as High Definition (HD) for select number of Gray Eagle platforms. It is the EO/IR/LD sensor for Gray Eagle UAS which supports force applications, battlespace awareness, force protection, and net-centric operations across the battlefield to provide wide area, near real time RSTA capabilities. Additional initiatives will continue to focus on the transition of technologies directly supporting emerging requirements and the Army's Current and Future Force. CSP is being procured for the Gray Eagle UAS program and has potential application to other platforms.

The Tactical Signals Intelligence (SIGINT) Payload (TSP) is a SIGINT sensor, currently under development for the Gray Eagle that detects radio frequency (RF) emitters. The TSP system will provide a SIGINT capability to the tactical commander. The TSP system will be a modular, scalable payload using an architecture that is software reconfigurable to allow for growth and flexibility as technology, and as the adversaries use of technology changes. This flexible architecture allows for third party software applications to be integrated into the TSP system. The TSP system processing, control and data dissemination

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** A00020 / MQ-1 Payload - UAS

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

is integrated into the Distributed Common Ground System - Army (DCGS-A) via the Operational Ground Station. It supports Manned/Unmanned (MUM) teaming with Brigade Combat Team ground SIGINT Terminal Guidance (STG) teams and manned airborne assets. The TSP system improves situational awareness and shortens the targeting cycle by detecting and identifying emitters associated with high value targets (HVTs). The TSP system is capable of processing conventional signals, standard military signals, and modern signals of interest. This includes detection, recognition, identification, direction finding, and high confidence geo-location. The TSP system operates in two modes, passive and active to provide an enhanced Aerial Precision Geolocation (APG) capability.

The Army Acquisition Objective for TSP is 95 systems.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	173.911	97.781	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**173.911**	**97.781**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - A00020 / MQ-1 Payload - UAS	P-5, P-5a, P-21		-	-	280.093	-	-	173.911	-	-	97.781	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			**-**	**-**	**280.093**	**-**	**-**	**173.911**	**-**	**-**	**97.781**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

*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.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A00020 / MQ-1 Payload - UAS	Item Number / Title [DODIC]: A00020 / MQ-1 Payload - UAS

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	280.093	173.911	97.781	-	-	-
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	280.093	173.911	97.781	-	-	-
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**280.093**	**173.911**	**97.781**	**-**	**-**	**-**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
CSP SD Hardware(†)		1,216.515	130	158.147	784.938	32	25.118	-	-	-	-	-	-	-	-	-	-	-	-
CSP HD Hardware(†)		-	-	-	-	-	-	1,088.250	8	8.706	-	-	-	-	-	-	-	-	-
CSP HD Payload Retrofit		-	-	-	292.839	31	9.078	-	-	-	-	-	-	-	-	-	-	-	-
CSP HD Platform Retrofit		-	-	-	-	-	6.124	-	-	5.283	-	-	-	-	-	-	-	-	-
CSP PMO Support		-	-	-	-	-	5.593	-	-	2.030	-	-	-	-	-	-	-	-	-
CSPProgram Management/ Eng Support		-	-	-	-	-	1.515	-	-	-	-	-	-	-	-	-	-	-	-
CSP Engineering Changes		-	-	-	-	-	0.625	-	-	-	-	-	-	-	-	-	-	-	-
CSP System Test & Eval		-	-	-	-	-	0.832	-	-	0.450	-	-	-	-	-	-	-	-	-
CSP SD Initial Spares		-	-	-	-	-	11.774	-	-	-	-	-	-	-	-	-	-	-	-
CSP HD Initial Spares		-	-	-	-	-	-	-	-	6.529	-	-	-	-	-	-	-	-	-
CSPInterim Contractor Support		-	-	-	-	-	0.300	-	-	0.304	-	-	-	-	-	-	-	-	-
CSP Initial Fielding Support		-	-	-	-	-	3.061	-	-	1.500	-	-	-	-	-	-	-	-	-
CSP Depot Facilitization		-	-	-	-	-	9.585	-	-	4.377	-	-	-	-	-	-	-	-	-
STARLite Hardware(†)		823.954	130	107.114	795.313	32	25.450	803.375	8	6.427	-	-	-	-	-	-	-	-	-
Hardware Retrofits		-	-	-	-	-	3.798	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A00020 / MQ-1 Payload - UAS	Item Number / Title [DODIC]: A00020 / MQ-1 Payload - UAS

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
STARLite PMO Support		-	-	-	-	-	8.713	-	-	1.616	-	-	-	-	-	-	-	-	-
Program Management/ Eng Support		-	-	-	-	-	1.407	-	-	1.000	-	-	-	-	-	-	-	-	-
Engineering Changes		-	-	-	-	-	1.271	-	-	1.771	-	-	-	-	-	-	-	-	-
System Test & Eval		-	-	-	-	-	0.299	-	-	2.028	-	-	-	-	-	-	-	-	-
Initial Spares		-	-	-	-	-	17.696	-	-	3.213	-	-	-	-	-	-	-	-	-
Initial Fielding Support		-	-	-	-	-	1.520	-	-	3.168	-	-	-	-	-	-	-	-	-
Depot Facilitization		-	-	-	-	-	3.852	-	-	8.878	-	-	-	-	-	-	-	-	-
TSP Non recurring Production		-	-	14.832	-	-	1.800	-	-	-	-	-	-	-	-	-	-	-	-
TSP Airborne Pods(†)		-	-	-	1,808.333	12	21.700	1,595.625	16	25.530	-	-	-	-	-	-	-	-	-
TSP Ground Workstations		-	-	-	353.889	18	6.370	-	-	-	-	-	-	-	-	-	-	-	-
TSP Engineering Changes		-	-	-	-	-	-	-	-	0.380	-	-	-	-	-	-	-	-	-
TSP Contractor Program Mgmt/ Eng Support		-	-	-	-	-	-	-	-	2.901	-	-	-	-	-	-	-	-	-
TSP Government PMO/Engineering Support		-	-	-	-	-	0.350	-	-	3.340	-	-	-	-	-	-	-	-	-
TSP System Test & Eval		-	-	-	-	-	4.250	-	-	5.340	-	-	-	-	-	-	-	-	-
TSP Data		-	-	-	-	-	1.790	-	-	2.960	-	-	-	-	-	-	-	-	-
TSP Initial Spares		-	-	-	-	-	0.040	-	-	0.050	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	*280.093*	-	-	*173.911*	-	-	*97.781*	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost		-	-	*280.093*	-	-	*173.911*	-	-	*97.781*	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		**-**	**-**	**280.093**	**-**	**-**	**173.911**	**-**	**-**	**97.781**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	173.911	97.781	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**173.911**	**97.781**	**-**	**-**	**-**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A00020 / MQ-1 Payload - UAS	Item Number / Title [DODIC]: A00020 / MQ-1 Payload - UAS

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
CSP SD Hardware(†)		2012	Raytheon / McKinney, TX	C / IDIQ	CECOM, APG	May 2012	May 2013	24	771.000	N		
CSP SD Hardware(†)		2013	Raytheon / McKinney, TX	C / IDIQ	CECOM, APG	Jun 2013	Jun 2014	32	784.938	N		
CSP HD Hardware(†)		2014	Raytheon / McKinney, TX	C / IDIQ	CECOM, APG	Mar 2014	Mar 2015	8	1,088.250	N		
STARLite Hardware(†)		2012	Northrop Grumman / Linthicum, MD	C / FFP	CECOM, APG	Apr 2012	Apr 2013	24	711.000	N		
STARLite Hardware(†)		2013	Northrop Grumman / Linthicum, MD	SS / FFP	CECOM, APG	Mar 2014	May 2015	32	795.313	N		
STARLite Hardware(†)		2014	Northrop Grumman / Linthicum, MD	SS / FFP	CECOM, APG	Mar 2014	May 2015	8	803.375	N		
TSP Airborne Pods(†)		2013	BAE Systems / Nashua, NH	SS / FFP	CECOM, APG	Mar 2014	Mar 2015	12	1,808.333	Y		
TSP Airborne Pods(†)		2014	BAE Systems / Nashua, NH	SS / FFP	CECOM, APG	Oct 2014	Mar 2016	16	1,595.625	Y		

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A00020 / MQ-1 Payload - UAS	Item Number / Title [DODIC]: A00020 / MQ-1 Payload - UAS

Cost Elements (Units in Each)							Fiscal Year 2012												Fiscal Year 2013												
							Calendar Year 2012												Calendar Year 2013												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
CSP SD Hardware																															
Prior Years Deliveries: 106																															
	1	2012	ARMY (XV)	24	-	24								-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	14	
	1	2013	ARMY (XVI)	32	-	32																				-	-	-	-	32	
CSP HD Hardware																															
	2	2014	ARMY (XVII)	8	-	8																								8	
STARLite Hardware																															
Prior Years Deliveries: 106																															
	3	2012	ARMY (XVIII)	24	-	24							-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	12	
	3	2013	ARMY (XIX)	32	-	32																								32	
	3	2014	ARMY (XX)	8	-	8																								8	
TSP Airborne Pods																															
	4	2013	ARMY (XXI)	12	-	12																								12	
	4	2014	ARMY (XXII)	16	-	16																								16	
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00020 / MQ-1 Payload - UAS	**Item Number / Title [DODIC]:** A00020 / MQ-1 Payload - UAS

Cost Elements (Units in Each)							Fiscal Year 2014												Fiscal Year 2015												
										Calendar Year 2014												Calendar Year 2015									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
CSP SD Hardware																															
Prior Years Deliveries: 106																															
	1	2012	ARMY (XV)	24	10	14	2	2	2	2	2	2	2																		-
	1	2013	ARMY (XVI)	32	-	32	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	2	2	2	2					-
CSP HD Hardware																															
	2	2014	ARMY (XVII)	8	-	8						-	-	-	-	-	-	-	-	-	-	-	-	2	2	1	1	1	1		-
STARLite Hardware																															
Prior Years Deliveries: 106																															
	3	2012	ARMY (XVIII)	24	12	12	2	2	2	2	2	2																			-
	3	2013	ARMY (XIX)	32	-	32						-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	3	2	3	19
	3	2014	ARMY (XX)	8	-	8						-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	4
TSP Airborne Pods																															
	4	2013	ARMY (XXI)	12	-	12						-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	5
	4	2014	ARMY (XXII)	16	-	16													-	-	-	-	-	-	-	-	-	-	-	-	16
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00020 / MQ-1 Payload - UAS	**Item Number / Title [DODIC]:** A00020 / MQ-1 Payload - UAS

Cost Elements (Units in Each)							Fiscal Year 2016												Fiscal Year 2017												
							Calendar Year 2016												Calendar Year 2017												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
CSP SD Hardware																															
Prior Years Deliveries: 106																															
	1	2012	ARMY (XV)	24	24	-																									-
	1	2013	ARMY (XVI)	32	32	-																									-
CSP HD Hardware																															
	2	2014	ARMY (XVII)	8	8	-																									-
STARLite Hardware																															
Prior Years Deliveries: 106																															
	3	2012	ARMY (XVIII)	24	24	-																									-
	3	2013	ARMY (XIX)	32	13	19	3	2	3	3	2	3	3																		-
	3	2014	ARMY (XX)	8	4	4	-	1	1	-	1	1																			-
TSP Airborne Pods																															
	4	2013	ARMY (XXI)	12	7	5	1	1	1	1	1																				-
	4	2014	ARMY (XXII)	16	-	16	-	-	-	-	-	1	1	1	1	1	1	1	1	2	2	2	2								-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00020 / MQ-1 Payload - UAS	**Item Number / Title [DODIC]:** A00020 / MQ-1 Payload - UAS

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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 - McKinney, TX	1.00	24.00	125.00	-	-	-	-	-	6	12	18
2	Raytheon - McKinney, TX	1.00	24.00	125.00	-	-	-	-	-	6	12	18
3	Northrop Grumman - Linthicum, MD	12.00	24.00	60.00	-	-	-	-	-	6	12	18
4	BAE Systems - Nashua, NH	1.00	12.00	24.00	3	6	12	18	-	1	17	18

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).

Service/Agency Suffixes:
(XV) BASE
(XVI) BASE
(XVII) BASE
(XVIII) BASE
(XIX) BASE
(XX) BASE
(XXI) BASE
(XXII) BASE

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AZ2000 / Guardrail Mods (MIP)

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	-	-	-	3	-	3	6	5	-	-	-	14
Gross/Weapon System Cost *($ in Millions)*	1,391.824	15.094	10.262	14.182	-	14.182	17.670	11.201	11.296	13.062	-	1,484.591
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,391.824	15.094	10.262	14.182	-	14.182	17.670	11.201	11.296	13.062	-	1,484.591
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,391.824**	**15.094**	**10.262**	**14.182**	**-**	**14.182**	**17.670**	**11.201**	**11.296**	**13.062**	**-**	**1,484.591**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	4,727.333	-	4,727.333	2,945.000	2,240.200	-	-	-	106,042.214

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

Description:

- Guardrail Common Sensor (GR/CS) is a tactical fixed-wing, airborne, Signals Intelligence (SIGINT) collection and precision targeting location system. The GR/CS systems are fielded to four Aerial Exploitation Battalions (AEBs) which are under the command of INSCOM. GR/CS provides near-real-time information to tactical commanders in the joint task force area supporting a full spectrum of operations (close in and deep look collections). It collects low-, mid-, and high-band radio signals; identifies and classifies them; determines source location; and provides near-real-time reporting, ensuring information dominance to commanders. GR/CS uses the Mission Operations Facility (MOF) for payload tasking, data processing, and mission operations.

Communications High Accuracy Location Subsystem-Compact (CHALS-C) provides precision geo-location and supports Theater for Net-Centric Geo-location (TNG) Airborne Overhead Cooperative Operations. Enhanced Situational Awareness (ESA) provides modern airborne Communications Intelligence (COMINT) subsystem and infrastructure. High Band COMINT (HBC) provides enhanced capability to intercept, locate, and exploit high frequency COMINT signals. X-Modular Interactive Data Acquisition System (X-MIDAS) provides the capability to intercept and exploit special signals. Electronics Intelligence (ELINT) provides Advanced Quick Look (AQL) processing against high frequency targets. FY15 efforts include recurring and non-recurring engineering to integrate Full Motion Video (FMV) A and B-Kits.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	3	-	3	6	5	-	-
	Total Obligation Authority	15.094	10.262	14.182	-	14.182	17.670	11.201	11.296	13.062
Total: Secondary Distribution	**Quantity**	**-**	**-**	**3**	**-**	**3**	**6**	**5**	**-**	**-**
	Total Obligation Authority	**15.094**	**10.262**	**14.182**	**-**	**14.182**	**17.670**	**11.201**	**11.296**	**13.062**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AZ2000 / Guardrail Mods (MIP)
ID Code (A=Service Ready, B=Not Service Ready) :	**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AZ2000 / Guardrail MODS MIP	P-3a		-	-	1,391.824	-	-	15.094	-	-	10.262	4,727.333	3	14.182	-	-	-	4,727.333	3	14.182
Total Gross/Weapon System Cost			**-**	**-**	**1,391.824**	**-**	**-**	**15.094**	**-**	**-**	**10.262**	**4,727.333**	**3**	**14.182**	**-**	**-**	**-**	**4,727.333**	**3**	**14.182**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AZ2000 / Guardrail MODS MIP	P-3a		2,945.000	6	17.670	2,240.200	5	11.201	-	-	11.296	-	-	13.062	-	-	-	106,042.214	14	1,484.591
Total Gross/Weapon System Cost			**2,945.000**	**6**	**17.670**	**2,240.200**	**5**	**11.201**	**-**	**-**	**11.296**	**-**	**-**	**13.062**	**-**	**-**	**-**	**106,042.214**	**14**	**1,484.591**

*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:

FY15 Base procurement funding in the amount of $14.182 million provides Full Motion Video (FMV) upgrade which provides capabilities for the Guardrail RC-12X aircraft to capture still and full motion imagery for analysis, exploitation, and dissemination in support of locating and identifying critical targets. FMV will be a complimentary capability to the current Signal Intelligence (SIGINT) capabilities of the RC-12X; targets that have been located by the SIGINT system can be confirmed through images and video collected from cross-cueing the FMV system. FMV effort includes integration and test of an electro-optical/infra-red (EO/IR) camera on the RC-12X. PM Costs include Government Facility installation for integration and test. A total of fourteen cameras will be procured, and mounting provisions will be installed on all fourteen RC-12X aircraft. The efforts provide recurring and non-recurring engineering, equips nine A-Kits, seven B-Kits, and fielding of four aircraft.

All funding goes to active component.

The current funding delivers three (3) RC-12X with FMV capabilities in FY15, six (6) FMV in FY16, and Five (5) FMV in FY17. At the conclusion of the recapitalization effort in FY15, the Modern Signal Enhancement efforts supports network modifications and Modern Signal Enhancements to support operations in multiple COCOM's.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2000 / Guardrail Mods (MIP)	**Modification Number / Title:** AZ2000 / Guardrail MODS MIP

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)*	-	-	-	3	-	3	6	5	-	-	-	14
Gross/Weapon System Cost *($ in Millions)*	1,391.824	15.094	10.262	14.182	-	14.182	17.670	11.201	11.296	13.062	-	1,484.591
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,391.824	15.094	10.262	14.182	-	14.182	17.670	11.201	11.296	13.062	-	1,484.591
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,391.824**	**15.094**	**10.262**	**14.182**	**-**	**14.182**	**17.670**	**11.201**	**11.296**	**13.062**	**-**	**1,484.591**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	4,727.333	-	4,727.333	2,945.000	2,240.200	-	-	-	106,042.214

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

Description:

The above represents Guardrail efforts over time. Individual efforts are described in detail under corresponding modifications.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	3	-	3	-	-	-	-
	Total Obligation Authority	15.094	10.262	14.182	-	14.182	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**3**	**-**	**3**	**6**	**5**	**-**	**-**
	Total Obligation Authority	**15.094**	**10.262**	**14.182**	**-**	**14.182**	**17.670**	**11.201**	**11.296**	**13.062**

Development Status/Major Development Milestones

Date	Title	Description
Aug 2012	None	N/A

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2000 / Guardrail Mods (MIP)	**Modification Number / Title:** AZ2000 / Guardrail MODS MIP
Models of Systems Affected: 1-14	**Modification Type:** 0	**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 3: Enhanced Situational Awareness (ESA) Subsystem												
A Kits												
Recurring												
NRE ESA	0 / 139.297	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 139.297
Recur ESA B-Kit	0 / 89.548	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 89.548
Recur A-Kit (Racks/Cable)	0 / 54.385	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 54.385
Recur A-Kit (Airframe)	0 / 55.948	- / 4.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 60.648
Recur Nav/Timing	0 / 20.848	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 20.848
NRE Data Link Air	0 / 25.663	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.663
Recur Data Link Ground	0 / 1.830	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.830
Spare ESA B-Kit	0 / 12.323	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.323
Eng Lab Asset ESA B-Kit	0 / 4.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.900
Aircraft Upgrade Cockpit	0 / 33.101	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 33.101
System Integration	0 / 29.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.200
Retrofit	- / -	- / 3.480	- / 4.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.780
Sys Assessment/Test Spt	0 / 16.102	- / 2.500	- / 0.365	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.967
Training Supt	0 / 5.900	- / 1.500	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.400
Fielding (CHALS/ESA/HBC)	0 / 24.989	- / 1.200	- / 1.362	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 27.551
PM Support	0 / 76.279	- / 1.314	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 78.593
Production FSR support	0 / 178.246	- / -	- / 0.335	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 178.581
Initial Spares Provision	0 / 3.951	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.951
Subtotal: Recurring	*- / 772.510*	*- / 14.694*	*- / 8.362*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 795.566*
Subtotal: Enhanced Situational Awareness (ESA) Subsystem	*0 / 772.510*	*- / 14.694*	*- / 8.362*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 795.566*
Modification Item 2 of 3: Full Motion Video (FMV)												
A Kits												
Recurring												
Kit Quantity	- / -	- / -	- / 0.200	- / 1.800	- / -	- / 1.800	- / 0.800	- / -	- / -	- / -	- / -	- / 2.800
Fielding/Training	- / -	- / -	- / -	3 / 0.400	- / -	3 / 0.400	6 / 0.925	5 / 0.400	- / -	- / -	- / -	14 / 1.725
Integration & Test	- / -	- / -	- / -	- / 2.500	- / -	- / 2.500	- / 2.919	- / 0.417	- / -	- / -	- / -	- / 5.836
PM Costs	- / -	- / -	- / 0.100	- / 1.256	- / -	- / 1.256	- / 1.192	- / -	- / -	- / -	- / -	- / 2.548
Spares/repairs	- / -	- / -	- / -	- / 0.626	- / -	- / 0.626	- / 1.600	- / 0.829	- / -	- / -	- / -	- / 3.055
Subtotal: Recurring	*- / -*	*- / -*	*- / 0.300*	*- / 6.582*	*- / -*	*- / 6.582*	*- / 7.436*	*- / 1.646*	*- / -*	*- / -*	*- / -*	*- / 15.964*

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2000 / Guardrail Mods (MIP)	**Modification Number / Title:** AZ2000 / Guardrail MODS MIP
Models of Systems Affected: 1-14	**Modification Type:** 0	**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)*
Non-Recurring												
Equipment	- / -	- / -	- / 0.600	- / 0.600	- / -	- / 0.600	- / 0.600	- / -	- / -	- / -	- / -	- / 1.800
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / 0.600*	*- / 0.600*	*- / -*	*- / 0.600*	*- / 0.600*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1.800*
B Kits												
Recurring												
Kit Quantity	- / -	- / -	- / 1.000	- / 7.000	- / -	- / 7.000	- / 6.000	- / -	- / -	- / -	- / -	- / 14.000
Subtotal: Recurring	*- / -*	*- / -*	*- / 1.000*	*- / 7.000*	*- / -*	*- / 7.000*	*- / 6.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 14.000*
Subtotal: Full Motion Video (FMV)	*- / -*	*- / -*	*- / 1.900*	*3 / 14.182*	*- / -*	*3 / 14.182*	*6 / 14.036*	*5 / 1.646*	*- / -*	*- / -*	*- / -*	*14 / 31.764*
Modification Item 3 of 3: Modernization Signal Enhancement												
A Kits												
Recurring												
Software Procurement	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.604	- / 4.878	- / 6.173	- / 6.631	- / -	- / 18.286
Software Installation	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.550	- / 0.650	- / 1.200	- / 1.452	- / -	- / 3.852
Accreditation	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.355	- / 0.455	- / 0.553	- / 0.650	- / -	- / 2.013
Test	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	- / 0.698	- / 0.750	- / 0.750	- / -	- / 2.598
Training	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / 0.750	- / -	- / 0.750	- / -	- / 2.000
Network Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.490	- / 0.790	- / 0.850	- / 0.869	- / -	- / 2.999
PM Support	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.365	- / 0.764	- / 1.120	- / 1.310	- / -	- / 3.559
Data	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.370	- / 0.570	- / 0.650	- / 0.650	- / -	- / 2.240
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 3.634*	*- / 9.555*	*- / 11.296*	*- / 13.062*	*- / -*	*- / 37.547*
Subtotal: Modernization Signal Enhancement	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 3.634*	*- / 9.555*	*- / 11.296*	*- / 13.062*	*- / -*	*- / 37.547*
Subtotal: Procurement, All Modification Items	*0 / 772.510*	*- / 14.694*	*- / 10.262*	*3 / 14.182*	*- / -*	*3 / 14.182*	*6 / 17.670*	*5 / 11.201*	*- / 11.296*	*- / 13.062*	*- / -*	*14 / 864.877*
Installation												
Modification Item 1 of 3: Enhanced Situational Awareness (ESA) Subsystem	0 / 619.314	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 619.714
Modification Item 2 of 3: Full Motion Video (FMV)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 3 of 3: Modernization Signal Enhancement	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal: Installation	*0 / 619.314*	*- / 0.400*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 619.714*
Total												
Total Cost (Procurement + Support + Installation)	**1,391.824**	**15.094**	**10.262**	**14.182**	**-**	**14.182**	**17.670**	**11.201**	**11.296**	**13.062**	**-**	**1,484.591**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2000 / Guardrail Mods (MIP)	**Modification Number / Title:** AZ2000 / Guardrail MODS MIP

Modification Item 1 of 3: Enhanced Situational Awareness (ESA) Subsystem

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: TBD

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)*
Prior Years	0 / 0.510	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.510
FY 2013	0 / 1.614	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.014
FY 2014	0 / 0.373	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.373
FY 2015	0 / 0.323	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.323
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 616.494	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 616.494
Total	0 / 619.314	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 619.714

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	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
Out	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2000 / Guardrail Mods (MIP)	**Modification Number / Title:** AZ2000 / Guardrail MODS MIP

Modification Item 2 of 3: Full Motion Video (FMV)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: .	Manufacturer Location: .
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: .

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	1	-	2	-	3	-	3	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	14
Out	-	-	-	-	-	-	-	-	-	-	1	-	2	-	3	-	3	3	2	-	-	-	-	-	-	-	-	-	-	-	14

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2000 / Guardrail Mods (MIP)	**Modification Number / Title:** AZ2000 / Guardrail MODS MIP

Modification Item 3 of 3: Modernization Signal Enhancement

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: TBD

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	-	-	-	3	-	3	2	3	1	-	-	9
Gross/Weapon System Cost *($ in Millions)*	863.805	4.289	10.467	131.892	-	131.892	108.593	131.928	81.977	42.137	-	1,375.088
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	863.805	4.289	10.467	131.892	-	131.892	108.593	131.928	81.977	42.137	-	1,375.088
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**863.805**	**4.289**	**10.467**	**131.892**	**-**	**131.892**	**108.593**	**131.928**	**81.977**	**42.137**	**-**	**1,375.088**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	43,964.000	-	43,964.000	54,296.500	43,976.000	81,977.000	-	-	152,787.556

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

Description:

Multi Sensor ABN Recon (MIP) (AZ2001) is the parent of The Airborne Reconnaissance Low - Enhanced (ARL-E) program supports the Aerial Layer 2020 Strategy which recommended replacement of the current Airborne Reconnaissance Low Multifunction (ARL-M) and migrates the current ARL sensors plus new niche sensors to the meet the ARL-E Capabilities Production Document (CPD) requirements. ARL-E procures the hardware, software, and infrastructure to rapidly install sensors which support a rapid plug and play, quick connect/disconnect, mounting system to allow the installation of various combinations of sensor-types in support of a wide-range of theater operations. The sensor suite will consist of a Communications Intelligence (COMINT) subsystem capable of supporting theater net centric geo-location efforts, High Definition Full Motion Video (FMV); Improved Synthetic Aperture Radar / Moving Target Indicator (SAR/MTI) radar capability and updated mission workstations, as well as radio and data/communications architecture. ARL-E will leverage existing sensors as well as integrating and installing niche sensors to augment current capabilities. Niche capabilities include Wide-Area Augmentation System (WAAS), Laser Imaging Detection and Ranging (LIDAR) and Hyper Spectral Imaging (HSI) sensors.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	3	-	3	2	3	1	-
	Total Obligation Authority	4.289	10.467	131.892	-	131.892	108.593	131.928	81.977	42.137
Total: Secondary Distribution	**Quantity**	**-**	**-**	**3**	**-**	**3**	**2**	**3**	**1**	**-**
	Total Obligation Authority	**4.289**	**10.467**	**131.892**	**-**	**131.892**	**108.593**	**131.928**	**81.977**	**42.137**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)
ID Code (A=Service Ready, B=Not Service Ready) :	**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AZ2050 / ARL Mod-In-Service	P-3a		-	-	863.805	-	-	4.289	-	-	10.467	43,964.000	3	131.892	-	-	-	43,964.000	3	131.892
Total Gross/Weapon System Cost			**-**	**-**	**863.805**	**-**	**-**	**4.289**	**-**	**-**	**10.467**	**43,964.000**	**3**	**131.892**	**-**	**-**	**-**	**43,964.000**	**3**	**131.892**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AZ2050 / ARL Mod-In-Service	P-3a		54,296.500	2	108.593	43,976.000	3	131.928	81,977.000	1	81.977	-	-	42.137	-	-	-	152,787.556	9	1,375.088
Total Gross/Weapon System Cost			**54,296.500**	**2**	**108.593**	**43,976.000**	**3**	**131.928**	**81,977.000**	**1**	**81.977**	**-**	**-**	**42.137**	**-**	**-**	**-**	**152,787.556**	**9**	**1,375.088**

*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:

FY15 Base procurement dollars in the amount of $131.892 million supports the procurement of three DHC-8 300 aircraft, Distributed Common Ground Station-Army (DCGS-A) workstations, communication equipment, COMINT subsystems, and radar subsystems. Funding also supports non-recurring engineering, integration, and test efforts for the first system. The ARL-E payload program procures the ARL mission equipment and new communications equipment for enhancement of the current ARL system making it rapidly deployable world-wide against current, new, and emerging threats.

The ARL funding profile supports system quantities of three (3) in FY15, two (2) in FY16, three (3) in FY17 and one (1) in FY18.

All COMPO 1 Active

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)	**Modification Number / Title:** AZ2050 / ARL Mod-In-Service

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)*	-	-	-	3	-	3	2	3	1	-	-	9
Gross/Weapon System Cost *($ in Millions)*	863.805	4.289	10.467	131.892	-	131.892	108.593	131.928	81.977	42.137	-	1,375.088
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	863.805	4.289	10.467	131.892	-	131.892	108.593	131.928	81.977	42.137	-	1,375.088
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**863.805**	**4.289**	**10.467**	**131.892**	**-**	**131.892**	**108.593**	**131.928**	**81.977**	**42.137**	**-**	**1,375.088**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	43,964.000	-	43,964.000	54,296.500	43,976.000	81,977.000	-	-	152,787.556

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

Description:

Mod-In-Service

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	3	-	3	-	-	-	-
	Total Obligation Authority	4.289	10.467	131.892	-	131.892	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**3**	**-**	**3**	**2**	**3**	**1**	**-**
	Total Obligation Authority	**4.289**	**10.467**	**131.892**	**-**	**131.892**	**108.593**	**131.928**	**81.977**	**42.137**

Development Status/Major Development Milestones

Date	Title	Description
Mar 2015	Sensor Contract Award	
May 2016	Sensor CT/DT	
Nov 2016	First Unit Equipped	

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)	**Modification Number / Title:** AZ2050 / ARL Mod-In-Service
Models of Systems Affected: ARL	**Modification Type:** Operational	**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 4: ARL Enhanced (ARL-E)												
A Kits												
Recurring												
DHC-8 300	- / -	- / -	- / -	3 / 41.849	- / -	3 / 41.849	2 / 24.566	3 / 36.849	1 / 12.283	- / -	- / -	9 / 115.547
Aircraft Standardization	- / -	- / -	- / -	- / 8.279	- / -	- / 8.279	- / 7.424	- / 8.360	- / 6.124	- / 6.285	- / -	- / 36.472
Mini-T & BLOS Data Link	- / -	- / -	- / -	- / 6.053	- / -	- / 6.053	- / 5.577	- / 5.151	- / 4.113	- / -	- / -	- / 20.894
Workstation Software	- / -	- / -	- / 0.400	- / 4.022	- / -	- / 4.022	- / 4.546	- / 4.820	- / 4.594	- / 0.769	- / -	- / 19.151
Workstations	- / -	- / -	- / 0.400	- / 4.543	- / -	- / 4.543	- / 3.333	- / 4.313	- / 3.747	- / -	- / -	- / 16.336
Mission Radio (Sets)	- / -	- / -	- / -	- / 3.012	- / -	- / 3.012	- / 2.019	- / 2.038	- / 2.528	- / -	- / -	- / 9.597
MEP/PED System Integration Lab (SIL)	- / -	- / -	- / -	- / 6.468	- / -	- / 6.468	- / 5.684	- / 6.210	- / 3.157	- / 1.184	- / -	- / 22.703
Aircraft Integration	- / -	- / -	- / -	- / 10.554	- / -	- / 10.554	- / 9.644	- / 9.165	- / 6.027	- / 2.712	- / -	- / 38.102
Test and Evaluation	- / -	- / -	- / -	- / 3.183	- / -	- / 3.183	- / 2.097	- / 4.945	- / 3.011	- / 0.409	- / -	- / 13.645
SSEB/Contract Documentation	- / -	- / -	- / 0.767	- / 2.177	- / -	- / 2.177	- / -	- / -	- / -	- / -	- / -	- / 2.944
Program Mgt	- / -	- / -	- / 0.600	- / 10.554	- / -	- / 10.554	- / 8.687	- / 8.554	- / 6.100	- / 4.300	- / -	- / 38.795
Spares	- / -	- / -	- / -	- / 1.700	- / -	- / 1.700	- / 1.700	- / 5.750	- / 4.002	- / 1.608	- / -	- / 14.760
Training and Documentation	- / -	- / -	- / -	- / 2.052	- / -	- / 2.052	- / 1.042	- / 2.212	- / 2.532	- / 0.116	- / -	- / 7.954
Field Support	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.153	- / 2.147	- / 2.150	- / 1.041	- / -	- / 6.491
Side Car/N Station Mounting	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000	- / 8.523	- / 4.423	- / 4.416	- / -	- / 19.362
Subtotal: Recurring	*- / -*	*- / -*	*- / 2.167*	*- / 104.446*	*- / -*	*- / 104.446*	*- / 79.472*	*- / 109.037*	*- / 64.791*	*- / 22.840*	*- / -*	*- / 382.753*
Non-Recurring												
Non Recurring Engineering	- / -	- / -	- / 1.000	- / 10.443	- / -	- / 10.443	- / 9.894	- / -	- / -	- / -	- / -	- / 21.337
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / 1.000*	*- / 10.443*	*- / -*	*- / 10.443*	*- / 9.894*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 21.337*
B Kits												
Recurring												
COMINT Subsystem	- / -	- / -	- / 2.500	- / 7.293	- / -	- / 7.293	- / 14.103	- / 14.117	- / 7.644	- / 7.751	- / -	- / 53.408
Upgraded HDi FMV Sensors	- / -	- / -	- / -	- / 2.896	- / -	- / 2.896	- / 2.700	- / 4.600	- / 4.036	- / 4.532	- / -	- / 18.764
Radar Subsystem	- / -	- / -	- / -	- / 6.814	- / -	- / 6.814	- / 2.424	- / 4.174	- / 5.506	- / 7.014	- / -	- / 25.932
Subtotal: Recurring	*- / -*	*- / -*	*- / 2.500*	*- / 17.003*	*- / -*	*- / 17.003*	*- / 19.227*	*- / 22.891*	*- / 17.186*	*- / 19.297*	*- / -*	*- / 98.104*
Subtotal: ARL Enhanced (ARL-E)	*- / -*	*- / -*	*- / 5.667*	*3 / 131.892*	*- / -*	*3 / 131.892*	*2 / 108.593*	*3 / 131.928*	*1 / 81.977*	*- / 42.137*	*- / -*	*9 / 502.194*
Modification Item 2 of 4: ARL Multifunction (ARL-M)												
A Kits												
Non-Recurring												
Work Station Architecture Upgrades	- / -	- / -	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)	**Modification Number / Title:** AZ2050 / ARL Mod-In-Service
Models of Systems Affected: ARL	**Modification Type:** Operational	**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)*
COMINT Diamond Back Upgrades	- / -	- / -	- / 1.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.100
RADAR (Phoenix Eye) Upgrades	- / -	- / -	- / 1.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.100
Communications Upgrades	- / -	- / -	- / 1.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.800
Program Management	- / -	- / -	- / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400
Subtotal: Non-Recurring	- / -	- / -	- / 4.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.800
Subtotal: ARL Multifunction (ARL-M)	- / -	- / -	- / 4.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.800
Modification Item 3 of 4: System Interoperability												
B Kits												
Recurring												
Datalink A-Kit	0 / 0.240	- / 0.255	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.495
Datalink Hardware	0 / 0.500	- / 0.515	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.015
Software	0 / 2.700	- / 1.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.949
Program Mgt	0 / 1.700	- / 0.595	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.295
Spares	0 / 2.500	- / 0.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.725
Integration of Existing Systems	0 / 3.160	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.160
Prototyping	0 / 9.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.600
OIF Air Force Interop	0 / 3.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.100
Subtotal: Recurring	- / 23.500	- / 2.839	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 26.339
Non-Recurring												
Engineering Design	0 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000
Subtotal: Non-Recurring	- / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000
Subtotal: System Interoperability	0 / 25.500	- / 2.839	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.339
Modification Item 4 of 4: Workstation Architecture												
B Kits												
Recurring												
SW PC Client Server	0 / 2.200	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.800
Initial Spares	0 / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.000
Program Management	0 / 0.700	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.800
Workstation	0 / 2.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.900
Non-Recurring Engineering	0 / 3.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.000
Subtotal: Recurring	- / 11.800	- / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.500
Subtotal: Workstation Architecture	0 / 11.800	- / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.500
Subtotal: Procurement, All Modification Items	0 / 37.300	- / 3.539	- / 10.467	3 / 131.892	- / -	3 / 131.892	2 / 108.593	3 / 131.928	1 / 81.977	- / 42.137	- / -	9 / 547.833
Installation												

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)	**Modification Number / Title:** AZ2050 / ARL Mod-In-Service
Models of Systems Affected: ARL	**Modification Type:** Operational	**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)*
Modification Item 1 of 4: ARL Enhanced (ARL-E)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / -	3 / -
Modification Item 2 of 4: ARL Multifunction (ARL-M)	0 / 823.605	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 823.605
Modification Item 3 of 4: System Interoperability	0 / 0.000	- / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.750
Modification Item 4 of 4: Workstation Architecture	0 / 2.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.900
Subtotal: Installation	*0 / 826.505*	*- / 0.750*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*3 / -*	*3 / 827.255*
Total												
Total Cost (Procurement + Support + Installation)	**863.805**	**4.289**	**10.467**	**131.892**	**-**	**131.892**	**108.593**	**131.928**	**81.977**	**42.137**	**-**	**1,375.088**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)	**Modification Number / Title:** AZ2050 / ARL Mod-In-Service

Modification Item 1 of 4: ARL Enhanced (ARL-E)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Mar 2015	Jul 2016	Jan 2017		
Delivery Dates			Nov 2016	Jun 2018	Jan 2019		

Installation Information

Method of Implementation: Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / -	3 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / -	3 / -

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	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	2	-	1	1	1	1	-	-	-	-	-	-	-	-	9
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	2	-	-	1	1	1	1	9

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)	**Modification Number / Title:** AZ2050 / ARL Mod-In-Service

Modification Item 2 of 4: ARL Multifunction (ARL-M)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: LMIS	Manufacturer Location: Hagerstown, MD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Jan 2013						
Delivery Dates							

Installation Information

Method of Implementation: Contractor

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)*
Prior Years	0 / 823.605	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 823.605
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 823.605	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 823.605

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	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)	**Modification Number / Title:** AZ2050 / ARL Mod-In-Service

Modification Item 3 of 4: System Interoperability

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: LMIS/SNC	Manufacturer Location: Hagerstown, MD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.750
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / 0.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.750

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	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Out	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2001 / Multi Sensor ABN Recon (MIP)	**Modification Number / Title:** AZ2050 / ARL Mod-In-Service

Modification Item 4 of 4: Workstation Architecture

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: LMIS/SNC	Manufacturer Location: Hagerstown, MD
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 3

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Contractor

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)*
Prior Years	0 / 2.900	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 2.900
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 2.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.900

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	6	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	6	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS

ID Code (A=Service Ready, B=Not Service Ready) :	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)*	6,339.567	127.530	53.559	181.869	-	181.869	127.873	139.936	127.372	147.515	580.576	7,825.797
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	6,339.567	127.530	53.559	181.869	-	181.869	127.873	139.936	127.372	147.515	580.576	7,825.797
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**6,339.567**	**127.530**	**53.559**	**181.869**	**-**	**181.869**	**127.873**	**139.936**	**127.372**	**147.515**	**580.576**	**7,825.797**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The AH-64 MODS (AA6606) program provides for modernization of the fielded AH-64D Longbow Apache (LBA) fleet. AH-64D is a tandem cockpit, twin engine, single main rotor attack helicopter. The LBA aircraft incorporates the Longbow weapon system and provides the U.S. Army with significant target acquisition and firepower effectiveness, survivability, lethality, and fighting capabilities even during adverse weather conditions. The LBA is equipped with the Fire Control Radar/Radar Frequency Interferometer (FCR/RFI) mission kit and Fire and Forget Longbow HELLFIRE missiles. The Modernized Target Acquisition Designator Sight (MTADS) assembly is an Electro-Optical system that consists of a Day television (DTV), sensor, a Forward Looking Infrared (FLIR) sensor for day and night visibility as well as limited adverse weather operations, a Laser Spot Tracker (LST), and Laser Rangefinder/Designator (LRFD). The Pilot Night Vision Sensor (PNVS) is a FLIR system which allows Nap-of-Earth flight operations at night by the pilot independent of the co-pilot/gunner's FLIR. The Longbow is armed with the Hellfire Antitank Missile, 2.75 inch rockets and a 30mm gun capable of defeating armor.

The AH-64 Mods Program allows for near-term operationally driven improvements to the Apache fleet, focusing on deployment lessons learned, reliability improvements, and solving obsolescence issues. Improvements will occur to the Airframe, Armament, Communications, Manned / Unmanned Teaming, Navigation, Sensors, Survivability, Support Elements, and Training Systems. Examples of modifications include Selected Component Recapitalization, Airframe and Sensor Obsolescence upgrades, Software upgrades, Condition Based Maintenance (CBM), Trainer upgrades, the Lightweight Missile Launcher (LWML) and Computer/Processing and Data Display and Control upgrades. Approximately half the Apache fleet will be non AB3 configured past 2020. These modernization efforts are required to ensure the Longbow Apache remains a ready and relevant Soldier asset.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	127.530	53.559	181.869	-	181.869	127.873	139.936	127.372	147.515
Total:	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS
ID Code (A=Service Ready, B=Not Service Ready) :	**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	127.530	53.559	181.869	-	181.869	127.873	139.936	127.372	147.515

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA6606 / AH-64 Modifications	P-3a		-	-	6,339.567	-	-	127.530	-	-	53.559	-	-	181.869	-	-	-	-	-	181.869
Total Gross/Weapon System Cost			**-**	**-**	**6,339.567**	**-**	**-**	**127.530**	**-**	**-**	**53.559**	**-**	**-**	**181.869**	**-**	**-**	**-**	**-**	**-**	**181.869**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA6606 / AH-64 Modifications	P-3a		-	-	127.873	-	-	139.936	-	-	127.372	-	-	147.515	-	-	580.576	-	-	7,825.797
Total Gross/Weapon System Cost			**-**	**-**	**127.873**	**-**	**-**	**139.936**	**-**	**-**	**127.372**	**-**	**-**	**147.515**	**-**	**-**	**580.576**	**-**	**-**	**7,825.797**

*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:
FY14 Base funding in the amount of $53.559 Million supports modification efforts for the Airframe, Armament, Manned/Unmanned Teaming Mission Command, Sensors, Survivability, Support Elements and training Systems.

All COMPO 1 Active

The Apache Project Manager developed new P Form categories to link the new capabilities to an Apache Work Breakdown Structure. The categories (Airframe, Arnament, Manned/Unmanned Teaming, Mission Command, etc) provide a more logical view and align the funding to a specific part of the aircraft.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

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)*	6,339.567	127.530	53.559	181.869	-	181.869	127.873	139.936	127.372	147.515	580.576	7,825.797
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	6,339.567	127.530	53.559	181.869	-	181.869	127.873	139.936	127.372	147.515	580.576	7,825.797
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**6,339.567**	**127.530**	**53.559**	**181.869**	**-**	**181.869**	**127.873**	**139.936**	**127.372**	**147.515**	**580.576**	**7,825.797**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

Airframe includes modifications to the Structural Subsystems, Propulsion/Drive/Rotor Systems, Health Monitoring System (CBM), and Recap Support/Kits. Structural Subsystems modifications include improvements to the assembled structural and aerodynamic components of the air vehicle to include the fuselage and associated manual flight control systems, rotor equipment, landing gear and associated equipment, environmental controls, racks, mounts, intersystem cables and distribution boxes. Propulsion/Drive/Rotor Systems together with Engine Electronic Digital Engine Control Unit (EDECU) and Common Hydro-Mechanical Unit (CHMU) provides the capability to carry a heavier combat payload and allow for enhanced performance in high-altitude, hot climates. Landing Gear improvements (High Performance Shock Struts (HPSS)) will improve the aircraft crash survivability and allows for a heavier aircraft with greater combat loads. The Health Monitoring System is associated with CBM support concept and the expansion of the Modernized Signal Processing Unit (MSPU) capabilities, which will continue to evolve, reduce ownership cost and improve the maintenance posture and burden of the Soldier.

Mission Command includes modifications and/or upgrades to the various Apache processors and displays. Mission Computer / Processing modifications and/or upgrades include improvements to the master data processing unit(s) responsible for coordinating and directing the major avionics mission systems. Displays and Controls modifications and/or upgrades includes improvements to the equipment which presents processed data by specially designed electronic devices through interconnection with computer or component equipment and the associated equipment needed to control the presentation of the necessary flight and tactical information to the crew for efficient management of the aircraft during all segments of the mission profile under day and night during all weather conditions. This equipment includes multifunction displays, control display units, display processors and on-board mission planning systems. Software Upgrades include critical software enhancements that will enable Apache commanders and aircrews to better perform their combat mission.

Sensors include modifications, operational improvements, and/or mitigation of obsolescence issues to the Apache Sensor suite, which includes the MTADS/PNVS, the Modernized Day Sensor Assembly (MDSA), and the Modernized Radar Frequency Interferometer (MRFI) Processor and Receiver. MTADS/PNVS operational and logistics improvements include accelerated application of outstanding Engineering Change Proposals and the sensors overhaul through the Arizona Support Center facility to allow for proper configuration. MDSA Phase I is the Modernized Laser Rangefinder/Designator (M-LFRD) which provides enhanced laser ranging, improved target designation, and target tracking capability by holding a stabilized laser beam on a distant stationary or moving point target for highly precise handoff to precision guided weapons. M-LFRD replaces the obsolete Laser Transceiver Unit, which mitigates ongoing obsolescence risks, improves reliability and maintainability, and reduces operations and support costs. MDSA Phase II replaces the remaining DSA components, adding a laser pointer and high definition color-camera capability. Phase II funding enables software integration, tooling, and test equipment procurement and system production.

Support Elements include the modification and production of those items, which are not part of the aircraft system but are required to maintain, service, or calibrate the aircraft systems or portions of the aircraft system while not directly engaged in the performance of its mission and will not be in the inventory for support of other weapon systems. Post Production Organic support establishes Depot Pilot Programs at Corpus Christi Army Depot (CCAD) and Tobyhanna Army Depot (TYAD) for selected Depot Level Repairables (DLR) as part of the Original Equipment Manufacturer (OEM) to Depot Transition. Post Production Organic Support (PPOS) provides Depot Maintenance Plant Equipment, Special Tools and Test Equipment, labor training and associated technical data for future repairs once the DLR has transitioned to the depot. PPOS improves Repair Turn Around Time and retain depot maintenance capabilities.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Training Systems include deliverable training services, devices, accessories, aids, equipment, and parts used to facilitate instruction through which personnel will learn to operate and maintain the system with maximum efficiency. Examples include Operator / Maintainer Training (aircraft/classroom), obsolescence and training concurrency to training device systems, and updates to allow individual/team training tasks and collective training. Efforts include the production and upgrade of deliverable training equipment and associated software.

Modification to the MUMT system enable fully integrated Unmanned Aerial System Level of Interoperability 4 in the C, L, S, and Ku band using both Tactical Common Data Link and Bandwidth Efficient Tactical Common Data Link; processor updates ensure Information Assurance certification and Interoperability Protocol compatibility. MUMT funding will be used for both non-recurring and recurring engineering.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	127.530	53.559	181.869	-	181.869	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**127.530**	**53.559**	**181.869**	**-**	**181.869**	**127.873**	**139.936**	**127.372**	**147.515**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications
Models of Systems Affected: Longbow Apache	**Modification Type:** Operational & Reliability Improvements and Resolve Obsolescence Issues	**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 18: Apache Sensors Life Extension & Upgrade												
A Kits												
Recurring												
Kit Quantity	669 / 123.697	- / -	8 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	677 / 123.697
Equipment (GFE)	0 / 44.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 44.900
Visible Near Infrared (V/NIR)	0 / 28.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 28.600
Other	0 / 7.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.200
Subtotal: Recurring	*- / 204.397*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 204.397*
Subtotal: Apache Sensors Life Extension & Upgrade	*669 / 204.397*	*- / -*	*8 / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*677 / 204.397*
Modification Item 2 of 18: AH-64A MISC Mods $5M or less (no P3a set)												
A Kits												
Recurring												
Interim Contractor Support	0 / 751.590	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 751.590
Subtotal: Recurring	*- / 751.590*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 751.590*
Subtotal: AH-64A MISC Mods $5M or less (no P3a set)	*0 / 751.590*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 751.590*
Modification Item 3 of 18: Apache Transformation (no P3a set)												
A Kits												
Recurring												
Sets, Kits & Outfits (SKO)	0 / 23.990	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.990
Equipment, NGF	0 / 29.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.100
ASL/PLL	0 / 2.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.000
Subtotal: Recurring	*- / 55.090*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 55.090*
Subtotal: Apache Transformation (no P3a set)	*0 / 55.090*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 55.090*
Modification Item 4 of 18: Modernized TADS/PNVS (M-TADS)												
A Kits												
Recurring												
Equipment	542 / 861.630	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	542 / 861.630
Equipment (OCO)	23 / 49.070	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	23 / 49.070

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications
Models of Systems Affected: Longbow Apache	**Modification Type:** Operational & Reliability Improvements and Resolve Obsolescence Issues	**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)*
TEDAC/IHDSS	0 / 67.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 67.200
Other Support	0 / 42.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 42.200
Subtotal: Recurring	*- / 1,020.100*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 1,020.100*
Subtotal: Modernized TADS/PNVS (M-TADS)	*565 / 1,020.100*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*565 / 1,020.100*
Modification Item 5 of 18: Video from UAS Interoperability Teaming (VUIT-2)												
A Kits												
Recurring												
VUIT-2 -- FY10 OCO	48 / 91.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 91.900
VUIT-2 -- FY11 OCO	144 / 170.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	144 / 170.600
Subtotal: Recurring	*- / 262.500*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 262.500*
Subtotal: Video from UAS Interoperability Teaming (VUIT-2)	*192 / 262.500*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*192 / 262.500*
Modification Item 6 of 18: Apache Product Improvements												
A Kits												
Recurring												
CBM Hardware/VMEP	428 / 17.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	428 / 17.600
Other Recap	0 / 48.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 48.100
NG Recap Support	0 / 79.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 79.300
CBM Services	0 / 49.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 49.600
Composite Main Rotor Blade ship sets	10 / 17.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 17.100
Other	0 / 563.268	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 563.268
Subtotal: Recurring	*- / 774.968*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 774.968*
Subtotal: Apache Product Improvements	*438 / 774.968*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*438 / 774.968*
Modification Item 7 of 18: Lightweight Missile Launcher (LWML)												
A Kits												
Recurring												
LWML Procurement	522 / 34.064	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	522 / 34.064
Subtotal: Recurring	*- / 34.064*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 34.064*
Subtotal: Lightweight Missile Launcher (LWML)	*522 / 34.064*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*522 / 34.064*

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications
Models of Systems Affected: Longbow Apache	**Modification Type:** Operational & Reliability Improvements and Resolve Obsolescence Issues	**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)*
Modification Item 8 of 18: Apache Upgrades and Remanufacture												
A Kits												
Recurring												
Blk II Reman Aircraft	117 / 1,293.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	117 / 1,293.300
NG Aircraft Procurement	72 / 865.851	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / 865.851
NG Aircraft Procurement (OCO)	23 / 284.530	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	23 / 284.530
System / Software Upgrade	0 / 23.323	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.323
Obsolescence	0 / 18.257	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 18.257
NG MEP	0 / 122.680	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 122.680
Other Support	0 / 170.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 170.300
Subtotal: Recurring	*- / 2,778.241*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 2,778.241*
Subtotal: Apache Upgrades and Remanufacture	*212 / 2,778.241*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*212 / 2,778.241*
Modification Item 9 of 18: Modernized Day Side Assembly (M-DSA), Phase1												
A Kits												
Recurring												
Equipment	299 / 106.263	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	299 / 106.263
Subtotal: Recurring	*- / 106.263*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 106.263*
Subtotal: Modernized Day Side Assembly (M-DSA), Phase1	*299 / 106.263*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*299 / 106.263*
Modification Item 10 of 18: Fire Control Radar (FCR)												
A Kits												
Recurring												
Installation Kits	30 / 134.240	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 134.240
Installation Kits (OCO)	9 / 44.880	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 44.880
Subtotal: Recurring	*- / 179.120*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 179.120*
Subtotal: Fire Control Radar (FCR)	*39 / 179.120*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*39 / 179.120*
Modification Item 11 of 18: Apache Block III												
A Kits												
Recurring												
Long Lead Items	0 / 11.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.100

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications
Models of Systems Affected: Longbow Apache	**Modification Type:** Operational & Reliability Improvements and Resolve Obsolescence Issues	**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)*
A to Block III (NRE)	0 / 29.370	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.370
Subtotal: Recurring	*- / 40.470*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 40.470*
Subtotal: Apache Block III	*0 / 40.470*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 40.470*
Modification Item 12 of 18: Apache Training Aids, Devices, Simulators & Simul												
A Kits												
Recurring												
LCT (NG/USAACE/WAATS)	5 / 84.860	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 84.860
System TADSS	50 / 24.404	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 24.404
Subtotal: Recurring	*- / 109.264*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 109.264*
Subtotal: Apache Training Aids, Devices, Simulators & Simul	*55 / 109.264*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*55 / 109.264*
Modification Item 13 of 18: Airframe												
A Kits												
Recurring												
Structural Subsystems	- / -	- / 12.535	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.535
Health Monitoring System	- / -	- / -	- / 3.011	- / 4.130	- / -	- / 4.130	- / 5.070	- / 4.655	- / 5.000	- / 5.607	- / -	- / 27.473
Recap Support / Kits	- / -	- / 17.064	- / 21.669	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 38.733
Other Support	- / -	- / -	- / 2.698	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.698
Subtotal: Recurring	*- / -*	*- / 29.599*	*- / 27.378*	*- / 4.130*	*- / -*	*- / 4.130*	*- / 5.070*	*- / 4.655*	*- / 5.000*	*- / 5.607*	*- / -*	*- / 81.439*
B Kits												
Non-Recurring												
Propulsion-Drive-Rotor Systems	- / -	72 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	72 / -
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*
Subtotal: Airframe	*- / -*	*72 / 29.599*	*- / 27.378*	*- / 4.130*	*- / -*	*- / 4.130*	*- / 5.070*	*- / 4.655*	*- / 5.000*	*- / 5.607*	*- / -*	*72 / 81.439*
Modification Item 14 of 18: Mission Command												
A Kits												
Recurring												
Processors	- / -	- / 3.435	- / 6.324	- / 23.836	- / -	- / 23.836	- / 25.209	- / 25.473	- / 22.000	- / 24.673	- / -	- / 130.950
Displays	- / -	- / 1.700	- / 7.186	- / 6.131	- / -	- / 6.131	- / 7.650	- / 7.650	- / 8.000	- / 8.972	- / -	- / 47.289
Subtotal: Recurring	*- / -*	*- / 5.135*	*- / 13.510*	*- / 29.967*	*- / -*	*- / 29.967*	*- / 32.859*	*- / 33.123*	*- / 30.000*	*- / 33.645*	*- / -*	*- / 178.239*
Subtotal: Mission Command	*- / -*	*- / 5.135*	*- / 13.510*	*- / 29.967*	*- / -*	*- / 29.967*	*- / 32.859*	*- / 33.123*	*- / 30.000*	*- / 33.645*	*- / -*	*- / 178.239*

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications
Models of Systems Affected: Longbow Apache	**Modification Type:** Operational & Reliability Improvements and Resolve Obsolescence Issues	**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)*
Modification Item 15 of 18: Sensors												
A Kits												
Recurring												
MTADS/PNVS	- / -	- / 11.468	- / 8.479	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.947
RFI	- / -	- / 4.370	- / 3.159	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.529
Other Support	- / -	- / -	- / 1.033	- / 6.945	- / -	- / 6.945	- / 4.636	- / 4.756	- / 4.801	- / 5.413	- / -	- / 27.584
Subtotal: Recurring	*- / -*	*- / 15.838*	*- / 12.671*	*- / 6.945*	*- / -*	*- / 6.945*	*- / 4.636*	*- / 4.756*	*- / 4.801*	*- / 5.413*	*- / -*	*- / 55.060*
B Kits												
Recurring												
MDSA Phase 1	- / -	150 / 49.834	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	150 / 49.834
MDSA Phase 2	- / -	- / -	- / -	15 / 52.146	- / -	15 / 52.146	30 / 69.411	38 / 72.101	38 / 71.321	32 / 63.739	- / -	153 / 328.718
Subtotal: Recurring	*- / -*	*- / 49.834*	*- / -*	*- / 52.146*	*- / -*	*- / 52.146*	*- / 69.411*	*- / 72.101*	*- / 71.321*	*- / 63.739*	*- / -*	*- / 378.552*
Subtotal: Sensors	*- / -*	*150 / 65.672*	*- / 12.671*	*15 / 59.091*	*- / -*	*15 / 59.091*	*30 / 74.047*	*38 / 76.857*	*38 / 76.122*	*32 / 69.152*	*- / -*	*303 / 433.612*
Modification Item 16 of 18: Support Elements												
A Kits												
Recurring												
Post Production Organic Support	- / -	- / 8.438	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.438
Subtotal: Recurring	*- / -*	*- / 8.438*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 8.438*
Subtotal: Support Elements	*- / -*	*- / 8.438*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 8.438*
Modification Item 17 of 18: Training Systems												
A Kits												
Recurring												
Operator Devices	- / -	- / 14.980	- / -	- / 12.225	- / -	- / 12.225	- / 2.560	- / 0.800	- / 3.000	- / 2.584	- / -	- / 36.149
Maintainer Devices	- / -	- / 3.706	- / -	- / 6.926	- / -	- / 6.926	- / 2.170	- / 2.680	- / 3.000	- / 2.585	- / -	- / 21.067
TC	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 580.576	- / 580.576
Subtotal: Recurring	*- / -*	*- / 18.686*	*- / -*	*- / 19.151*	*- / -*	*- / 19.151*	*- / 4.730*	*- / 3.480*	*- / 6.000*	*- / 5.169*	*- / 580.576*	*- / 637.792*
Subtotal: Training Systems	*- / -*	*- / 18.686*	*- / -*	*- / 19.151*	*- / -*	*- / 19.151*	*- / 4.730*	*- / 3.480*	*- / 6.000*	*- / 5.169*	*- / 580.576*	*- / 637.792*
Modification Item 18 of 18: Manned / Unmanned Teaming (MUM-T)												
A Kits												
Recurring												
Installation Kits (MUMT-2)	- / -	- / -	- / -	36 / 19.900	- / -	36 / 19.900	23 / 8.852	50 / 18.977	22 / 8.251	79 / 29.845	- / -	210 / 85.825

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications
Models of Systems Affected: Longbow Apache	**Modification Type:** Operational & Reliability Improvements and Resolve Obsolescence Issues	**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)*
Other	- / -	- / -	- / -	- / 7.615	- / -	- / 7.615	- / 2.315	- / 2.844	- / 1.999	- / 4.097	- / -	- / 18.870
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / 27.515*	*- / -*	*- / 27.515*	*- / 11.167*	*- / 21.821*	*- / 10.250*	*- / 33.942*	*- / -*	*- / 104.695*
Non-Recurring												
Installation Kits (MUMT-X)	- / -	- / -	- / -	7 / 42.015	- / -	7 / 42.015	- / -	- / -	- / -	- / -	- / -	7 / 42.015
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / -*	*- / 42.015*	*- / -*	*- / 42.015*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 42.015*
Subtotal: Manned / Unmanned Teaming (MUM-T)	*- / -*	*- / -*	*- / -*	*43 / 69.530*	*- / -*	*43 / 69.530*	*23 / 11.167*	*50 / 21.821*	*22 / 10.250*	*79 / 33.942*	*- / -*	*217 / 146.710*
Subtotal: Procurement, All Modification Items	*2,991 / 6,316.067*	*222 / 127.530*	*8 / 53.559*	*58 / 181.869*	*- / -*	*58 / 181.869*	*53 / 127.873*	*88 / 139.936*	*60 / 127.372*	*111 / 147.515*	*- / 580.576*	*3,591 / 7,802.297*
Installation												
Modification Item 1 of 18: Apache Sensors Life Extension & Upgrade	750 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	750 / -
Modification Item 2 of 18: AH-64A MISC Mods $5M or less (no P3a set)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 3 of 18: Apache Transformation (no P3a set)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 4 of 18: Modernized TADS/PNVS (M-TADS)	542 / 0.000	23 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / -
Modification Item 5 of 18: Video from UAS Interoperability Teaming (VUIT-2)	108 / 0.000	108 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / -
Modification Item 6 of 18: Apache Product Improvements	972 / 23.500	60 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,032 / 23.500
Modification Item 7 of 18: Lightweight Missile Launcher (LWML)	362 / 0.000	160 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	522 / -
Modification Item 8 of 18: Apache Upgrades and Remanufacture	236 / 0.000	23 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / -
Modification Item 9 of 18: Modernized Day Side Assembly (M-DSA), Phase1	0 / 0.000	- / -	62 / -	225 / -	- / -	225 / -	12 / -	- / -	- / -	- / -	- / -	299 / -
Modification Item 10 of 18: Fire Control Radar (FCR)	24 / 0.000	3 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / -
Modification Item 11 of 18: Apache Block III	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 12 of 18: Apache Training Aids, Devices, Simulators & Simul	26 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / -
Modification Item 13 of 18: Airframe	0 / 0.000	- / -	- / -	72 / -	- / -	72 / -	- / -	- / -	16 / -	- / -	- / -	88 / -
Modification Item 14 of 18: Mission Command	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 15 of 18: Sensors	0 / 0.000	- / -	- / -	1 / -	- / -	1 / -	149 / -	19 / -	30 / -	38 / -	- / -	237 / -
Modification Item 16 of 18: Support Elements	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications
Models of Systems Affected: Longbow Apache	**Modification Type:** Operational & Reliability Improvements and Resolve Obsolescence Issues	**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)*
Modification Item 17 of 18: Training Systems	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 18 of 18: Manned / Unmanned Teaming (MUM-T)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	43 / -	23 / -	50 / -	22 / -	79 / -	217 / -
Subtotal: Installation	*3,020 / 23.500*	*377 / -*	*62 / -*	*298 / -*	*- / -*	*298 / -*	*204 / -*	*42 / -*	*96 / -*	*60 / -*	*79 / -*	*4,238 / 23.500*
Total												
Total Cost (Procurement + Support + Installation)	**6,339.567**	**127.530**	**53.559**	**181.869**	**-**	**181.869**	**127.873**	**139.936**	**127.372**	**147.515**	**580.576**	**7,825.797**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 1 of 18: Apache Sensors Life Extension & Upgrade

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 1

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modification

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)*
Prior Years	681 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	681 / 0.000
FY 2013	69 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	69 / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	750 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	750 / -

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	714	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714
Out	714	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	714

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 2 of 18: AH-64A MISC Mods $5M or less (no P3a set)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: NA

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 3 of 18: Apache Transformation (no P3a set)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: NA	Manufacturer Location: NA
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: NA

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 4 of 18: Modernized TADS/PNVS (M-TADS)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Lockheed Martin	Manufacturer Location: Orlando, FL
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 24

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modification

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)*
Prior Years	542 / 0.000	23 / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	565 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	542 / 0.000	23 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / -

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	542	-	-	6	9	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565
Out	542	-	-	6	9	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 5 of 18: Video from UAS Interoperability Teaming (VUIT-2)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Science and Engineering Services, Inc	Manufacturer Location: Huntsville, AL
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: .

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)*
Prior Years	108 / 0.000	108 / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	216 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	108 / 0.000	108 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	216 / -

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	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	240
Out	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	240

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 6 of 18: Apache Product Improvements

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: .

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)*
Prior Years	772 / 19.200	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	772 / 19.200
FY 2013	100 / 1.800	60 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	160 / 1.800
FY 2014	100 / 2.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	100 / 2.500
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	972 / 23.500	60 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,032 / 23.500

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	972	15	15	15	15	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,042
Out	972	15	15	15	15	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,042

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 7 of 18: Lightweight Missile Launcher (LWML)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Lockheed Martin	Manufacturer Location: Orlando, FL
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modification

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)*
Prior Years	362 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	362 / 0.000
FY 2013	0 / 0.000	160 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	160 / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	362 / 0.000	160 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	522 / -

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	522	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	522
Out	362	40	40	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	522

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 8 of 18: Apache Upgrades and Remanufacture

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Mesa, AZ
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Remanufacture

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)*
Prior Years	236 / 0.000	23 / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	259 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	236 / 0.000	23 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	259 / -

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	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212
Out	189	5	6	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	212

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 9 of 18: Modernized Day Side Assembly (M-DSA), Phase1

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Lockheed Martin	Manufacturer Location: Orlando, FL
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 30

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Sep 2011						
Delivery Dates	Mar 2013						

Installation Information

Method of Implementation: Modification

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)*
Prior Years	0 / 0.000	- / 0.000	62 / 0.000	225 / 0.000	- / -	225 / 0.000	12 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	299 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	62 / -	225 / -	- / -	225 / -	12 / -	- / -	- / -	- / -	- / -	299 / -

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	-	-	1	6	10	26	45	52	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158
Out	-	-	-	-	17	26	45	52	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 10 of 18: Fire Control Radar (FCR)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Longbow Limited	Manufacturer Location: Orlando, FL and Baltimore, MD
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 24

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Jan 2012						
Delivery Dates	Jan 2014						

Installation Information

Method of Implementation: Modification

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)*
Prior Years	24 / 0.000	3 / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	27 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	24 / 0.000	3 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / -

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	24	-	-	2	1	-	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36
Out	24	-	-	2	1	-	5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 11 of 18: Apache Block III

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: .	Manufacturer Location: .
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: .

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 12 of 18: Apache Training Aids, Devices, Simulators & Simul

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: .	Manufacturer Location: .
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: .

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)*
Prior Years	26 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	26 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	26 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 13 of 18: Airframe

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modifications

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	72 / -	- / -	72 / -	- / -	- / -	- / -	- / -	- / -	72 / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / -	- / -	- / -	16 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	72 / -	- / -	72 / -	- / -	- / -	16 / -	- / -	- / -	88 / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 14 of 18: Mission Command

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: .

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 15 of 18: Sensors

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Lockheed Martin	Manufacturer Location: Orlando, FL
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modifications

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	1 / -	- / -	1 / -	149 / -	- / -	- / -	- / -	- / -	150 / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	19 / -	- / -	- / -	- / -	19 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / -	- / -	- / -	30 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	38 / -	- / -	38 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	1 / -	- / -	1 / -	149 / -	19 / -	30 / -	38 / -	- / -	237 / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 16 of 18: Support Elements

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: .

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 17 of 18: Training Systems

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing / LSI Inc	Manufacturer Location: St. Louis, MO / Jacksonville, FL
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Field Retrofits

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA6605 / AH-64 MODS	**Modification Number / Title:** AA6606 / AH-64 Modifications

Modification Item 18 of 18: Manned / Unmanned Teaming (MUM-T)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: TBD

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	43 / -	- / -	- / -	- / -	- / -	43 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	23 / -	- / -	- / -	- / -	23 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / -	- / -	- / -	50 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / -	- / -	22 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / -	79 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	43 / -	23 / -	50 / -	22 / -	79 / -	217 / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0203744A

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)*	9,444.290	90.487	149.764	32.092	-	32.092	147.856	164.074	503.948	91.142	2,325.407	12,949.060
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	9,444.290	90.487	149.764	32.092	-	32.092	147.856	164.074	503.948	91.142	2,325.407	12,949.060
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**9,444.290**	**90.487**	**149.764**	**32.092**	**-**	**32.092**	**147.856**	**164.074**	**503.948**	**91.142**	**2,325.407**	**12,949.060**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The CH-47 Chinook is a twin-turbine, tandem-rotor, heavy lift transport helicopter with a useful load of up to 25,000 pounds. As the Army's only heavy lift helicopter, the mission of the CH-47 is to transport troops (including air assault), supplies, weapons and other cargo in general support operations. The CH-47 is vital to the Overseas Contingency Operations and Homeland Security needs of our nation. Secondary missions include medical evacuation, aircraft recovery, parachute drops, disaster relief and search and rescue. These aircraft are fielded to heavy helicopter companies and Special Operations Aviation. The major modifications include the Cargo On/Off Loading System, Ballistic Protection System, Rotor Blades, Airframe Optimization and Payload Buyback, Crashworthy Seats, Cargo Platform Health Environment, Adjustable Pitch Change Link, Engine Improvement, Transformation Sets, Kits and Outfits, Aircraft Component Parts-Marking and Hook Load Measurement System.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	90.487	149.764	32.092	-	32.092	147.856	164.074	503.948	91.142
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**90.487**	**149.764**	**32.092**	**-**	**32.092**	**147.856**	**164.074**	**503.948**	**91.142**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0203744A

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0252 / CH-47 Cargo Helicopter Mods	P-3a		-	-	9,444.290	-	-	90.487	-	-	149.764	-	-	32.092	-	-	-	-	-	32.092
Total Gross/Weapon System Cost			**-**	**-**	**9,444.290**	**-**	**-**	**90.487**	**-**	**-**	**149.764**	**-**	**-**	**32.092**	**-**	**-**	**-**	**-**	**-**	**32.092**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0252 / CH-47 Cargo Helicopter Mods	P-3a		-	-	147.856	-	-	164.074	-	-	503.948	-	-	91.142	-	-	2,325.407	-	-	12,949.060
Total Gross/Weapon System Cost			**-**	**-**	**147.856**	**-**	**-**	**164.074**	**-**	**-**	**503.948**	**-**	**-**	**91.142**	**-**	**-**	**2,325.407**	**-**	**-**	**12,949.060**

*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:

In accordance with Section 1815 of the 2009 National Defense Authorization Act (P.L 110-181), this item is necessary for use by the Active and Reserve Components of Armed Forces for homeland and defense missions, domestic emergency responses and providing military support to civil authorities.

The FY 15 Base procurement dollars in the amount of $32.092 million support the major modifications that include the Cargo On/Off Loading System, Ballistic Protection Systems, Rotor Blades, Airframe Optimization and Payload Buyback, Crashworthy Seats, Cargo Platform Health Environment, Adjustable Pitch Change Link, Engine Improvement, Transformation Sets, Kits and Outfits, Aircraft Component Parts-Marking and Hook Load Measurement System.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

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)*	9,444.290	90.487	149.764	32.092	-	32.092	147.856	164.074	503.948	91.142	2,325.407	12,949.060
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	9,444.290	90.487	149.764	32.092	-	32.092	147.856	164.074	503.948	91.142	2,325.407	12,949.060
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**9,444.290**	**90.487**	**149.764**	**32.092**	**-**	**32.092**	**147.856**	**164.074**	**503.948**	**91.142**	**2,325.407**	**12,949.060**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The major modifications include Cargo On/Off Loading System, Ballistic Protections Systems, Rotor Blades, Airframe Optimization and Payload Buyback, Crashworthy Seats, Cargo Platform Health Environment, Adjustable Pitch Change Link, Engine Improvement, Transformation Sets, Kits and Outfits, Aircraft Component Parts-Marking and Hook Load Measurement System.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	90.487	149.764	32.092	-	32.092	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**90.487**	**149.764**	**32.092**	**-**	**32.092**	**147.856**	**164.074**	**503.948**	**91.142**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods
Models of Systems Affected: CH-47	**Modification Type:** Unclassified	**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 21: Cargo On/Off Loading System (COOLS) and COOLS BPS												
A Kits												
Recurring												
Cargo Handling Floor System	0 / 33.100	204 / 59.477	50 / 14.857	4 / 1.211	- / -	4 / 1.211	10 / 3.086	10 / 3.144	20 / 6.408	- / -	- / -	298 / 121.283
Ballistic Protection System (BPS)	74 / 10.700	22 / 5.124	50 / 11.886	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	146 / 27.710
PM Support	0 / 0.607	- / 3.332	- / 1.337	- / 0.061	- / -	- / 0.061	- / 0.154	- / 0.156	- / 0.319	- / -	- / -	- / 5.966
Cargo Handling Floor System (OCO)	26 / 29.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 29.300
PM Support (OCO)	0 / 8.010	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.010
Subtotal: Recurring	*- / 81.717*	*- / 67.933*	*- / 28.080*	*- / 1.272*	*- / -*	*- / 1.272*	*- / 3.240*	*- / 3.300*	*- / 6.727*	*- / -*	*- / -*	*- / 192.269*
Subtotal: Cargo On/Off Loading System (COOLS) and COOLS BPS	*100 / 81.717*	*226 / 67.933*	*100 / 28.080*	*4 / 1.272*	*- / -*	*4 / 1.272*	*10 / 3.240*	*10 / 3.300*	*20 / 6.727*	*- / -*	*- / -*	*470 / 192.269*
Modification Item 2 of 21: Advanced Chinook Rotor Blade (ACRB)												
A Kits												
Recurring												
Rotor Blades	- / -	- / -	- / -	- / -	- / -	- / -	- / -	58 / 19.985	460 / 162.914	86 / 31.128	3,081 / 996.477	3,685 / 1,210.504
PM Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.999	- / 8.133	- / 1.985	- / 49.824	- / 60.941
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 20.984*	*- / 171.047*	*- / 33.113*	*- / 1,046.301*	*- / 1,271.445*
Subtotal: Advanced Chinook Rotor Blade (ACRB)	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*58 / 20.984*	*460 / 171.047*	*86 / 33.113*	*3,081 / 1,046.301*	*3,685 / 1,271.445*
Modification Item 3 of 21: Airframe Optimization and Payload Buyback												
A Kits												
Recurring												
PM Support	- / -	- / -	- / 2.847	- / 0.421	- / -	- / 0.421	- / 3.554	- / 3.625	- / 10.498	- / 1.648	- / 52.100	- / 74.693
Subtotal: Recurring	*- / -*	*- / -*	*- / 2.847*	*- / 0.421*	*- / -*	*- / 0.421*	*- / 3.554*	*- / 3.625*	*- / 10.498*	*- / 1.648*	*- / 52.100*	*- / 74.693*
Non-Recurring												
NRE	- / -	- / -	- / 56.944	- / 8.430	- / -	- / 8.430	- / 71.070	- / 72.496	- / 209.961	- / 33.388	- / 1,042.008	- / 1,494.297
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / 56.944*	*- / 8.430*	*- / -*	*- / 8.430*	*- / 71.070*	*- / 72.496*	*- / 209.961*	*- / 33.388*	*- / 1,042.008*	*- / 1,494.297*
Subtotal: Airframe Optimization and Payload Buyback	*- / -*	*- / -*	*- / 59.791*	*- / 8.851*	*- / -*	*- / 8.851*	*- / 74.624*	*- / 76.121*	*- / 220.459*	*- / 35.036*	*- / 1,094.108*	*- / 1,568.990*

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods
Models of Systems Affected: CH-47	**Modification Type:** Unclassified	**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)*
Modification Item 4 of 21: Crash Resistant Troop Seats (CRTS)												
A Kits												
Recurring												
Installation Kits	- / -	- / -	- / -	16 / 0.053	- / -	16 / 0.053	250 / 0.842	226 / 0.775	- / -	- / -	- / -	492 / 1.670
PM Support	- / -	- / -	- / -	- / 0.052	- / -	- / 0.052	- / 0.805	- / 0.746	- / -	- / -	- / -	- / 1.603
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / 0.105*	*- / -*	*- / 0.105*	*- / 1.647*	*- / 1.521*	*- / -*	*- / -*	*- / -*	*- / 3.273*
B Kits												
Recurring												
Seats SS (31 seats per SS)	- / -	- / -	- / -	16 / 0.951	- / -	16 / 0.951	250 / 15.147	226 / 13.953	- / -	- / -	- / -	492 / 30.051
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / 0.951*	*- / -*	*- / 0.951*	*- / 15.147*	*- / 13.953*	*- / -*	*- / -*	*- / -*	*- / 30.051*
Subtotal: Crash Resistant Troop Seats (CRTS)	*- / -*	*- / -*	*- / -*	*32 / 1.056*	*- / -*	*32 / 1.056*	*500 / 16.794*	*452 / 15.474*	*- / -*	*- / -*	*- / -*	*984 / 33.324*
Modification Item 5 of 21: Cargo Platform Health Environment (CPHE)												
A Kits												
Recurring												
Kits to include Spares	- / -	- / -	115 / 22.559	8 / 1.569	- / -	8 / 1.569	17 / 3.335	9 / 1.766	52 / 10.201	- / -	- / -	201 / 39.430
CPHE Software Upgrade	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.168	- / 0.171	- / 0.175	- / -	- / -	- / 0.514
Services	- / -	- / 14.037	- / 0.057	- / 0.342	- / -	- / 0.342	- / 0.342	- / 0.342	- / -	- / -	- / -	- / 15.120
PM Support	- / -	- / 0.702	- / 1.131	- / 0.096	- / -	- / 0.096	- / 0.192	- / 0.114	- / 0.532	- / -	- / -	- / 2.767
Subtotal: Recurring	*- / -*	*- / 14.739*	*- / 23.747*	*- / 2.007*	*- / -*	*- / 2.007*	*- / 4.037*	*- / 2.393*	*- / 10.908*	*- / -*	*- / -*	*- / 57.831*
Subtotal: Cargo Platform Health Environment (CPHE)	*- / -*	*- / 14.739*	*115 / 23.747*	*8 / 2.007*	*- / -*	*8 / 2.007*	*17 / 4.037*	*9 / 2.393*	*52 / 10.908*	*- / -*	*- / -*	*201 / 57.831*
Modification Item 6 of 21: Adjustable Pitch Change Link												
A Kits												
Recurring												
PM Support	- / -	- / -	- / 0.279	- / 0.040	- / -	- / 0.040	- / 0.485	- / 0.494	- / 0.769	- / 0.085	- / 0.128	- / 2.280
Subtotal: Recurring	*- / -*	*- / -*	*- / 0.279*	*- / 0.040*	*- / -*	*- / 0.040*	*- / 0.485*	*- / 0.494*	*- / 0.769*	*- / 0.085*	*- / 0.128*	*- / 2.280*
Non-Recurring												
NRE	0 / 4.900	- / -	- / 5.575	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.475
Pitch Change Links	- / -	- / -	- / -	10 / 0.793	- / -	10 / 0.793	120 / 9.694	120 / 9.878	180 / 15.098	20 / 1.710	30 / 2.564	480 / 39.737
Subtotal: Non-Recurring	*- / 4.900*	*- / -*	*- / 5.575*	*- / 0.793*	*- / -*	*- / 0.793*	*- / 9.694*	*- / 9.878*	*- / 15.098*	*- / 1.710*	*- / 2.564*	*- / 50.212*
Subtotal: Adjustable Pitch Change Link	*0 / 4.900*	*- / -*	*- / 5.854*	*10 / 0.833*	*- / -*	*10 / 0.833*	*120 / 10.179*	*120 / 10.372*	*180 / 15.867*	*20 / 1.795*	*30 / 2.692*	*480 / 52.492*
Modification Item 7 of 21: Engine Improvement												

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods
Models of Systems Affected: CH-47	**Modification Type:** Unclassified	**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)*
A Kits												
Recurring												
T55 Engine Control Unit Prog (ECU)	667 / 45.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	667 / 45.000
New Engines	1,250 / 2,495.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,250 / 2,495.000
P3 Check Valve	373 / 4.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	373 / 4.900
Next Generation Torque System	404 / 14.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	404 / 14.500
Logistics	0 / 39.953	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 39.953
Ratio Detector Power Supply (RDPS)	- / -	- / -	- / 0.700	- / -	- / -	- / -	75 / 0.842	95 / 1.086	100 / 1.165	- / -	- / -	270 / 3.793
ECU Upgrade	0 / 0.700	- / -	- / 1.039	- / 0.782	- / -	- / 0.782	- / 1.300	- / 1.064	- / 0.574	- / -	- / -	- / 5.459
RIMFIRE	- / -	- / 0.450	- / 0.428	- / 0.440	- / -	- / 0.440	- / 0.449	- / 0.457	- / 0.466	- / 0.475	- / 5.961	- / 9.126
Chinook Cabin Information Panel	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.124	- / -	- / 5.985	- / -	- / -	- / 12.109
PM Admin Support	0 / 4.200	- / 0.023	- / 0.121	- / 0.076	- / -	- / 0.076	- / 0.453	- / 0.154	- / 0.410	- / 0.024	- / 0.298	- / 5.759
Subtotal: Recurring	*- / 2,604.253*	*- / 0.473*	*- / 2.288*	*- / 1.298*	*- / -*	*- / 1.298*	*- / 9.168*	*- / 2.761*	*- / 8.600*	*- / 0.499*	*- / 6.259*	*- / 2,635.599*
Non-Recurring												
ECP NRE/Incorporation	- / -	- / -	- / 0.250	- / 0.275	- / -	- / 0.275	- / 0.370	- / 0.457	- / -	- / -	- / -	- / 1.352
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / 0.250*	*- / 0.275*	*- / -*	*- / 0.275*	*- / 0.370*	*- / 0.457*	*- / -*	*- / -*	*- / -*	*- / 1.352*
Subtotal: Engine Improvement	*2,694 / 2,604.253*	*- / 0.473*	*- / 2.538*	*- / 1.573*	*- / -*	*- / 1.573*	*75 / 9.538*	*95 / 3.218*	*100 / 8.600*	*- / 0.499*	*- / 6.259*	*2,964 / 2,636.951*
Modification Item 8 of 21: Aircraft Component Parts-Marking (UID)												
A Kits												
Non-Recurring												
Component Markings	0 / 21.000	- / 1.300	- / 2.900	- / 1.401	- / -	- / 1.401	- / 1.501	- / 1.801	- / 3.200	- / 3.741	- / 7.685	- / 44.529
Subtotal: Non-Recurring	*- / 21.000*	*- / 1.300*	*- / 2.900*	*- / 1.401*	*- / -*	*- / 1.401*	*- / 1.501*	*- / 1.801*	*- / 3.200*	*- / 3.741*	*- / 7.685*	*- / 44.529*
Subtotal: Aircraft Component Parts-Marking (UID)	*0 / 21.000*	*- / 1.300*	*- / 2.900*	*- / 1.401*	*- / -*	*- / 1.401*	*- / 1.501*	*- / 1.801*	*- / 3.200*	*- / 3.741*	*- / 7.685*	*- / 44.529*
Modification Item 9 of 21: CH-47 Safety Mods $5M or Less												
A Kits												
Recurring												
Voltage Standing Wave Ratio (VSWR)	- / -	- / -	- / 2.195	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.195
FACTS (FADEC & Aircraft Continuity Test	- / -	- / 0.515	- / 1.500	- / -	- / -	- / -	- / 2.104	- / 2.287	- / 2.000	- / -	- / -	- / 8.406
Ground Spt Test Sets	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.299	- / 4.586	- / 1.003	- / -	- / 6.888
Misc Mods	0 / 10.000	- / 2.719	- / 2.241	- / -	- / -	- / -	- / -	- / 0.717	- / 0.417	- / 0.580	- / -	- / 16.674
Swashplate Assembly	- / -	- / -	- / 1.251	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.251

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods
Models of Systems Affected: CH-47	**Modification Type:** Unclassified	**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)*
Hook Load Measuring System	0 / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.000
Night Vision Goggle Internal Lighting	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.600	- / 1.500	- / 1.507	- / 19.494	- / 25.101
Engine Air Particle Separator (EAPS)	0 / 10.000	- / -	- / 1.948	- / 1.000	- / -	- / 1.000	- / 4.157	- / 3.220	- / 2.600	- / -	- / -	- / 22.925
Weapon Sys Spec Data Collection	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / 0.400	- / 0.468	- / 2.013	- / 3.381
PM Support	0 / 10.200	- / 0.162	- / 0.457	- / 0.050	- / -	- / 0.050	- / 0.313	- / 0.495	- / 0.575	- / 0.178	- / 1.075	- / 13.505
Frangible Fuel Fitting	0 / 10.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.000
Subtotal: Recurring	*- / 50.200*	*- / 3.396*	*- / 9.592*	*- / 1.050*	*- / -*	*- / 1.050*	*- / 6.574*	*- / 11.118*	*- / 12.078*	*- / 3.736*	*- / 22.582*	*- / 120.326*
Subtotal: CH-47 Safety Mods $5M or Less	*0 / 50.200*	*- / 3.396*	*- / 9.592*	*- / 1.050*	*- / -*	*- / 1.050*	*- / 6.574*	*- / 11.118*	*- / 12.078*	*- / 3.736*	*- / 22.582*	*- / 120.326*
Modification Item 10 of 21: Improved Vibration Control System (IVCS)												
A Kits												
Recurring												
Kits	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 5.076	138 / 29.742	31 / 6.809	357 / 78.082	550 / 119.709
PM Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.254	- / 1.489	- / 0.352	- / 4.054	- / 6.149
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 5.330*	*- / 31.231*	*- / 7.161*	*- / 82.136*	*- / 125.858*
Subtotal: Improved Vibration Control System (IVCS)	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*24 / 5.330*	*138 / 31.231*	*31 / 7.161*	*357 / 82.136*	*550 / 125.858*
Modification Item 11 of 21: Training Aids Devices Simulators and Simulations												
A Kits												
Recurring												
TADSS	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.600	- / 3.500	- / 26.417	- / 33.517
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 3.600*	*- / 3.500*	*- / 26.417*	*- / 33.517*
Subtotal: Training Aids Devices Simulators and Simulations	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 3.600*	*- / 3.500*	*- / 26.417*	*- / 33.517*
Modification Item 12 of 21: Transformation Sets, Kits and Outfits (SKO)												
A Kits												
Recurring												
SKOs	29 / 76.900	- / 1.000	- / 2.796	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 80.696
Subtotal: Recurring	*- / 76.900*	*- / 1.000*	*- / 2.796*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 80.696*
Subtotal: Transformation Sets, Kits and Outfits (SKO)	*29 / 76.900*	*- / 1.000*	*- / 2.796*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*29 / 80.696*
Modification Item 13 of 21: Crashworthy Pilot Seats												
A Kits												
Recurring												

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods
Models of Systems Affected: CH-47	**Modification Type:** Unclassified	**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)*
Kits	- / -	- / -	- / -	- / -	- / -	- / -	60 / 2.827	56 / 2.689	196 / 9.590	30 / 1.496	244 / 11.166	586 / 27.768
PM Support	- / -	- / -	- / 0.269	- / -	- / -	- / -	- / 0.141	- / 0.148	- / 0.508	- / 0.120	- / 0.703	- / 1.889
Subtotal: Recurring	*- / -*	*- / -*	*- / 0.269*	*- / -*	*- / -*	*- / -*	*- / 2.968*	*- / 2.837*	*- / 10.098*	*- / 1.616*	*- / 11.869*	*- / 29.657*
Non-Recurring												
Crashworthy Pilot Seats	- / -	- / -	- / 5.389	- / -	- / -	- / -	- / 3.545	- / -	- / -	- / -	- / -	- / 8.934
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / 5.389*	*- / -*	*- / -*	*- / -*	*- / 3.545*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 8.934*
Subtotal: Crashworthy Pilot Seats	*- / -*	*- / -*	*- / 5.658*	*- / -*	*- / -*	*- / -*	*60 / 6.513*	*56 / 2.837*	*196 / 10.098*	*30 / 1.616*	*244 / 11.869*	*586 / 38.591*
Modification Item 14 of 21: Engine Filtration System												
A Kits												
Recurring												
B Kit Quantity	103 / 33.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	103 / 33.400
A Kits	337 / 3.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	337 / 3.800
PM Support	0 / 1.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.800
Subtotal: Recurring	*- / 39.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 39.000*
Non-Recurring												
Logistics	0 / 3.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.100
Subtotal: Non-Recurring	*- / 3.100*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 3.100*
Subtotal: Engine Filtration System	*440 / 42.100*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*440 / 42.100*
Modification Item 15 of 21: Maintenance Training Devices (MTD)												
A Kits												
Recurring												
MTD Upgrades	14 / 26.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.739	14 / 49.939
Engineering Support	0 / 10.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.800
Logistics	0 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.200
Subtotal: Recurring	*- / 38.200*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 23.739*	*- / 61.939*
Subtotal: Maintenance Training Devices (MTD)	*14 / 38.200*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 23.739*	*14 / 61.939*
Modification Item 16 of 21: Enhanced M24 Window/ Door Gun Mount												
A Kits												
Recurring												
Door Gunner Mount B Kits	540 / 14.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	540 / 14.100
PM Support	0 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200
Subtotal: Recurring	*- / 14.300*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 14.300*

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: AA0252 / CH-47 Cargo Helicopter Mods (MYP)	Modification Number / Title: AA0252 / CH-47 Cargo Helicopter Mods
Models of Systems Affected: CH-47	Modification Type: Unclassified	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)*
Subtotal: Enhanced M24 Window/Door Gun Mount	*540 / 14.300*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*540 / 14.300*
Modification Item 17 of 21: CH47D to F Conversion												
A Kits												
Recurring												
Recurring Production (Suppl)	28 / 846.655	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 846.655
Recurring Production (Mods)	148 / 2,942.748	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	148 / 2,942.748
Recurring Production (New Build)	6 / 177.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 177.500
Recurring (New Build NG)	4 / 120.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 120.000
Omnibus	1 / 30.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 30.000
Other Flyaway	0 / 392.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 392.500
Other Support	0 / 199.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 199.200
Training	0 / 149.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 149.100
Support Equipment	0 / 21.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 21.300
Subtotal: Recurring	*- / 4,879.003*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 4,879.003*
Subtotal: CH47D to F Conversion	*187 / 4,879.003*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*187 / 4,879.003*
Modification Item 18 of 21: AVCATT												
A Kits												
Recurring												
AVCATT Upgrades	17 / 17.685	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 17.685
Engineering Support	0 / 2.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.600
Logistics	0 / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200
Subtotal: Recurring	*- / 20.485*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 20.485*
Subtotal: AVCATT	*17 / 20.485*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*17 / 20.485*
Modification Item 19 of 21: New Equipment Training (NET)												
A Kits												
Recurring												
NET Operations	0 / 13.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.900
Interim Contractor Support	0 / 23.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.000
Subtotal: Recurring	*- / 36.900*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 36.900*
Subtotal: New Equipment Training (NET)	*0 / 36.900*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 36.900*
Modification Item 20 of 21: Special Operations Aircraft Commonality												

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods
Models of Systems Affected: CH-47	**Modification Type:** Unclassified	**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)*
A Kits												
Recurring												
Equipment	1 / 8.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.900
Subtotal: Recurring	*- / 8.900*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 8.900*
Subtotal: Special Operations Aircraft Commonality	*1 / 8.900*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*1 / 8.900*
Modification Item 21 of 21: Duplicate of Engine Improvement Program												
A Kits												
Recurring												
PM Support	0 / 1,554.032	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,554.032
Subtotal: Recurring	*- / 1,554.032*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1,554.032*
Subtotal: Duplicate of Engine Improvement Program	*0 / 1,554.032*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1,554.032*
Subtotal: Procurement, All Modification Items	*4,022 / 9,432.890*	*226 / 88.841*	*215 / 140.956*	*54 / 18.043*	*- / -*	*54 / 18.043*	*782 / 133.000*	*824 / 152.948*	*1,146 / 493.815*	*167 / 90.197*	*3,712 / 2,323.788*	*11,148 / 12,874.478*
Installation												
Modification Item 1 of 21: Cargo On/Off Loading System (COOLS) and COOLS BPS	24 / 6.400	22 / 1.646	68 / 5.143	72 / 5.550	- / -	72 / 5.550	74 / 5.812	32 / 2.561	- / -	- / -	- / -	292 / 27.112
Modification Item 2 of 21: Advanced Chinook Rotor Blade (ACRB)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 3 of 21: Airframe Optimization and Payload Buyback	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 4 of 21: Crash Resistant Troop Seats (CRTS)	0 / 0.000	- / -	- / -	16 / 0.095	- / -	16 / 0.095	158 / 0.957	158 / 0.974	160 / 1.007	- / -	- / -	492 / 3.033
Modification Item 5 of 21: Cargo Platform Health Environment (CPHE)	0 / 0.000	- / -	32 / 3.665	72 / 8.404	- / -	72 / 8.404	68 / 8.087	61 / 7.393	72 / 8.891	- / -	- / -	305 / 36.440
Modification Item 6 of 21: Adjustable Pitch Change Link	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 7 of 21: Engine Improvement	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 8 of 21: Aircraft Component Parts-Marking (UID)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 9 of 21: CH-47 Safety Mods $5M or Less	35 / 3.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 3.300
Modification Item 10 of 21: Improved Vibration Control System (IVCS)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.047	138 / 0.275	388 / 0.682	550 / 1.004

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods
Models of Systems Affected: CH-47	**Modification Type:** Unclassified	**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)*
Modification Item 11 of 21: Training Aids Devices Simulators and Simulations	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 12 of 21: Transformation Sets, Kits and Outfits (SKO)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 13 of 21: Crashworthy Pilot Seats	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	60 / 0.198	56 / 0.188	196 / 0.670	274 / 0.937	586 / 1.993
Modification Item 14 of 21: Engine Filtration System	337 / 1.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	337 / 1.700
Modification Item 15 of 21: Maintenance Training Devices (MTD)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 16 of 21: Enhanced M24 Window/Door Gun Mount	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 17 of 21: CH47D to F Conversion	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 18 of 21: AVCATT	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 19 of 21: New Equipment Training (NET)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 20 of 21: Special Operations Aircraft Commonality	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 21 of 21: Duplicate of Engine Improvement Program	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal: Installation	*396 / 11.400*	*22 / 1.646*	*100 / 8.808*	*160 / 14.049*	*- / -*	*160 / 14.049*	*300 / 14.856*	*311 / 11.126*	*312 / 10.133*	*334 / 0.945*	*662 / 1.619*	*2,597 / 74.582*
Total												
Total Cost (Procurement + Support + Installation)	**9,444.290**	**90.487**	**149.764**	**32.092**	**-**	**32.092**	**147.856**	**164.074**	**503.948**	**91.142**	**2,325.407**	**12,949.060**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 1 of 21: Cargo On/Off Loading System (COOLS) and COOLS BPS

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ridley Park, PA
Administrative Leadtime *(in Months)*: 5	Production Leadtime *(in Months)*: 5

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Mar 2014	May 2014	Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates	Aug 2014	Oct 2014	May 2015	May 2016	May 2017	May 2018	May 2019

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 3.200	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 3.200
FY 2013	24 / 3.200	22 / 1.646	68 / 5.143	72 / 5.550	- / -	72 / 5.550	42 / 3.299	- / -	- / -	- / -	- / -	228 / 18.838
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	32 / 2.513	18 / 1.441	- / -	- / -	- / -	50 / 3.954
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.320	- / -	- / -	- / -	4 / 0.320
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.800	- / -	- / -	- / -	10 / 0.800
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	24 / 6.400	22 / 1.646	68 / 5.143	72 / 5.550	- / -	72 / 5.550	74 / 5.812	32 / 2.561	- / -	- / -	- / -	292 / 27.112

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	24	-	-	-	22	17	17	17	17	18	18	18	18	18	18	19	19	8	8	8	8	-	-	-	-	-	-	-	-	-	292
Out	24	-	-	-	22	17	17	17	17	18	18	18	18	18	18	19	19	8	8	8	8	-	-	-	-	-	-	-	-	-	292

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 2 of 21: Advanced Chinook Rotor Blade (ACRB)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ridley Park, PA
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates					Mar 2017	Mar 2018	Mar 2019
Delivery Dates					Sep 2017	Sep 2018	Sep 2019

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 3 of 21: Airframe Optimization and Payload Buyback

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 4 of 21: Crash Resistant Troop Seats (CRTS)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ridley Park, PA
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*: 2

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Jan 2015	Dec 2015	Dec 2016	Oct 2015	Oct 2017
Delivery Dates			Mar 2015	Feb 2016	Feb 2017	Dec 2017	Dec 2017

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	16 / 0.095	- / -	16 / 0.095	- / -	- / -	- / -	- / -	- / -	16 / 0.095
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	158 / 0.957	92 / 0.567	- / -	- / -	- / -	250 / 1.524
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	66 / 0.407	50 / 0.315	- / -	- / -	116 / 0.722
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	110 / 0.692	- / -	- / -	110 / 0.692
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	16 / 0.095	- / -	16 / 0.095	158 / 0.957	158 / 0.974	160 / 1.007	- / -	- / -	492 / 3.033

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	-	-	-	-	-	-	-	-	-	-	-	8	8	-	52	52	54	-	52	52	54	-	52	52	56	-	-	-	-	-	492
Out	-	-	-	-	-	-	-	-	-	-	-	8	8	-	52	52	54	-	52	52	54	-	52	52	56	-	-	-	-	-	492

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 5 of 21: Cargo Platform Health Environment (CPHE)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ridley Park, PA
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		May 2014	May 2015	Nov 2015	Nov 2016	Nov 2017	
Delivery Dates		Nov 2014	Nov 2015	May 2016	May 2017	May 2018	

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	32 / 3.665	72 / 8.404	- / -	72 / 8.404	43 / 5.114	52 / 6.302	20 / 2.470	- / -	- / -	219 / 25.955
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	8 / 0.951	- / -	- / -	- / -	- / -	8 / 0.951
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	17 / 2.022	- / -	- / -	- / -	- / -	17 / 2.022
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	9 / 1.091	- / -	- / -	- / -	9 / 1.091
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	52 / 6.421	- / -	- / -	52 / 6.421
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	32 / 3.665	72 / 8.404	- / -	72 / 8.404	68 / 8.087	61 / 7.393	72 / 8.891	- / -	- / -	305 / 36.440

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	-	-	-	-	-	8	8	8	8	18	18	18	18	17	17	17	17	15	15	15	16	18	18	18	18	-	-	-	-	-	305
Out	-	-	-	-	-	8	8	8	8	18	18	18	18	17	17	17	17	15	15	15	16	18	18	18	18	-	-	-	-	-	305

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 6 of 21: Adjustable Pitch Change Link

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ridley Park, PA
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Jul 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018	Mar 2019
Delivery Dates		Jan 2015	Sep 2015	Sep 2016	Sep 2017	Sep 2018	Sep 2019

Installation Information

Method of Implementation: User Installed

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 7 of 21: Engine Improvement

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Honeywell Inc	Manufacturer Location: Phoenix, AZ
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 8 of 21: Aircraft Component Parts-Marking (UID)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 9 of 21: CH-47 Safety Mods $5M or Less

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	35 / 2.300	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	35 / 2.300
FY 2013	0 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	35 / 3.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 3.300

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	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
Out	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 10 of 21: Improved Vibration Control System (IVCS)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates					Oct 2016	Oct 2017	Oct 2018
Delivery Dates					Oct 2017	Oct 2018	Oct 2019

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.047	- / -	- / -	24 / 0.047
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	138 / 0.275	- / -	138 / 0.275
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	31 / 0.062	31 / 0.062
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	357 / 0.620	357 / 0.620
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 0.047	138 / 0.275	388 / 0.682	550 / 1.004

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	34	34	34	36	388	550
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	34	34	34	36	388	550

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 11 of 21: Training Aids Devices Simulators and Simulations

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates						Mar 2018	Mar 2019
Delivery Dates						Mar 2019	Mar 2020

Installation Information

Method of Implementation: ??

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 12 of 21: Transformation Sets, Kits and Outfits (SKO)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 13 of 21: Crashworthy Pilot Seats

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 10

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates				Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates				Oct 2016	Oct 2017	Oct 2018	Oct 2019

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	60 / 0.198	- / -	- / -	- / -	60 / 0.198
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	56 / 0.188	- / -	- / -	56 / 0.188
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	196 / 0.670	- / -	196 / 0.670
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 0.103	30 / 0.103
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	244 / 0.834	244 / 0.834
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	60 / 0.198	56 / 0.188	196 / 0.670	274 / 0.937	586 / 1.993

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	14	14	14	14	49	49	49	49	274	586
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	14	14	14	14	49	49	49	49	274	586

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 14 of 21: Engine Filtration System

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	337 / 1.700	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	337 / 1.700
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	337 / 1.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	337 / 1.700

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337
Out	337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	337

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 15 of 21: Maintenance Training Devices (MTD)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Jan 2012						
Delivery Dates	Jan 2013						

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 16 of 21: Enhanced M24 Window/Door Gun Mount

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 5

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Oct 2012						
Delivery Dates	Mar 2013						

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 17 of 21: CH47D to F Conversion

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: VARIOUS

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 18 of 21: AVCATT

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: PEO STRICOM	Manufacturer Location: Orlando, FL
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 19 of 21: New Equipment Training (NET)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 20 of 21: Special Operations Aircraft Commonality

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Boeing	Manufacturer Location: Ridley Park, PA
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods (MYP)	**Modification Number / Title:** AA0252 / CH-47 Cargo Helicopter Mods

Modification Item 21 of 21: Duplicate of Engine Improvement Program

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0270 / Utility/Cargo Airplane Mods

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	204	23	9	17	-	17	20	18	20	10	-	321
Gross/Weapon System Cost *($ in Millions)*	219.072	23.048	11.500	15.029	-	15.029	16.486	17.721	16.598	16.709	-	336.163
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	219.072	23.048	11.500	15.029	-	15.029	16.486	17.721	16.598	16.709	-	336.163
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**219.072**	**23.048**	**11.500**	**15.029**	**-**	**15.029**	**16.486**	**17.721**	**16.598**	**16.709**	**-**	**336.163**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	1,073.882	1,002.087	1,277.778	884.059	-	884.059	824.300	984.500	829.900	1,670.900	-	1,047.237

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

Description:

The budget line supports the updates and modernization of Army fixed wing aircraft communication, navigation, surveillance, survivability equipment, and Department of Defense (DoD) mandated safety equipment to current and evolving international and Army standards. The budget line provides for the procurement of replacement and spare engines for fixed wing aircraft. In addition, it provides for the procurement and associated testing of civil and military aircraft modification equipment including integration of Intelligence, Surveillance and Reconnaissance (ISR) Mission Equipment Packages (MEP). This budget line will also be used to modify fixed wing aircraft to include Engineer, Furnish and Install (EF&I) of modifications as a complete contractual effort. It also leverages Federal Aviation Administration (FAA) supplemental type certificates (STC) that are already in existence and applies STCs to aircraft modifications. These modifications ensure continued worldwide deployment capability and safe operations.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	14	9	10	-	10	14	14	13	2
	Total Obligation Authority	13.973	11.500	5.702	-	5.702	6.990	7.354	6.173	5.866
ANG	Quantity	5	-	4	-	4	1	2	2	1
	Total Obligation Authority	7.374	-	3.893	-	3.893	3.275	8.265	2.853	2.179
AR	Quantity	4	-	3	-	3	5	2	5	7
	Total Obligation Authority	1.701	-	5.434	-	5.434	6.221	2.102	7.572	8.664
Total: Secondary Distribution	**Quantity**	**23**	**9**	**17**	**-**	**17**	**20**	**18**	**20**	**10**
	Total Obligation Authority	**23.048**	**11.500**	**15.029**	**-**	**15.029**	**16.486**	**17.721**	**16.598**	**16.709**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0270 / Utility/Cargo Airplane Mods
ID Code (A=Service Ready, B=Not Service Ready) :	**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0270 / Fixed Wing Aircraft Modifications	P-3a		1,073.882	204	219.072	1,002.087	23	23.048	1,277.778	9	11.500	884.059	17	15.029	-	-	-	884.059	17	15.029
Total Gross/Weapon System Cost			**1,073.882**	**204**	**219.072**	**1,002.087**	**23**	**23.048**	**1,277.778**	**9**	**11.500**	**884.059**	**17**	**15.029**	**-**	**-**	**-**	**884.059**	**17**	**15.029**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0270 / Fixed Wing Aircraft Modifications	P-3a		824.300	20	16.486	984.500	18	17.721	829.900	20	16.598	1,670.900	10	16.709	-	-	-	1,047.237	321	336.163
Total Gross/Weapon System Cost			**824.300**	**20**	**16.486**	**984.500**	**18**	**17.721**	**829.900**	**20**	**16.598**	**1,670.900**	**10**	**16.709**	**-**	**-**	**-**	**1,047.237**	**321**	**336.163**

*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:

FY15 Base procurement dollars in the amount of $15.029 million support aircraft modifications to Communications, Navigation, and Surveillance (CNS) and Aircraft Survivability Equipment (ASE) that meets current and future air traffic management requirements.

In addition, equipment included in the modifications will enhance the safety of passengers and crew. The upgrades will also permit the Army fixed wing aircraft to operate in compliance with other existing and emerging regulations. As requirement for new avionics equipment continue, aircraft delays and airspace exclusions are likely for aircraft not properly equipped. Upgrade of communication and navigation systems will enhance reliability and maintainability, thereby improving aircraft availability for mission requirements. The associated aircraft modifications will assure worldwide deployability for those required to deploy.

FY15 APA AA0270 Fixed Wing Modification dollars of $15.029 million procurement dollars are linked to FY15 APA A11300 Fixed Wing Aircraft procurement dollars of $13.617 million and RDT&E PE 0203744A Project D18 of $0.819 million.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0270 / Utility/Cargo Airplane Mods	**Modification Number / Title:** AA0270 / Fixed Wing Aircraft Modifications

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)*	204	23	9	17	-	17	20	18	20	10	-	321
Gross/Weapon System Cost *($ in Millions)*	219.072	23.048	11.500	15.029	-	15.029	16.486	17.721	16.598	16.709	-	336.163
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	219.072	23.048	11.500	15.029	-	15.029	16.486	17.721	16.598	16.709	-	336.163
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**219.072**	**23.048**	**11.500**	**15.029**	**-**	**15.029**	**16.486**	**17.721**	**16.598**	**16.709**	**-**	**336.163**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	1,073.882	1,002.087	1,277.778	884.059	-	884.059	824.300	984.500	829.900	1,670.900	-	1,047.237

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

Description:

The budget line updates and modernizes Army fixed wing aircraft communication, navigation, surveillance, survivability equipment, and Department of Defense (DoD) mandated safety equipment to current and evolving international and Army standards. The budget line provides for the procurement of replacement and spare engines for fixed wing aircraft. In addition, it provides for the procurement and associated testing of civil and military aircraft modification equipment including integration of Intelligence, Surveillance and Reconnaissance (ISR) Mission Equipment Packages (MEP). This budget line will also be used to modify fixed wing aircraft to include Engineer, Furnish and Install (EF&I) of modifications as a complete contractual effort. It also leverages Federal Aviation Administration (FAA) supplemental type certificates (STC) that are already in existence and applies STCs to aircraft modifications. These modifications ensure continued worldwide deployment capability and safe operations.

FY15 Base procurement dollars in the amount of $15.029 million support aircraft modifications to Communications, Navigation, and Surveillance (CNS) and Aircraft Survivability Equipment (ASE) that meets current and future air traffic management requirements.
In addition, equipment included in the modifications will enhance the safety of passengers and crew. The upgrades will also permit the Army fixed wing aircraft to operate in compliance with other existing and emerging regulations. As requirement for new avionics equipment continue, aircraft delays and airspace exclusions are likely for aircraft not properly equipped. Upgrade of communication and navigation systems will enhance reliability and maintainability, thereby improving aircraft availability for mission requirements. The associated aircraft modifications will assure worldwide deployability for those required to deploy.

FY15 APA AA0270 Fixed Wing Modification dollars of $15.029 million procurement dollars are linked to FY15 APA A11300 Fixed Wing Aircraft procurement dollars of $13.617 million and RDT&E PE 0203744A Project D18 of $0.819 million.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	14	9	10	-	10	-	-	-	-
	Total Obligation Authority	13.973	11.500	5.702	-	5.702	-	-	-	-
ANG	Quantity	5	-	4	-	4	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0270 / Utility/Cargo Airplane Mods	**Modification Number / Title:** AA0270 / Fixed Wing Aircraft Modifications

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	7.374	-	3.893	-	3.893	-	-	-	-
AR	Quantity	4	-	3	-	3	-	-	-	-
	Total Obligation Authority	1.701	-	5.434	-	5.434	-	-	-	-
Total: Secondary Distribution	**Quantity**	**23**	**9**	**17**	**-**	**17**	**20**	**18**	**20**	**10**
	Total Obligation Authority	**23.048**	**11.500**	**15.029**	**-**	**15.029**	**16.486**	**17.721**	**16.598**	**16.709**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0270 / Utility/Cargo Airplane Mods	**Modification Number / Title:** AA0270 / Fixed Wing Aircraft Modifications
Models of Systems Affected: All series Army fixed wing aircraft	**Modification Type:** Rationalization, Standardization, Interoperability, Compatibility, Simplification	**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: Fixed Wing Aircraft Modifications												
A Kits												
Recurring												
Installation Kits	204 / 153.051	23 / 15.495	9 / 7.650	17 / 10.479	- / -	17 / 10.479	20 / 11.528	18 / 12.383	20 / 11.586	10 / 10.252	- / -	321 / 232.424
Data	0 / 0.300	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / 0.100	- / 0.100	- / -	- / 1.000
Subtotal: Recurring	*- / 153.351*	*- / 15.595*	*- / 7.750*	*- / 10.579*	*- / -*	*- / 10.579*	*- / 11.628*	*- / 12.483*	*- / 11.686*	*- / 10.352*	*- / -*	*- / 233.424*
Subtotal: Fixed Wing Aircraft Modifications	*204 / 153.351*	*23 / 15.595*	*9 / 7.750*	*17 / 10.579*	*- / -*	*17 / 10.579*	*20 / 11.628*	*18 / 12.483*	*20 / 11.686*	*10 / 10.352*	*- / -*	*321 / 233.424*
Subtotal: Procurement, All Modification Items	*204 / 153.351*	*23 / 15.595*	*9 / 7.750*	*17 / 10.579*	*- / -*	*17 / 10.579*	*20 / 11.628*	*18 / 12.483*	*20 / 11.686*	*10 / 10.352*	*- / -*	*321 / 233.424*
Installation												
Modification Item 1 of 1: Fixed Wing Aircraft Modifications	204 / 65.721	23 / 7.453	9 / 3.750	17 / 4.450	- / -	17 / 4.450	20 / 4.858	18 / 5.238	20 / 4.912	10 / 6.357	- / -	321 / 102.739
Subtotal: Installation	*204 / 65.721*	*23 / 7.453*	*9 / 3.750*	*17 / 4.450*	*- / -*	*17 / 4.450*	*20 / 4.858*	*18 / 5.238*	*20 / 4.912*	*10 / 6.357*	*- / -*	*321 / 102.739*
Total												
Total Cost (Procurement + Support + Installation)	**219.072**	**23.048**	**11.500**	**15.029**	**-**	**15.029**	**16.486**	**17.721**	**16.598**	**16.709**	**-**	**336.163**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0270 / Utility/Cargo Airplane Mods	**Modification Number / Title:** AA0270 / Fixed Wing Aircraft Modifications

Modification Item 1 of 1: Fixed Wing Aircraft Modifications

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Multiple Commercial Lenders	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Dec 2011	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017
Delivery Dates	May 2012	May 2013	May 2014	May 2015	May 2016	May 2017	May 2018

Installation Information

Method of Implementation: Contractor

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)*
Prior Years	190 / 62.089	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	190 / 62.089
FY 2013	14 / 3.632	23 / 7.453	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 11.085
FY 2014	0 / 0.000	- / -	9 / 3.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 3.750
FY 2015	0 / 0.000	- / -	- / -	17 / 4.450	- / -	17 / 4.450	- / -	- / -	- / -	- / -	- / -	17 / 4.450
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	20 / 4.858	- / -	- / -	- / -	- / -	20 / 4.858
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	18 / 5.238	- / -	- / -	- / -	18 / 5.238
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 4.912	- / -	- / -	20 / 4.912
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 6.357	- / -	10 / 6.357
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	204 / 65.721	23 / 7.453	9 / 3.750	17 / 4.450	- / -	17 / 4.450	20 / 4.858	18 / 5.238	20 / 4.912	10 / 6.357	- / -	321 / 102.739

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	204	6	6	6	5	2	2	2	3	4	4	4	5	5	5	5	5	4	4	4	6	5	5	5	5	2	1	4	3	-	321
Out	198	6	6	6	6	5	2	2	2	3	4	4	4	5	5	5	5	5	4	4	4	6	5	5	5	5	2	1	4	3	321

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods

ID Code (A=Service Ready, B=Not Service Ready) :	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)*	1,132.822	73.561	74.095	76.515	-	76.515	51.017	91.809	149.068	191.452	-	1,840.339
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,132.822	73.561	74.095	76.515	-	76.515	51.017	91.809	149.068	191.452	-	1,840.339
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,132.822**	**73.561**	**74.095**	**76.515**	**-**	**76.515**	**51.017**	**91.809**	**149.068**	**191.452**	**-**	**1,840.339**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

Utility Helicopter Mods include modifications to the UH-60 BLACKHAWK and the UH-72A LAKOTA helicopters. The UH-60 BLACKHAWK helicopter is the Army's utility helicopter in the future force. It is a twin engine, single rotor, four bladed utility helicopter used for air assault, general support, command & control, and aero-medical evacuations (MEDEVAC). The UH-60 is joint force capable, providing 24 hour/day support including operations at night and in adverse weather conditions. The UH-60 is designed to carry a crew of four plus eleven combat equipped troops or an external load up to 9,000 pounds. The UH-60 BLACK HAWK was fielded in 1978 as a replacement for the UH-1. From 1978 to 1988, UH-60As were produced. In 1989 production of UH-60Ls with improved engines and drive train began. In 2007, full rate production of UH-60Ms began which provided a digital cockpit, digital Flight Management System (FMS), improved engine, and wide-cord main rotor blades. The UH-60L Digital provides an integrated digital map, integrated performance planning, common functionality and commonality of training with UH-60M. The UH-72A LAKOTA helicopter provides general aviation support for aviation units in the active and reserve components.

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

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	29.033	27.860	20.598	-	20.598	13.918	41.519	103.351	101.820
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	44.528	46.235	55.917	-	55.917	37.099	50.290	45.717	89.632
Total:	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods

ID Code (A=Service Ready, B=Not Service Ready) :	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	73.561	74.095	76.515	-	76.515	51.017	91.809	149.068	191.452

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0492 / Utility Helicopter Modifications	P-3a		-	-	1,132.822	-	-	73.561	-	-	74.095	-	-	76.515	-	-	-	-	-	76.515
Total Gross/Weapon System Cost			**-**	**-**	**1,132.822**	**-**	**-**	**73.561**	**-**	**-**	**74.095**	**-**	**-**	**76.515**	**-**	**-**	**-**	**-**	**-**	**76.515**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0492 / Utility Helicopter Modifications	P-3a		-	-	51.017	-	-	91.809	-	-	149.068	-	-	191.452	-	-	-	-	-	1,840.339
Total Gross/Weapon System Cost			**-**	**-**	**51.017**	**-**	**-**	**91.809**	**-**	**-**	**149.068**	**-**	**-**	**191.452**	**-**	**-**	**-**	**-**	**-**	**1,840.339**

*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:

FY 15 Base procurement dollars in the amount of $76.5 million will procure Crashworthy External Fuel Systems (CEFS), UH-60 A to L Conversions and External High Speed Hoists. CEFS is a safety modification that reduces the risk of a post-crash fire. The External High Speed Hoist is a modification to UH-60A/L aircraft developed to supplement and eventually replace the internal rescue hoist currently in use. The existing internal hoist has significant obsolescence issues and takes up valuable cabin space in the aircraft thus the Army decided to standardize the external hoist configuration as employed on the HH-60A/L/M. The UH-60 A to L Conversion program expands the current UH-60 A to A recapitalization/rebuild program to a UH-60 A to L recapitalization/upgrade program.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications

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)*	1,132.822	73.561	74.095	76.515	-	76.515	51.017	91.809	149.068	191.452	-	1,840.339
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,132.822	73.561	74.095	76.515	-	76.515	51.017	91.809	149.068	191.452	-	1,840.339
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,132.822**	**73.561**	**74.095**	**76.515**	**-**	**76.515**	**51.017**	**91.809**	**149.068**	**191.452**	**-**	**1,840.339**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

Utility Helicopter Mods include modifications to the UH-60 BLACKHAWK and the UH-72A LAKOTA helicopter.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	29.033	27.860	20.598	-	20.598	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	44.528	46.235	55.917	-	55.917	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**73.561**	**74.095**	**76.515**	**-**	**76.515**	**51.017**	**91.809**	**149.068**	**191.452**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications
Models of Systems Affected: UH-60L	**Modification Type:** Operational	**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 7: Crashworthy External Fuel System (CEFS)												
A Kits												
Recurring												
A-Kits (A/L)	831 / 42.090	53 / 3.767	- / -	- / -	- / -	- / -	- / -	100 / 18.415	198 / 35.753	- / -	- / -	1,182 / 100.025
A-Kits (GFE to Production)	32 / 2.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	32 / 2.700
A-Kits (GFE to SAR Acft)	10 / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 0.600
B-kits	442 / 53.000	21 / 3.200	- / -	- / -	- / -	- / -	- / -	100 / 1.125	198 / 2.970	- / -	- / -	761 / 60.295
Support Equipment/Other	0 / 33.200	- / 1.405	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 34.605
Subtotal: Recurring	*- / 131.590*	*- / 8.372*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 19.540*	*- / 38.723*	*- / -*	*- / -*	*- / 198.225*
Subtotal: Crashworthy External Fuel System (CEFS)	*1,315 / 131.590*	*74 / 8.372*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*200 / 19.540*	*396 / 38.723*	*- / -*	*- / -*	*1,985 / 198.225*
Modification Item 2 of 7: UH-60A to UH-60L Conversion												
A Kits												
Recurring												
other	85 / 168.030	42 / 53.263	40 / 46.235	54 / 61.485	- / -	54 / 61.485	30 / 37.099	40 / 50.290	35 / 45.717	- / -	- / -	326 / 462.119
Subtotal: Recurring	*- / 168.030*	*- / 53.263*	*- / 46.235*	*- / 61.485*	*- / -*	*- / 61.485*	*- / 37.099*	*- / 50.290*	*- / 45.717*	*- / -*	*- / -*	*- / 462.119*
Non-Recurring												
other	0 / 822.788	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 822.788
Subtotal: Non-Recurring	*- / 822.788*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 822.788*
Subtotal: UH-60A to UH-60L Conversion	*85 / 990.818*	*42 / 53.263*	*40 / 46.235*	*54 / 61.485*	*- / -*	*54 / 61.485*	*30 / 37.099*	*40 / 50.290*	*35 / 45.717*	*- / -*	*- / -*	*326 / 1,284.907*
Modification Item 3 of 7: UH-60L Digital												
A Kits												
Recurring												
Other	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 37.140	36 / 169.830	- / -	46 / 206.970
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 37.140*	*- / 169.830*	*- / -*	*- / 206.970*
Subtotal: UH-60L Digital	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*10 / 37.140*	*36 / 169.830*	*- / -*	*46 / 206.970*
Modification Item 4 of 7: External High Speed Hoist												
A Kits												
Recurring												
Other	31 / 10.014	36 / 11.126	65 / 21.190	44 / 12.291	- / -	44 / 12.291	49 / 13.918	30 / 10.990	- / -	- / -	- / -	255 / 79.529
Subtotal: Recurring	*- / 10.014*	*- / 11.126*	*- / 21.190*	*- / 12.291*	*- / -*	*- / 12.291*	*- / 13.918*	*- / 10.990*	*- / -*	*- / -*	*- / -*	*- / 79.529*

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications
Models of Systems Affected: UH-60L	**Modification Type:** Operational	**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)*
Subtotal: External High Speed Hoist	*31 / 10.014*	*36 / 11.126*	*65 / 21.190*	*44 / 12.291*	*- / -*	*44 / 12.291*	*49 / 13.918*	*30 / 10.990*	*- / -*	*- / -*	*- / -*	*255 / 79.529*
Modification Item 5 of 7: Enhanced Ballistics Armor Protections System												
A Kits												
Recurring												
Other	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50 / 5.664	100 / 11.894	50 / 6.245	- / -	200 / 23.803
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 5.664*	*- / 11.894*	*- / 6.245*	*- / -*	*- / 23.803*
Non-Recurring												
Non Recurring	- / -	- / -	- / 5.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.000
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / 5.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 5.000*
Subtotal: Enhanced Ballistics Armor Protections System	*- / -*	*- / -*	*- / 5.000*	*- / -*	*- / -*	*- / -*	*- / -*	*50 / 5.664*	*100 / 11.894*	*50 / 6.245*	*- / -*	*200 / 28.803*
Modification Item 6 of 7: Upturned Exhaust System (UES)												
A Kits												
Recurring												
Other	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	36 / 8.216	46 / 10.752	- / -	82 / 18.968
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 8.216*	*- / 10.752*	*- / -*	*- / 18.968*
Non-Recurring												
Non Recurring	- / -	- / -	- / -	- / 1.000	- / -	- / 1.000	- / -	- / -	- / -	- / -	- / -	- / 1.000
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / -*	*- / 1.000*	*- / -*	*- / 1.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1.000*
Subtotal: Upturned Exhaust System (UES)	*- / -*	*- / -*	*- / -*	*- / 1.000*	*- / -*	*- / 1.000*	*- / -*	*- / -*	*36 / 8.216*	*46 / 10.752*	*- / -*	*82 / 19.968*
Modification Item 7 of 7: Cockpit Armored Wing Upgrade												
A Kits												
Recurring												
Other	- / -	- / -	- / -	- / -	- / -	- / -	- / -	200 / 4.200	200 / 4.408	200 / 4.625	- / -	600 / 13.233
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 4.200*	*- / 4.408*	*- / 4.625*	*- / -*	*- / 13.233*
Subtotal: Cockpit Armored Wing Upgrade	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*200 / 4.200*	*200 / 4.408*	*200 / 4.625*	*- / -*	*600 / 13.233*
Subtotal: Procurement, All Modification Items	*1,431 / 1,132.422*	*152 / 72.761*	*105 / 72.425*	*98 / 74.776*	*- / -*	*98 / 74.776*	*79 / 51.017*	*520 / 90.684*	*777 / 146.098*	*332 / 191.452*	*- / -*	*3,494 / 1,831.635*
Installation												
Modification Item 1 of 7: Crashworthy External Fuel System (CEFS)	28 / 0.400	53 / 0.800	117 / 1.670	116 / 1.739	- / -	116 / 1.739	- / -	100 / 1.125	198 / 2.970	- / -	- / -	612 / 8.704
Modification Item 2 of 7: UH-60A to UH-60L Conversion	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications
Models of Systems Affected: UH-60L	**Modification Type:** Operational	**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)*
Modification Item 3 of 7: UH-60L Digital	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 4 of 7: External High Speed Hoist	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 5 of 7: Enhanced Ballistics Armor Protections System	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 6 of 7: Upturned Exhaust System (UES)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 7 of 7: Cockpit Armored Wing Upgrade	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal: Installation	*28 / 0.400*	*53 / 0.800*	*117 / 1.670*	*116 / 1.739*	*- / -*	*116 / 1.739*	*- / -*	*100 / 1.125*	*198 / 2.970*	*- / -*	*- / -*	*612 / 8.704*
Total												
Total Cost (Procurement + Support + Installation)	**1,132.822**	**73.561**	**74.095**	**76.515**	**-**	**76.515**	**51.017**	**91.809**	**149.068**	**191.452**	**-**	**1,840.339**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications

Modification Item 1 of 7: Crashworthy External Fuel System (CEFS)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Robertson Fuel Systems, LLC	Manufacturer Location: Tempe, AZ
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 2

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Nov 2012	Nov 2013	Nov 2014				
Delivery Dates	Jan 2013	Jan 2014	Jan 2015				

Installation Information

Method of Implementation: Various

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)*
Prior Years	28 / 0.400	53 / 0.800	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	81 / 1.200
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	117 / 1.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	117 / 1.670
FY 2015	0 / 0.000	- / -	- / -	116 / 1.739	- / -	116 / 1.739	- / -	- / -	- / -	- / -	- / -	116 / 1.739
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	100 / 1.125	- / -	- / -	- / -	100 / 1.125
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	198 / 2.970	- / -	- / -	198 / 2.970
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	28 / 0.400	53 / 0.800	117 / 1.670	116 / 1.739	- / -	116 / 1.739	- / -	100 / 1.125	198 / 2.970	- / -	- / -	612 / 8.704

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	911	13	13	13	14	-	-	-	-	-	-	-	-	-	-	-	-	25	25	25	25	50	50	50	48	-	-	-	-	-	1,262
Out	892	19	13	13	13	14	-	-	-	-	-	-	-	-	-	-	-	-	25	25	25	25	50	50	50	48	-	-	-	-	1,262

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications

Modification Item 2 of 7: UH-60A to UH-60L Conversion

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Corpus Christi Army Depot	Manufacturer Location: Corpus Christi Army Depot
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Oct 2012	Oct 2013	Oct 2014				
Delivery Dates	Oct 2013	Oct 2014	Oct 2015				

Installation Information

Method of Implementation: Depot

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	139	10	10	11	11	10	10	10	10	14	14	13	13	8	8	7	7	10	10	10	10	9	9	9	8	-	-	-	-	-	380
Out	85	14	14	13	13	10	10	11	11	10	10	10	10	14	14	13	13	8	8	7	7	10	10	10	10	9	9	9	8	-	380

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications

Modification Item 3 of 7: UH-60L Digital

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Corpus Christi Army Depot	Manufacturer Location: Corpus Christi Army Depot
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates						Oct 2017	
Delivery Dates						Oct 2018	

Installation Information

Method of Implementation: Depot

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	9	9	9	9	-	46
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	36	46

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications

Modification Item 4 of 7: External High Speed Hoist

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Breeze Eastern, Inc	Manufacturer Location: Whippany, NJ
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 1

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	May 2013	May 2014	May 2015	May 2016	May 2017		
Delivery Dates	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017		

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	31	9	9	9	9	16	16	16	17	11	11	11	11	13	12	12	12	7	8	8	7	-	-	-	-	-	-	-	-	-	255
Out	23	8	9	9	9	9	16	16	16	17	11	11	11	11	13	12	12	12	7	8	8	7	-	-	-	-	-	-	-	-	255

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications

Modification Item 5 of 7: Enhanced Ballistics Armor Protections System

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Undetermined	Manufacturer Location: Undetermined
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	13	13	12	25	25	25	25	12	13	13	12	-	200
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	13	13	12	25	25	25	25	12	13	25	200

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications

Modification Item 6 of 7: Upturned Exhaust System (UES)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Undetermined	Manufacturer Location: Undetermined
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9	9	12	12	12	10	-	82
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	9	9	9	12	12	12	10	82

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0480 / Utility Helicopter Mods	**Modification Number / Title:** AA0492 / Utility Helicopter Modifications

Modification Item 7 of 7: Cockpit Armored Wing Upgrade

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Undeterrmined	Manufacturer Location: Undetermined
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	50	50	50	50	50	50	50	50	50	-	600
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	50	50	50	50	50	50	50	50	50	600

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AZ2200 / Kiowa Mods Warrior

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	306.310	113.065	108.282	-	-	-	-	-	-	-	-	527.657
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	306.310	113.065	108.282	-	-	-	-	-	-	-	-	527.657
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**306.310**	**113.065**	**108.282**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**527.657**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The Kiowa Warrior is a two-seat, single-engine, observation, scout/attack helicopter with four main rotor blades. It utilizes a thermal-imaging system and a laser rangefinder/designator in a mast-mounted sight situated above the main rotor system. The aircraft is equipped with a variety of weapon systems including: HELLFIRE, 2.75-inch rockets, and a .50-caliber machine gun. The aircraft operates autonomously and teamed with other manned and unmanned aerial systems at standoff ranges providing armed reconnaissance, command and control, and target acquisition/designation for Apache helicopters and other airborne weapons platforms in day, night, and adverse-weather conditions. The Active Army and the National Guard fly Kiowa Warriors.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	113.065	108.282	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**113.065**	**108.282**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AZ2200 / Kiowa Warrior Modification Programs	P-3a		-	-	306.310	-	-	113.065	-	-	108.282	-	-	-	-	-	-	-	-	-

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AZ2200 / Kiowa Mods Warrior
ID Code (A=Service Ready, B=Not Service Ready) :	**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Total Gross/Weapon System Cost			-	-	306.310	-	-	113.065	-	-	108.282	-	-	-	-	-	-	-	-	-

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AZ2200 / Kiowa Warrior Modification Programs	P-3a		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	527.657
Total Gross/Weapon System Cost			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	527.657

*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:
As a part of the Army's Aviation Restructure Initiative (ARI) funding was realigned from the Kiowa Warrior programs and placed into the MQ-1 Gray Eagle, AH-64 Apache, RQ-7 Shadow, and into OMA funded training and sustainment necessary to execute ARI. The realigned Kiowa Warrior funding will support Apache, Gray Eagle and Shadow Manned-Unmanned Teaming (MUM-T) capability as an enhanced means of performing the scout mission under the ARI

All COMPO 1 Active

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2200 / Kiowa Mods Warrior	**Modification Number / Title:** AZ2200 / Kiowa Warrior Modification Programs

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)*	306.310	113.065	108.282	-	-	-	-	-	-	-	-	527.657
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	306.310	113.065	108.282	-	-	-	-	-	-	-	-	527.657
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**306.310**	**113.065**	**108.282**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**527.657**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The OH-58D Fielded Fleet Upgrade and Weight Reduction (OSIP 2-02-01-0116) maintains safety and interoperability of aircraft.

The Cockpit and Sensor Upgrade Program (CASUP) (OSIP 2-08-01-0117) addresses additional capabilities, safety enhancements and obsolescence issues to allow the Kiowa Warrior to serve as the Army's armed reconnaissance aviation platform until replaced/retired. CASUP will convert the OH-58D to the OH-58F configuration. Efforts include upgrading Control Display Subsystem mission computers, avionics, intercom system, aircraft survivability systems, weapon systems, electrical systems, and cockpit instruments and displays, reducing weight and obsolescence, and replacing single with dual channel Full Authority Digital Electronic Control (FADEC), the mast mounted sight with the AN/AAS-53 Common Sensor Payload and structural modifications. Additionally, KW CASUP will implement airframe structural repairs to overcome known airframe issues during production. The current fleet of aircraft along with aircraft built to replace wartime losses are planned to be upgraded to the OH-58F configuration, for a total of 368 aircraft. Four aircraft in the current fleet are planned to be modified with RDTE funding and will be fielded following the test program. It is anticipated that KW CASUP will remain in the inventory through 2036. Kiowa Warrior Training Aids, Devices, Simulators and Simulations (TADSS) will be upgraded to maintain concurrency.

The CASUP Long Lead Program (OSIP 2-08-01-0120) components include items that are common to other Army Aviation/DoD platforms and items that are unique to the OH-58F aircraft and are crucial to the program's execution as PM KW serves as the lead system integrator in lieu of an Original Equipment Manufacturer (OEM). Numerous CASUP components deliver more than 12 months after procurement; therefore, components to support CASUP Low Rate Initial Production (LRIP) Lot 1 which starts in FY 2015 must be procured in FY 2013. Items with lead times greater than 12 months include structural A-kits which include PYLON assembly (side beam and transverse), Increased Height Landing Gear (IHLG), Nose Mounted Sensor (NMS) Structure, Searchlight/MUM kit, Environmental Control System (ECS) Heater Kit as well as components necessary to execute airframe structural repair.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	113.065	108.282	-	-	-	-	-	-	-
Total:	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2200 / Kiowa Mods Warrior	**Modification Number / Title:** AZ2200 / Kiowa Warrior Modification Programs

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	113.065	108.282	-	-	-	-	-	-	-

Development Status/Major Development Milestones

Date	Title	Description
Dec 2010	CASUP Milestone B	x
Jul 2015	CASUP Milestone C	x
Feb 2018	CASUP First Unit Equipped (FUE)	x

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2200 / Kiowa Mods Warrior	**Modification Number / Title:** AZ2200 / Kiowa Warrior Modification Programs
Models of Systems Affected: OH-58D, OH-58F	**Modification Type:** Operational/Safety	**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 2: OH-58D Fielded Fleet Upgrade and Weight Reduction												
A Kits												
Recurring												
Recurring Labor	0 / 2.900	- / 4.535	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.435
Data/Pubs/Manuals	0 / 2.000	- / 3.175	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.175
Support Equipment	0 / 14.792	- / 2.666	- / 7.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 24.908
Systems Engineering/Program Management	0 / 29.591	- / 14.903	- / 7.125	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 51.619
Facilities	0 / 3.357	- / 1.098	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.455
Training/Training Devices	0 / 7.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.900
Subtotal: Recurring	*- / 60.540*	*- / 26.377*	*- / 14.575*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 101.492*
Non-Recurring												
Nonrecurring	0 / 1.200	- / 0.341	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.541
Subtotal: Non-Recurring	*- / 1.200*	*- / 0.341*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1.541*
B Kits												
Recurring												
Hardware	0 / 238.171	- / 36.508	- / 20.991	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 295.670
Subtotal: Recurring	*- / 238.171*	*- / 36.508*	*- / 20.991*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 295.670*
Subtotal: OH-58D Fielded Fleet Upgrade and Weight Reduction	*0 / 299.911*	*- / 63.226*	*- / 35.566*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 398.703*
Modification Item 2 of 2: OH-58F CASUP Long Lead												
A Kits												
Recurring												
Structural Repair Kit	- / -	12 / 5.847	16 / 9.116	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 14.963
CDS5 A-Kits	- / -	23 / 17.225	20 / 17.693	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	43 / 34.918
BHTI A-Kits	- / -	25 / 9.748	22 / 9.999	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	47 / 19.747
Subtotal: Recurring	*- / -*	*- / 32.820*	*- / 36.808*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 69.628*
Non-Recurring												
Tooling	- / -	- / 12.974	- / 1.799	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.773
Subtotal: Non-Recurring	*- / -*	*- / 12.974*	*- / 1.799*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 14.773*
B Kits												
Recurring												

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2200 / Kiowa Mods Warrior	**Modification Number / Title:** AZ2200 / Kiowa Warrior Modification Programs
Models of Systems Affected: OH-58D, OH-58F	**Modification Type:** Operational/Safety	**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)*
NMS B-Kits	- / -	- / -	20 / 16.737	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 16.737
New IMCPU B-Kits	- / -	- / -	24 / 6.723	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 6.723
Other B-Kits	- / -	- / -	21 / 5.790	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 5.790
Subtotal: Recurring	- / -	- / -	- / 29.250	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.250
Subtotal: OH-58F CASUP Long Lead	- / -	60 / 45.794	123 / 67.857	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	183 / 113.651
Subtotal: Procurement, All Modification Items	0 / 299.911	60 / 109.020	123 / 103.423	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	183 / 512.354
Installation												
Modification Item 1 of 2: OH-58D Fielded Fleet Upgrade and Weight Reduction	0 / 6.399	- / 4.045	- / 4.859	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.303
Modification Item 2 of 2: OH-58F CASUP Long Lead	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal: Installation	0 / 6.399	- / 4.045	- / 4.859	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.303
Total												
Total Cost (Procurement + Support + Installation)	**306.310**	**113.065**	**108.282**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**527.657**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2200 / Kiowa Mods Warrior	**Modification Number / Title:** AZ2200 / Kiowa Warrior Modification Programs

Modification Item 1 of 2: OH-58D Fielded Fleet Upgrade and Weight Reduction

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: various	Manufacturer Location: various
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: various

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)*
Prior Years	0 / 6.399	- / 0.000	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 0.000	- / 6.399
FY 2013	0 / 0.000	- / 4.045	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.045
FY 2014	0 / 0.000	- / -	- / 4.859	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.859
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 6.399	- / 4.045	- / 4.859	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 15.303

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AZ2200 / Kiowa Mods Warrior	**Modification Number / Title:** AZ2200 / Kiowa Warrior Modification Programs

Modification Item 2 of 2: OH-58F CASUP Long Lead

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 12	Production Leadtime *(in Months)*: 21

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	May 2013	May 2014					
Delivery Dates	Feb 2015	Feb 2016					

Installation Information

Method of Implementation: Various

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan

ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0604201A

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)*	117.187	130.527	92.326	114.182	-	114.182	110.667	118.330	171.708	144.804	-	999.731
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	117.187	130.527	92.326	114.182	-	114.182	110.667	118.330	171.708	144.804	-	999.731
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**117.187**	**130.527**	**92.326**	**114.182**	**-**	**114.182**	**110.667**	**118.330**	**171.708**	**144.804**	**-**	**999.731**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The Network and Mission Plan budget line includes the Aviation Mission Planning System (AMPS), the Improved Data Modem (IDM), the Aviation Data Exploitation Capability (ADEC), the Aircraft Notebook (ACN), and the Aviation Logistics Enterprise-Platform (ALE-P).

The AMPS is a mission planning/battle synchronization tool that automates aviation mission planning tasks, including tactical command and control, mission planning, and flight planning. It interfaces with Army Mission Command Systems (AMCS) and associated networks which furnish the aviation commander with continuous situational awareness, allowing the commander to rapidly adjust mission plans. AMPS generates mission data in either hard copy or electronic formats. The electronic formats are loaded onto the aircraft platforms, initializing the communication, navigation, situational awareness, and weapons systems on the aircraft including the AH-64D/E, CH-47D/F, OH-58D, UH-60A/L/M/Q, HH-60L, and Unmanned Aircraft Systems (UAS). The AMPS program includes management of the Commander's Aviation Risk Tool and the Centralized Aviation Flight Records System (CAFRS). To accommodate rapid commercial technology changes, the overall system hardware is replaced after five years of use.

The IDM is the common solution for digitizing Army Aviation. It performs as an internet controller and gateway to Tactical Internet (TI) and Fire Support (FS) internet for Army aircraft. With interfaces supporting a transmit/receive terminal, the IDM provides radio connectivity to the ARC-201D/231, ARC-186, ARC-164, and the Blue Force Tracker transceiver, as well as providing 1553 and Ethernet portals for rapid data transfer. This hardware/software solution also provides a flexible, software-driven digital messaging system that is interoperable with existing Army and Joint forces battlefield operating systems. The IDM provides Situational Awareness and Joint Variable Message Format messages capability to the cockpit. The IDM is currently utilized by the AH-64D, OH-58D, CH-47F, and UH/HH-60M.

The ADEC is an Army Aviation program to develop, integrate, test, and field specific capabilities needed at the Aviation unit level to implement and support improvements within aviation maintenance, operations, safety and training. ADEC will standardize data and information formats, consolidate disconnected and disparate systems containing redundant data and requiring duplicate data entry, and provide a comprehensive and fully integrated automated information system. ADEC provides a common and interoperable capability required to implement Military Flight Operations Quality Assurance processes.

The ACN will provide users with an aviation centric suite of software used to streamline the completion of aviation maintenance activities and its documentation. ACN will include The Army Maintenance Management System - Aviation (TAMMS-A) digital logbook functionality and integration with platform software applications. ACN will reduce the Information Technology footprint within an aviation unit by integrating multiple software tools onto one hardware platform. Procurement is to support training and fielding efforts.

The ALE-P will provide a single Aviation Logistics Information System for all of Army aviation. It will replace the Unit Level Logistics System-Aviation (Enhanced) (ULLS-A[E]), which has transitioned into sustainment, and the Unmanned Aviation Systems-Initiative (UAS-I), which currently only provides automated logistics capabilities for the UAS community. ALE-P will provide the interface to the Global Combat

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan

ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:** 0604201A

Support System-Army (GCSS-Army) and other enterprise systems at Logistics Support Activity (LOGSA), Aviation and Missile Command (AMCOM), and Program Executive Office (PEO) Aviation as well as the ACN and ADEC at the until level. ALE-P will be a system of software and hardware that maintains platform airworthiness records and delivers a Logistics Management and Decision Support System for commanders.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	116.722	92.326	101.270	-	101.270	98.811	100.613	153.865	132.970
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	12.490	-	11.682	-	11.682	10.727	16.030	16.144	10.707
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.315	-	1.230	-	1.230	1.129	1.687	1.699	1.127
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**130.527**	**92.326**	**114.182**	**-**	**114.182**	**110.667**	**118.330**	**171.708**	**144.804**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0712 / Network and Mission Plan	P-3a		-	-	117.187	-	-	130.527	-	-	92.326	-	-	114.182	-	-	-	-	-	114.182
Total Gross/Weapon System Cost			**-**	**-**	**117.187**	**-**	**-**	**130.527**	**-**	**-**	**92.326**	**-**	**-**	**114.182**	**-**	**-**	**-**	**-**	**-**	**114.182**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0712 / Network and Mission Plan	P-3a		-	-	110.667	-	-	118.330	-	-	171.708	-	-	144.804	-	-	-	-	-	999.731
Total Gross/Weapon System Cost			**-**	**-**	**110.667**	**-**	**-**	**118.330**	**-**	**-**	**171.708**	**-**	**-**	**144.804**	**-**	**-**	**-**	**-**	**-**	**999.731**

*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:

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:** 0604201A

FY 2015 Base procurement dollars in the amount of $30.743 million supports the procurement of AMPS hardware, AMPS upgrades to system software to support aviation fleet modernization programs and support of CAFRS Individual Aircrew Training Folder software modification. AMPS hardware (B-Kits) is being replaced on a 5-year cycle to maintain pace with technology. FY 2015 is the fourth year of the current cycle.

FY 2015 Base procurement dollars in the amount of $52.230 million supports the procurement of IDM-401 B Kits to mitigate parts obsolescence concerns and to provide a technology refresh to the IDM hardware. These B Kits support production line programs for the AH-64D, CH-47F, HH/UH-60M helicopters and OH-58D. The IDM enhances Army Aviation's interoperability, lethality, and operational tempo by providing a common solution for fast and accurate data-burst communications via the TI and FS internet networks. The IDM provides a capability to communicate across the digital battlefield while also providing the flexibility to adapt to technology change.

FY 2015 Base procurement dollars in the amount of $21.623 million supports the procurement, fielding, and training of ADEC systems for Army rotary wing units. This program will provide users at all levels of the Army with the required information to conduct analysis and make decisions in the areas of maintenance, operations, safety, and training to ensure efficient fleet management, to reduce operations and support costs and to improve operational readiness.

FY 2015 Base procurement dollars in the amount of $8.802 million supports the fielding and training of ACN systems for Army Rotary Wing units. This program will enable At-Aircraft maintenance actions and ensure efficient fleet management to improve operation readiness.

FY 2015 Base procurement dollars in the amount of $0.784 million supports the procurement of training and fielding of ALE-P systems for Army Rotary Wing units. This program will provide users with the capability to receive, process, analyze, and transmit data from Quality Control, Product Control, Tech Supply, Backshop, and Aircraft Maintenance activities, and provide the Aviation interface to Army Enterprise Logistics Systems such as GCSS-Army.

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.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan

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)*	117.187	130.527	92.326	114.182	-	114.182	110.667	118.330	171.708	144.804	-	999.731
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	117.187	130.527	92.326	114.182	-	114.182	110.667	118.330	171.708	144.804	-	999.731
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**117.187**	**130.527**	**92.326**	**114.182**	**-**	**114.182**	**110.667**	**118.330**	**171.708**	**144.804**	**-**	**999.731**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The Network and Mission Plan budget line includes the Aviation Mission Planning System (AMPS), the Improved Data Modem (IDM), the Aviation Data Exploitation Capability (ADEC), the Aircraft Notebook (ACN), and the Aviation Logistics Enterprise-Platform (ALE-P).

The AMPS is a mission planning/battle synchronization tool that automates aviation mission planning tasks, including tactical command and control, mission planning, and flight planning. It interfaces with Army Mission Command Systems (AMCS) and associated networks which furnish the aviation commander with continuous situational awareness, allowing the commander to rapidly adjust mission plans. AMPS generates mission data in either hard copy or electronic formats. The electronic formats are loaded onto the aircraft platforms, initializing the communication, navigation, situational awareness, and weapons systems on the aircraft including the AH-64D/E, CH-47D/F, OH-58D, UH-60A/L/M/Q, HH-60L, and Unmanned Aircraft Systems (UAS). The AMPS program includes management of the Commander's Aviation Risk Tool and the Centralized Aviation Flight Records System (CAFRS). To accommodate rapid commercial technology changes, the overall system hardware is replaced after five years of use.

The IDM is the common solution for digitizing Army Aviation. It performs as an internet controller and gateway to Tactical Internet (TI) and Fire Support (FS) internet for Army aircraft. With interfaces supporting a transmit/receive terminal, the IDM provides radio connectivity to the ARC-201D/231, ARC-186, ARC-164, and the Blue Force Tracker transceiver, as well as providing 1553 and Ethernet portals for rapid data transfer. This hardware/software solution also provides a flexible, software-driven digital messaging system that is interoperable with existing Army and Joint forces battlefield operating systems. The IDM provides Situational Awareness and Joint Variable Message Format messages capability to the cockpit. The IDM is currently utilized by the AH-64D, OH-58D, CH-47F, and UH/HH-60M.

The ADEC is an Army Aviation program to develop, integrate, test, and field specific capabilities needed at the Aviation unit level to implement and support improvements within aviation maintenance, operations, safety and training. ADEC will standardize data and information formats, consolidate disconnected and disparate systems containing redundant data and requiring duplicate data entry, and provide a comprehensive and fully integrated automated information system. ADEC provides a common and interoperable capability required to implement Military Flight Operations Quality Assurance processes.

The ACN will provide users with an aviation centric suite of software used to streamline the completion of aviation maintenance activities and its documentation. ACN will include The Army Maintenance Management System - Aviation (TAMMS-A) digital logbook functionality and integration with platform software applications. ACN will reduce the Information Technology footprint within an aviation unit by integrating multiple software tools onto one hardware platform. Procurement is to support training and fielding efforts.

The ALE-P will provide a single Aviation Logistics Information System for all of Army aviation. It will replace the Unit Level Logistics System-Aviation (Enhanced) (ULLS-A[E]), which has transitioned into sustainment, and the Unmanned Aviation Systems-Initiative (UAS-I), which currently only provides automated logistics capabilities for the UAS community. ALE-P will provide the interface to the Global Combat Support System-Army (GCSS-Army) and other enterprise systems at Logistics Support Activity (LOGSA), Aviation and Missile Command (AMCOM), and Program Executive Office (PEO) Aviation as well as the ACN and ADEC at the until level. ALE-P will be a system of software and hardware that maintains platform airworthiness records and delivers a Logistics Management and Decision Support System for commanders.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan

FY 2015 Base procurement dollars in the amount of $30.743 million supports the procurement of AMPS hardware, AMPS upgrades to system software to support aviation fleet modernization programs and support of CAFRS Individual Aircrew Training Folder software modification. AMPS hardware (B-Kits) is being replaced on a 5-year cycle to maintain pace with technology. FY 2015 is the fourth year of the current cycle.

FY 2015 Base procurement dollars in the amount of $52.230 million supports the procurement of IDM-401 B Kits to mitigate parts obsolescence concerns and to provide a technology refresh to the IDM hardware. These B Kits support production line programs for the AH-64D, CH-47F, HH/UH-60M helicopters and OH-58D. The IDM enhances Army Aviation's interoperability, lethality, and operational tempo by providing a common solution for fast and accurate data-burst communications via the TI and FS internet networks. The IDM provides a capability to communicate across the digital battlefield while also providing the flexibility to adapt to technology change.

FY 2015 Base procurement dollars in the amount of $21.623 million supports the procurement, fielding, and training of ADEC systems for Army rotary wing units. This program will provide users at all levels of the Army with the required information to conduct analysis and make decisions in the areas of maintenance, operations, safety, and training to ensure efficient fleet management, to reduce operations and support costs and to improve operational readiness.

FY 2015 Base procurement dollars in the amount of $8.802 million supports the fielding and training of ACN systems for Army Rotary Wing units. This program will enable At-Aircraft maintenance actions and ensure efficient fleet management to improve operation readiness.

FY 2015 Base procurement dollars in the amount of $0.784 million supports the procurement of training and fielding of ALE-P systems for Army Rotary Wing units. This program will provide users with the capability to receive, process, analyze, and transmit data from Quality Control, Product Control, Tech Supply, Backshop, and Aircraft Maintenance activities, and provide the Aviation interface to Army Enterprise Logistics Systems such as GCSS-Army.

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
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	116.722	92.326	101.270	-	101.270	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	12.490	-	11.682	-	11.682	-	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.315	-	1.230	-	1.230	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**130.527**	**92.326**	**114.182**	**-**	**114.182**	**110.667**	**118.330**	**171.708**	**144.804**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan
Models of Systems Affected: AH-64D/E, CH-47D/F, OH-58D, UH-60A/L/M/Q, HH-60L/M	**Modification Type:** Rationalization, Standardization, Interoperability, Compatibility, Simplification	**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 5: Aviation Mission Planning System (AMPS)												
B Kits												
Recurring												
Kit Quantity- (Computer)	1,180 / 11.587	437 / 4.545	- / -	30 / 0.344	- / -	30 / 0.344	29 / 0.351	1,334 / 13.825	1,334 / 14.088	- / -	- / -	4,344 / 44.740
ECPs	0 / 14.893	- / 16.970	- / 16.757	- / 18.639	- / -	- / 18.639	- / 16.335	- / 15.847	- / 16.069	- / 16.429	- / -	- / 131.939
Systems Engineering	0 / 1.237	- / 1.024	- / 0.847	- / 0.863	- / -	- / 0.863	- / 0.879	- / 0.896	- / 0.913	- / 0.930	- / -	- / 7.589
System Test and Eval	0 / 1.829	- / 1.788	- / 1.921	- / 1.737	- / -	- / 1.737	- / 1.544	- / 2.101	- / 1.566	- / 1.943	- / -	- / 14.429
Fielding/Training	0 / 7.086	- / 6.919	- / 7.542	- / 7.798	- / -	- / 7.798	- / 7.832	- / 7.878	- / 8.012	- / 7.151	- / -	- / 60.218
Other- PM Admin	0 / 1.596	- / 1.623	- / 1.801	- / 1.362	- / -	- / 1.362	- / 1.289	- / 1.637	- / 1.835	- / 1.724	- / -	- / 12.867
Subtotal: Recurring	*- / 38.228*	*- / 32.869*	*- / 28.868*	*- / 30.743*	*- / - /*	*- / 30.743*	*- / 28.230*	*- / 42.184*	*- / 42.483*	*- / 28.177*	*- / - /*	*- / 271.782*
Subtotal: Aviation Mission Planning System (AMPS)	*1,180 / 38.228*	*437 / 32.869*	*- / 28.868*	*30 / 30.743*	*- / - /*	*30 / 30.743*	*29 / 28.230*	*1,334 / 42.184*	*1,334 / 42.483*	*- / 28.177*	*- / - /*	*4,344 / 271.782*
Modification Item 2 of 5: Improved Data Modem (IDM)												
B Kits												
Recurring												
Kit Quantity- IDM	412 / 9.776	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	412 / 9.776
Kit Quantity- IDM OSA	70 / 1.890	264 / 15.960	462 / 22.508	188 / 9.182	- / -	188 / 9.182	88 / 4.321	98 / 4.913	536 / 26.793	582 / 29.499	- / -	2,288 / 115.066
Aircraft Integration	0 / 47.457	- / 49.287	- / 22.388	- / 23.105	- / -	- / 23.105	- / 31.275	- / 23.704	- / 30.774	- / 24.442	- / -	- / 252.432
ECP (SW)	0 / 8.876	- / 17.795	- / 7.019	- / 6.529	- / -	- / 6.529	- / 6.539	- / 6.549	- / 6.559	- / 6.437	- / -	- / 66.303
Systems Engineering	0 / 1.921	- / 1.815	- / 1.853	- / 1.887	- / -	- / 1.887	- / 1.923	- / 1.959	- / 1.995	- / 2.033	- / -	- / 15.386
System Test & Eval	0 / 5.782	- / 8.564	- / 8.184	- / 8.330	- / -	- / 8.330	- / 8.491	- / 8.613	- / 8.736	- / 8.265	- / -	- / 64.965
Fielding/Training	0 / 0.517	- / 0.283	- / 0.352	- / 0.292	- / -	- / 0.292	- / 0.298	- / 0.303	- / 0.309	- / 0.315	- / -	- / 2.669
Other- PM Admin	0 / 2.740	- / 3.954	- / 1.154	- / 2.905	- / -	- / 2.905	- / 2.798	- / 3.025	- / 3.125	- / 3.566	- / -	- / 23.267
Subtotal: Recurring	*- / 78.959*	*- / 97.658*	*- / 63.458*	*- / 52.230*	*- / - /*	*- / 52.230*	*- / 55.645*	*- / 49.066*	*- / 78.291*	*- / 74.557*	*- / - /*	*- / 549.864*
Subtotal: Improved Data Modem (IDM)	*482 / 78.959*	*264 / 97.658*	*462 / 63.458*	*188 / 52.230*	*- / - /*	*188 / 52.230*	*88 / 55.645*	*98 / 49.066*	*536 / 78.291*	*582 / 74.557*	*- / - /*	*2,700 / 549.864*
Modification Item 3 of 5: Aviation Data Exploitation Capability (ADEC)												
B Kits												
Recurring												
Kit Quantity- Workstation	- / -	- / -	- / -	351 / 1.353	- / -	351 / 1.353	351 / 1.379	351 / 1.405	234 / 0.956	234 / 0.975	- / -	1,521 / 6.068
Kit Quantity- Server	- / -	- / -	- / -	70 / 5.234	- / -	70 / 5.234	70 / 5.333	70 / 5.441	47 / 3.981	47 / 4.054	- / -	304 / 24.043
ECP (SW)	- / -	- / -	- / -	- / 7.965	- / -	- / 7.965	- / 7.923	- / 7.099	- / 7.592	- / 12.319	- / -	- / 42.898

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan
Models of Systems Affected: AH-64D/E, CH-47D/F, OH-58D, UH-60A/L/M/Q, HH-60L/M	**Modification Type:** Rationalization, Standardization, Interoperability, Compatibility, Simplification	**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)*
Data	- / -	- / -	- / -	- / 0.110	- / -	- / 0.110	- / 0.310	- / 0.316	- / 0.322	- / 0.328	- / -	- / 1.386
Systems Engineering	- / -	- / -	- / -	- / 0.046	- / -	- / 0.046	- / 1.098	- / 1.119	- / 1.140	- / 1.162	- / -	- / 4.565
System Test & Eval	- / -	- / -	- / -	- / 0.514	- / -	- / 0.514	- / 1.047	- / 1.067	- / 1.087	- / 1.108	- / -	- / 4.823
Fielding/Training	- / -	- / -	- / -	- / 6.275	- / -	- / 6.275	- / 8.193	- / 9.096	- / 5.230	- / 4.593	- / -	- / 33.387
Other- PM Admin	- / -	- / -	- / -	- / 0.126	- / -	- / 0.126	- / 1.509	- / 1.537	- / 1.567	- / 1.596	- / -	- / 6.335
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / 21.623*	*- / -*	*- / 21.623*	*- / 26.792*	*- / 27.080*	*- / 21.875*	*- / 26.135*	*- / -*	*- / 123.505*
Subtotal: Aviation Data Exploitation Capability (ADEC)	*- / -*	*- / -*	*- / -*	*421 / 21.623*	*- / -*	*421 / 21.623*	*421 / 26.792*	*421 / 27.080*	*281 / 21.875*	*281 / 26.135*	*- / -*	*1,825 / 123.505*
Modification Item 4 of 5: Aircraft Notebook (ACN)												
B Kits												
Recurring												
ECP (SW)	- / -	- / -	- / -	- / 0.600	- / -	- / 0.600	- / -	- / -	- / 1.156	- / 1.178	- / -	- / 2.934
Data	- / -	- / -	- / -	- / 0.040	- / -	- / 0.040	- / -	- / -	- / 0.414	- / 0.422	- / -	- / 0.876
Systems Engineering	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.034	- / 1.054	- / -	- / 2.088
System Test	- / -	- / -	- / -	- / 0.051	- / -	- / 0.051	- / -	- / -	- / 0.502	- / 0.512	- / -	- / 1.065
Fielding/Training	- / -	- / -	- / -	- / 7.837	- / -	- / 7.837	- / -	- / -	- / 8.071	- / 3.531	- / -	- / 19.439
Other- PM Admin	- / -	- / -	- / -	- / 0.274	- / -	- / 0.274	- / -	- / -	- / 0.401	- / 0.339	- / -	- / 1.014
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / 8.802*	*- / -*	*- / 8.802*	*- / -*	*- / -*	*- / 11.578*	*- / 7.036*	*- / -*	*- / 27.416*
Subtotal: Aircraft Notebook (ACN)	*- / -*	*- / -*	*- / -*	*- / 8.802*	*- / -*	*- / 8.802*	*- / -*	*- / -*	*- / 11.578*	*- / 7.036*	*- / -*	*- / 27.416*
Modification Item 5 of 5: Aviation Logistics Enterprise-Platform (ALE-P)												
B Kits												
Recurring												
Kit Quantity (Work station)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	523 / 1.341	544 / 1.828	- / -	1,067 / 3.169
Kit Quantity (Server)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.656	5 / 0.804	- / -	8 / 1.460
Kit Quantity (Port)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.076	- / 0.147	- / -	- / 0.223
ECPs	- / -	- / -	- / -	- / 0.640	- / -	- / 0.640	- / -	- / -	- / 3.312	- / 3.372	- / -	- / 7.324
Systems Engineering	- / -	- / -	- / -	- / 0.042	- / -	- / 0.042	- / -	- / -	- / 1.395	- / 1.422	- / -	- / 2.859
Data	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.405	- / -	- / -	- / 0.405
System Test & Eval	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.036	- / -	- / -	- / 1.036
PM Admin	- / -	- / -	- / -	- / 0.102	- / -	- / 0.102	- / -	- / -	- / 0.611	- / 0.655	- / -	- / 1.368
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / 0.784*	*- / -*	*- / 0.784*	*- / -*	*- / -*	*- / 8.832*	*- / 8.228*	*- / -*	*- / 17.844*
Non-Recurring												
Fielding	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.649	- / 0.671	- / -	- / 9.320

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan
Models of Systems Affected: AH-64D/E, CH-47D/F, OH-58D, UH-60A/L/M/Q, HH-60L/M	**Modification Type:** Rationalization, Standardization, Interoperability, Compatibility, Simplification	**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)*
Subtotal: Non-Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.649	- / 0.671	- / -	- / 9.320
Subtotal: Aviation Logistics Enterprise-Platform (ALE-P)	- / -	- / -	- / -	- / 0.784	- / -	- / 0.784	- / -	- / -	526 / 17.481	549 / 8.899	- / -	1,075 / 27.164
Subtotal: Procurement, All Modification Items	1,662 / 117.187	701 / 130.527	462 / 92.326	639 / 114.182	- / -	639 / 114.182	538 / 110.667	1,853 / 118.330	2,677 / 171.708	1,412 / 144.804	- / -	9,944 / 999.731
Installation												
Modification Item 1 of 5: Aviation Mission Planning System (AMPS)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 2 of 5: Improved Data Modem (IDM)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 3 of 5: Aviation Data Exploitation Capability (ADEC)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 4 of 5: Aircraft Notebook (ACN)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 5 of 5: Aviation Logistics Enterprise-Platform (ALE-P)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal: Installation	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total												
Total Cost (Procurement + Support + Installation)	**117.187**	**130.527**	**92.326**	**114.182**	**-**	**114.182**	**110.667**	**118.330**	**171.708**	**144.804**	**-**	**999.731**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan

Modification Item 1 of 5: Aviation Mission Planning System (AMPS)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: AMRDEC Software Engineering Directorate	Manufacturer Location: Redstone Arsenal, AL
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Not Applicable

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan

Modification Item 2 of 5: Improved Data Modem (IDM)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Symetrics Industries, LLC	Manufacturer Location: Melborne, FL
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Not Applicable

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan

Modification Item 3 of 5: Aviation Data Exploitation Capability (ADEC)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: AMRDEC Software Engineering Directorate	Manufacturer Location: Redstone Arsenal, AL
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Not Applicable

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan

Modification Item 4 of 5: Aircraft Notebook (ACN)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: AMRDEC Software Engineering Directorate	Manufacturer Location: Redstone Arsenal, AL
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Not Applicable

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0712 / Network And Mission Plan	**Modification Number / Title:** AA0712 / Network and Mission Plan

Modification Item 5 of 5: Aviation Logistics Enterprise-Platform (ALE-P)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Not Applicable

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0604201A

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)*	117.855	88.815	92.779	115.795	-	115.795	127.720	116.828	153.268	217.498	-	1,030.558
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	117.855	88.815	92.779	115.795	-	115.795	127.720	116.828	153.268	217.498	-	1,030.558
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**117.855**	**88.815**	**92.779**	**115.795**	**-**	**115.795**	**127.720**	**116.828**	**153.268**	**217.498**	**-**	**1,030.558**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The current Navigation Systems provide Army Aviation with extremely accurate and secure navigation and timing, assists in situational awareness, and aids in prevention of fratricide. The Global Positioning System (GPS) is installed in two configurations based upon mission profile, operational requirements, and avionics architecture of the aircraft. The Doppler GPS Navigation System (DGNS) is used for the Non-bussed Utility and Cargo helicopters. The Embedded GPS Inertial Navigation System (EGI) is integrated into the Modernized Cargo, Utility, Attack, Kiowa Warrior, and Special Operations fleets of helicopters. The Preplanned Product Improvement (P3I) DGNS is being installed on the Blackhawk (UH-60A/L and HH-60A/L) and Chinook (CH-47D) aircraft. The P3I EGI is being installed on UH/HH-60M, CH-47F, Apache Block III (AH-64E), Kiowa Warrior (OH-58F) and Special Operations Aircraft (SOA). GPS based navigation systems are required as the primary means of navigation in civil airspace. The modification program to the DGNS Computer Display Unit (CDU) and software upgrade is being conducted to reduce pilot workload and fatigue through a user friendly interface as well as provide maps and charts to augment tactical and Instrument Flight Rules navigational operations.

The Aviation Tactical Communication Systems (ATCS) is an Army Aviation Program to procure Alternative Communications (Alt Comms) A and B Kits to meet minimum acceptable near term communication requirements due to delays in the Joint Tactical Radio System (JTRS) program. Alt Comms B-Kits include the ARC-201D and the ARC-231 radio sets along with associated power amplifiers and mounts. A-Kit hardware and software is planned to be procured through the prime contractor for each platform.

The JTRS program integrates, installs and qualifies JTRS hardware and software for production and fielded Army Aviation Aircraft, SOA, and Unmanned Aircraft Systems (UAS) platforms to enable the operation of JTRS certified radios with SINCGARS, Soldier Radio Waveform, and mid-tier wideband networking waveforms, such as the Wideband Networking Waveform or other advanced networking waveforms. This program also provides for the procurement and installation of radio retrofit A-Kits for use on platforms that were fielded without these capabilities. JTRS radios and ancillaries are procured by the Joint Program Executive Office for JTRS and are not part of the JTRS integration effort.

The Blue Force Tracker - Aviation (BFT-A) Program integrates, qualifies, and manages the installation of BFT-2 system installation kits (A-Kit) for Army Rotary Wing Aircraft. The A-Kit utilizes the BFT-2 transceiver and KGV-72 boxes provided by PM Joint Battle Command - Platform (JBC-P).

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0604201A

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	81.517	92.779	115.795	-	115.795	70.246	64.256	84.298	119.624
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	7.298	-	-	-	-	51.088	46.731	61.307	86.999
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-	6.386	5.841	7.663	10.875
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**88.815**	**92.779**	**115.795**	**-**	**115.795**	**127.720**	**116.828**	**153.268**	**217.498**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0723 / Communications, Navigation, and Surveillance	P-3a		-	-	117.855	-	-	88.815	-	-	92.779	-	-	115.795	-	-	-	-	-	115.795
Total Gross/Weapon System Cost			**-**	**-**	**117.855**	**-**	**-**	**88.815**	**-**	**-**	**92.779**	**-**	**-**	**115.795**	**-**	**-**	**-**	**-**	**-**	**115.795**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0723 / Communications, Navigation, and Surveillance	P-3a		-	-	127.720	-	-	116.828	-	-	153.268	-	-	217.498	-	-	-	-	-	1,030.558
Total Gross/Weapon System Cost			**-**	**-**	**127.720**	**-**	**-**	**116.828**	**-**	**-**	**153.268**	**-**	**-**	**217.498**	**-**	**-**	**-**	**-**	**-**	**1,030.558**

*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:

FY 2015 Base Procurement dollars in the amount of $7.152 million supports procurement and installation of B-Kits as well as systems engineering and aircraft integration support for the DGNS CDU/Software Upgrade ECPs.

FY 2015 Base Procurement dollars in the amount of $53.107 million supports procurement and installation of Alt Comms A-Kits and B-Kits for the AH-64D/E, OH-58D/F, CH-47F, UH/HH-60M, LUH, UAS and SOA. An Alt Comms suite of aviation radios comprises a standard configuration of non-developmental and commercial off-the-shelf equipment. The standard configuration consists of two ARC-201D radios, an Improved Frequency Modulation (IFM) Power Amplifier (two IFMs for CH-47F), and a suite of ARC-231 radios and associated ancillary items.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:** 0604201A

FY 2015 Base Procurement dollars in the amount of $26.307 million provides for integration and qualification of JTRS certified radios with UH/HH-60M, UH-60L Digital, SOA (MH-47G and MH-60M) to support hardware and software and initial interface definition with on-board systems. This funding also procures 12 JTRS A-Kits for installation on the Shadow UAS platforms and platform engineering services.

FY 2015 Base Procurement dollars in the amount of $29.229 million provides for the procurement of 417 BFT-2 A-Kits and the installation 385 BFT-2 A-Kits. This funding also provides for the continued management, engineering, and logistics activities associated with BFT-1 and BFT-2 Systems.

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.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance

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)*	117.855	88.815	92.779	115.795	-	115.795	127.720	116.828	153.268	217.498	-	1,030.558
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	117.855	88.815	92.779	115.795	-	115.795	127.720	116.828	153.268	217.498	-	1,030.558
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**117.855**	**88.815**	**92.779**	**115.795**	**-**	**115.795**	**127.720**	**116.828**	**153.268**	**217.498**	**-**	**1,030.558**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The current Navigation Systems provide Army Aviation with extremely accurate and secure navigation and timing, assists in situational awareness, and aids in prevention of fratricide. The Global Positioning System (GPS) is installed in two configurations based upon mission profile, operational requirements, and avionics architecture of the aircraft. The Doppler GPS Navigation System (DGNS) is used for the Non-bussed Utility and Cargo helicopters. The Embedded GPS Inertial Navigation System (EGI) is integrated into the Modernized Cargo, Utility, Attack, Kiowa Warrior, and Special Operations fleets of helicopters. The Preplanned Product Improvement (P3I) DGNS is being installed on the Blackhawk (UH-60A/L and HH-60A/L) and Chinook (CH-47D) aircraft. The P3I EGI is being installed on UH/HH-60M, CH-47F, Apache Block III (AH-64E), Kiowa Warrior (OH-58F) and Special Operations Aircraft (SOA). GPS based navigation systems are required as the primary means of navigation in civil airspace. The modification program to the DGNS Computer Display Unit (CDU) and software upgrade is being conducted to reduce pilot workload and fatigue through a user friendly interface as well as provide maps and charts to augment tactical and Instrument Flight Rules navigational operations.

The Aviation Tactical Communication Systems (ATCS) is an Army Aviation Program to procure Alternative Communications (Alt Comms) A and B Kits to meet minimum acceptable near term communication requirements due to delays in the Joint Tactical Radio System (JTRS) program. Alt Comms B-Kits include the ARC-201D and the ARC-231 radio sets along with associated power amplifiers and mounts. A-Kit hardware and software is planned to be procured through the prime contractor for each platform.

The JTRS program integrates, installs and qualifies JTRS hardware and software for production and fielded Army Aviation Aircraft, SOA, and Unmanned Aircraft Systems (UAS) platforms to enable the operation of JTRS certified radios with SINCGARS, Soldier Radio Waveform, and mid-tier wideband networking waveforms, such as the Wideband Networking Waveform or other advanced networking waveforms. This program also provides for the procurement and installation of radio retrofit A-Kits for use on platforms that were fielded without these capabilities. JTRS radios and ancillaries are procured by the Joint Program Executive Office for JTRS and are not part of the JTRS integration effort.

The Blue Force Tracker - Aviation (BFT-A) Program integrates, qualifies, and manages the installation of BFT-2 system installation kits (A-Kit) for Army Rotary Wing Aircraft. The A-Kit utilizes the BFT-2 transceiver and KGV-72 boxes provided by PM Joint Battle Command - Platform (JBC-P).

FY 2015 Base Procurement dollars in the amount of $7.152 million supports procurement and installation of B-Kits as well as systems engineering and aircraft integration support for the DGNS CDU/Software Upgrade ECPs.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance

FY 2015 Base Procurement dollars in the amount of $53.107 million supports procurement of Alt Comms A-Kits and B-Kits for the AH-64D/E, OH-58D/F, CH-47F, UH/HH-60M, LUH, UAS and SOA. An Alt Comms suite of aviation radios comprises a standard configuration of non-developmental and commercial off-the-shelf equipment. The standard configuration consists of two ARC-201D radios, an Improved Frequency Modulation (IFM) Power Amplifier (two IFMs for CH-47F), and a suite of ARC-231 radios and associated ancillary items.

FY 2015 Base Procurement dollars in the amount of $26.307 million provides for integration and qualification of JTRS certified radios with UH/HH-60M, UH-60L Digital, SOA (MH-47G and MH-60M) to support hardware and software and initial interface definition with on-board systems. This funding also procures 12 JTRS A-Kits for installation on the Shadow UAS platforms and platform engineering services.

FY 2015 Base Procurement dollars in the amount of $29.229 million provides for the procurement of 417 BFT-2 A-Kits and the installation 385 BFT-2 A-Kits. This funding also provides for the continued management, engineering, and logistics activities associated with BFT-1 and BFT-2 Systems.

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
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	81.517	92.779	115.795	-	115.795	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	7.298	-	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**88.815**	**92.779**	**115.795**	**-**	**115.795**	**127.720**	**116.828**	**153.268**	**217.498**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance
Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, OH-58D/F, AH-64D/E, LUH, UAS	**Modification Type:** New or Improved Operational Capability	**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 6: DGNS (AN/ASN-128D) P3I												
A Kits												
Recurring												
Engineering Change Orders	0 / 2.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.800
Data	0 / 0.500	- / 1.212	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.712
Training Equipment	0 / 3.400	- / 3.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.800
Systems Engineering	0 / 5.700	- / 3.231	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.931
Other - PM Admin	0 / 0.800	- / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500
Subtotal: Recurring	*- / 13.200*	*- / 8.543*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 21.743*
Subtotal: DGNS (AN/ASN-128D) P3I	*0 / 13.200*	*- / 8.543*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 21.743*
Modification Item 2 of 6: DGNS (AN/ASN-128D) CDU/ Software Upgrade ECP												
A Kits												
Recurring												
Data	- / -	- / -	- / 0.387	- / 0.650	- / -	- / 0.650	- / -	- / -	- / -	- / -	- / -	- / 1.037
Systems Engineering	- / -	- / 0.336	- / 0.680	- / 1.594	- / -	- / 1.594	- / 1.691	- / 0.560	- / 0.560	- / 0.621	- / -	- / 6.042
Other - PM Admin	- / -	- / -	- / 0.470	- / 0.513	- / -	- / 0.513	- / 0.500	- / 0.530	- / 0.470	- / 0.587	- / -	- / 3.070
Subtotal: Recurring	*- / -*	*- / 0.336*	*- / 1.537*	*- / 2.757*	*- / -*	*- / 2.757*	*- / 2.191*	*- / 1.090*	*- / 1.030*	*- / 1.208*	*- / -*	*- / 10.149*
Non-Recurring												
Aircft Integ-Nonrecurring	- / -	- / -	- / 1.293	- / 2.728	- / -	- / 2.728	- / -	- / -	- / -	- / -	- / -	- / 4.021
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / 1.293*	*- / 2.728*	*- / -*	*- / 2.728*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 4.021*
B Kits												
Recurring												
Kit Quantity - B-Kit	- / -	- / -	12 / 0.456	40 / 1.640	- / -	40 / 1.640	120 / 5.390	70 / 2.510	80 / 3.070	70 / 3.070	368 / -	760 / 16.136
Subtotal: Recurring	*- / -*	*- / -*	*- / 0.456*	*- / 1.640*	*- / -*	*- / 1.640*	*- / 5.390*	*- / 2.510*	*- / 3.070*	*- / 3.070*	*- / -*	*- / 16.136*
Subtotal: DGNS (AN/ASN-128D) CDU/Software Upgrade ECP	*- / -*	*- / 0.336*	*12 / 3.286*	*40 / 7.125*	*- / -*	*40 / 7.125*	*120 / 7.581*	*70 / 3.600*	*80 / 4.100*	*70 / 4.278*	*368 / -*	*760 / 30.306*
Modification Item 3 of 6: Embedded GPS Inertial Navigation System (EGI) P3I												
A Kits												

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance
Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, OH-58D/F, AH-64D/E, LUH, UAS	**Modification Type:** New or Improved Operational Capability	**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)*
Recurring												
Engineering Change Orders	0 / 0.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.800
Data	0 / 0.101	- / 0.165	- / 0.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.716
Training Equipment	0 / 0.100	- / 0.100	- / 0.577	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.777
Systems Engineering	0 / 1.400	- / 0.570	- / 3.250	- / -	- / -	- / -	- / 0.500	- / 0.530	- / 0.560	- / 0.590	- / -	- / 7.400
Other - PM Admin	0 / 1.000	- / 0.465	- / 0.480	- / -	- / -	- / -	- / 0.500	- / 0.530	- / 0.560	- / 0.590	- / -	- / 4.125
Subtotal: Recurring	*- / 3.401*	*- / 1.300*	*- / 4.757*	*- / -*	*- / -*	*- / -*	*- / 1.000*	*- / 1.060*	*- / 1.120*	*- / 1.180*	*- / -*	*- / 13.818*
Non-Recurring												
Aircraft Integration	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.000	- / 1.500	- / 1.500	- / 1.886	- / -	- / 5.886
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1.000*	*- / 1.500*	*- / 1.500*	*- / 1.886*	*- / -*	*- / 5.886*
B Kits												
Recurring												
Kit Quantity - B-Kit	5 / 0.400	15 / 1.600	- / -	- / -	- / -	- / -	66 / 6.199	63 / 5.888	73 / 6.739	67 / 6.480	- / -	289 / 27.306
Subtotal: Recurring	*- / 0.400*	*- / 1.600*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 6.199*	*- / 5.888*	*- / 6.739*	*- / 6.480*	*- / -*	*- / 27.306*
Subtotal: Embedded GPS Inertial Navigation System (EGI) P3I	*5 / 3.801*	*15 / 2.900*	*- / 4.757*	*- / -*	*- / -*	*- / -*	*66 / 8.199*	*63 / 8.448*	*73 / 9.359*	*67 / 9.546*	*- / -*	*289 / 47.010*
Modification Item 4 of 6: Aviation Tactical Communication Systems (ATCS)												
A Kits												
Recurring												
Kit Quantity-A-Kit	112 / 3.300	41 / 6.300	107 / 4.281	48 / 1.920	- / -	48 / 1.920	- / -	- / -	- / -	- / -	- / -	308 / 15.801
Systems Engineering	0 / 3.300	- / 3.400	- / 3.500	- / 2.294	- / -	- / 2.294	- / 1.299	- / 1.150	- / 3.750	- / 2.899	- / -	- / 21.592
System Test & Evaluation	0 / 2.000	- / 2.000	- / 2.200	- / 2.584	- / -	- / 2.584	- / 1.649	- / 1.046	- / 2.898	- / 3.111	- / -	- / 17.488
Fielding/Training	0 / 4.100	- / 4.900	- / 4.300	- / 3.020	- / -	- / 3.020	- / 0.729	- / 0.649	- / 0.757	- / 0.771	- / -	- / 19.226
Other - PM Admin SEPM	0 / 3.500	- / 3.600	- / 5.724	- / 3.717	- / -	- / 3.717	- / 2.510	- / 2.531	- / 3.632	- / 3.712	- / -	- / 28.926
Subtotal: Recurring	*- / 16.200*	*- / 20.200*	*- / 20.005*	*- / 13.535*	*- / -*	*- / 13.535*	*- / 6.187*	*- / 5.376*	*- / 11.037*	*- / 10.493*	*- / -*	*- / 103.033*
Non-Recurring												
ECPs - Nonrecurring	0 / 21.000	- / 21.000	- / 13.948	- / 6.314	- / -	- / 6.314	- / 4.038	- / 1.848	- / 8.019	- / 8.202	- / -	- / 84.369
Subtotal: Non-Recurring	*- / 21.000*	*- / 21.000*	*- / 13.948*	*- / 6.314*	*- / -*	*- / 6.314*	*- / 4.038*	*- / 1.848*	*- / 8.019*	*- / 8.202*	*- / -*	*- / 84.369*
B Kits												
Recurring												

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance
Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, OH-58D/F, AH-64D/E, LUH, UAS	**Modification Type:** New or Improved Operational Capability	**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)*
Kit Quantity-B-Kit (ARC-231)	383 / 34.700	190 / 22.304	231 / 27.357	262 / 20.419	- / -	262 / 20.419	426 / 26.357	296 / 18.456	710 / 54.555	1,460 / 118.109	- / -	3,958 / 322.257
Kit Quantity-B-Kit (ARC201D)	252 / 7.800	98 / 3.100	103 / 7.055	208 / 6.220	- / -	208 / 6.220	95 / 2.894	128 / 3.973	62 / 1.961	36 / 1.160	- / -	982 / 34.163
Kit Quantity-B-Kit (IFM)	252 / 4.800	98 / 1.900	103 / 2.298	104 / 2.487	- / -	104 / 2.487	95 / 2.315	128 / 3.178	62 / 1.569	36 / 0.928	- / -	878 / 19.475
Subtotal: Recurring	*- / 47.300*	*- / 27.304*	*- / 36.710*	*- / 29.126*	*- / -*	*- / 29.126*	*- / 31.566*	*- / 25.607*	*- / 58.085*	*- / 120.197*	*- / -*	*- / 375.895*
Subtotal: Aviation Tactical Communication Systems (ATCS)	*999 / 84.500*	*427 / 68.504*	*544 / 70.663*	*622 / 48.975*	*- / -*	*622 / 48.975*	*616 / 41.791*	*552 / 32.831*	*834 / 77.141*	*1,532 / 138.892*	*- / -*	*6,126 / 563.297*
Modification Item 5 of 6: Joint Tactical Radio Systems (JTRS)												
A Kits												
Recurring												
Kit Quantity - A-Kit	- / -	- / -	12 / 0.812	12 / 1.103	- / -	12 / 1.103	16 / 1.404	20 / 1.431	40 / 5.161	97 / 5.830	2,189 / -	2,386 / 15.741
Engineering Chage Orders	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.526	- / 5.857	- / 5.860	- / 5.877	- / -	- / 20.120
Support Equipment	- / -	- / -	- / 0.415	- / 2.424	- / -	- / 2.424	- / 3.435	- / 3.508	- / 3.582	- / -	- / -	- / 13.364
System Test and Evaluation	0 / 2.000	- / 2.000	- / 2.387	- / -	- / -	- / -	- / 3.600	- / 5.200	- / 3.860	- / 3.600	- / -	- / 22.647
System Eng/Prog Mgmt (SEPM)	- / -	- / -	- / -	- / 0.805	- / -	- / 0.805	- / 2.495	- / 2.804	- / 2.870	- / 3.032	- / -	- / 12.006
Subtotal: Recurring	*- / 2.000*	*- / 2.000*	*- / 3.614*	*- / 4.332*	*- / -*	*- / 4.332*	*- / 13.460*	*- / 18.800*	*- / 21.333*	*- / 18.339*	*- / -*	*- / 83.878*
Non-Recurring												
NRE Aircraft Integration	0 / 13.300	- / 2.804	- / 4.159	- / 21.923	- / -	- / 21.923	- / 21.143	- / 20.442	- / 17.398	- / 21.827	- / -	- / 122.996
Subtotal: Non-Recurring	*- / 13.300*	*- / 2.804*	*- / 4.159*	*- / 21.923*	*- / -*	*- / 21.923*	*- / 21.143*	*- / 20.442*	*- / 17.398*	*- / 21.827*	*- / -*	*- / 122.996*
Subtotal: Joint Tactical Radio Systems (JTRS)	*0 / 15.300*	*- / 4.804*	*12 / 7.773*	*12 / 26.255*	*- / -*	*12 / 26.255*	*16 / 34.603*	*20 / 39.242*	*40 / 38.731*	*97 / 40.166*	*2,189 / -*	*2,386 / 206.874*
Modification Item 6 of 6: Blue Force Tracker-Aviation												
A Kits												
Recurring												
BFT-A A-Kits	- / -	- / -	- / -	417 / 7.721	- / -	417 / 7.721	432 / 8.001	336 / 6.225	334 / 6.190	340 / 6.303	1,679 / -	3,538 / 34.440
Test / Engineering	- / -	- / -	- / -	- / 6.655	- / -	- / 6.655	- / 5.120	- / 3.024	- / 2.810	- / 2.742	- / -	- / 20.351
Fielding / Training	- / -	- / -	- / -	- / 2.720	- / -	- / 2.720	- / 1.065	- / 1.071	- / 0.957	- / 0.800	- / -	- / 6.613
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / 17.096*	*- / -*	*- / 17.096*	*- / 14.186*	*- / 10.320*	*- / 9.957*	*- / 9.845*	*- / -*	*- / 61.404*
Non-Recurring												
Test / Engineering	- / -	- / -	- / -	- / 0.778	- / -	- / 0.778	- / -	- / -	- / -	- / -	- / -	- / 0.778
SEPM	- / -	- / -	- / -	- / 4.717	- / -	- / 4.717	- / 4.588	- / 4.673	- / 4.761	- / 4.854	- / -	- / 23.593
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / -*	*- / 5.495*	*- / -*	*- / 5.495*	*- / 4.588*	*- / 4.673*	*- / 4.761*	*- / 4.854*	*- / -*	*- / 24.371*

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance
Models of Systems Affected: UH/HH-60A/L, UH/HH/MH-60M, CH-47D, CH/MH-47F, OH-58D/F, AH-64D/E, LUH, UAS	**Modification Type:** New or Improved Operational Capability	**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)*
Subtotal: Blue Force Tracker-Aviation	- / -	- / -	- / -	*417 / 22.591*	- / -	*417 / 22.591*	*432 / 18.774*	*336 / 14.993*	*334 / 14.718*	*340 / 14.699*	*1,679 / -*	*3,538 / 85.775*
Subtotal: Procurement, All Modification Items	*1,004 / 116.801*	*442 / 85.087*	*568 / 86.479*	*1,091 / 104.946*	- / -	*1,091 / 104.946*	*1,250 / 110.948*	*1,041 / 99.114*	*1,361 / 144.049*	*2,106 / 207.581*	*4,236 / -*	*13,099 / 955.005*
Installation												
Modification Item 1 of 6: DGNS (AN/ASN-128D) P3I	46 / 0.295	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.295
Modification Item 2 of 6: DGNS (AN/ASN-128D) CDU/ Software Upgrade ECP	0 / 0.000	- / -	- / -	9 / 0.027	- / -	9 / 0.027	33 / 0.099	100 / 0.300	100 / 0.300	70 / 0.210	448 / -	760 / 0.936
Modification Item 3 of 6: Embedded GPS Inertial Navigation System (EGI) P3I	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 4 of 6: Aviation Tactical Communication Systems (ATCS)	19 / 0.759	93 / 3.728	41 / 6.300	107 / 4.132	- / -	107 / 4.132	24 / 8.861	24 / 9.029	- / -	- / -	- / -	308 / 32.809
Modification Item 5 of 6: Joint Tactical Radio Systems (JTRS)	0 / 0.000	- / -	- / -	12 / 0.052	- / -	12 / 0.052	12 / 0.072	16 / 0.091	20 / 2.269	40 / 3.152	2,286 / -	2,386 / 5.636
Modification Item 6 of 6: Blue Force Tracker-Aviation	0 / 0.000	- / -	- / -	385 / 6.638	- / -	385 / 6.638	417 / 7.740	432 / 8.294	336 / 6.650	334 / 6.555	2,019 / -	3,923 / 35.877
Subtotal: Installation	*65 / 1.054*	*93 / 3.728*	*41 / 6.300*	*513 / 10.849*	- / -	*513 / 10.849*	*486 / 16.772*	*572 / 17.714*	*456 / 9.219*	*444 / 9.917*	*4,753 / -*	*7,423 / 75.553*
Total												
Total Cost (Procurement + Support + Installation)	**117.855**	**88.815**	**92.779**	**115.795**	**-**	**115.795**	**127.720**	**116.828**	**153.268**	**217.498**	**-**	**1,030.558**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance

Modification Item 1 of 6: DGNS (AN/ASN-128D) P3I

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: BAE International Incorporated	Manufacturer Location: Wayne, NJ
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	46 / 0.295	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	46 / 0.295
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	46 / 0.295	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	46 / 0.295

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	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
Out	36	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance

Modification Item 2 of 6: DGNS (AN/ASN-128D) CDU/Software Upgrade ECP

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: BAE International Incorporated	Manufacturer Location: Wayne, NJ
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates		Nov 2014	Nov 2015	Nov 2016	Nov 2017	Nov 2018	Nov 2019

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	9 / 0.027	- / -	9 / 0.027	3 / 0.009	- / -	- / -	- / -	- / -	12 / 0.036
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	30 / 0.090	10 / 0.030	- / -	- / -	- / -	40 / 0.120
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	90 / 0.270	30 / 0.090	- / -	- / -	120 / 0.360
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 0.210	- / -	- / -	70 / 0.210
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 0.210	10 / -	80 / 0.210
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / -	70 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	368 / -	368 / -
Total	0 / 0.000	- / -	- / -	9 / 0.027	- / -	9 / 0.027	33 / 0.099	100 / 0.300	100 / 0.300	70 / 0.210	448 / -	760 / 0.936

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	-	-	-	-	-	-	-	-	-	-	3	3	3	3	10	10	10	10	30	30	30	30	30	30	10	-	30	30	10	448	760
Out	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	10	10	10	10	30	30	30	30	30	30	10	-	30	30	458	760

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance

Modification Item 3 of 6: Embedded GPS Inertial Navigation System (EGI) P3I

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Honeywell, Incorporated	Manufacturer Location: Clearwater, FL
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Dec 2012			Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates	Nov 2013			Nov 2016	Nov 2017	Nov 2018	Nov 2019

Installation Information

Method of Implementation: Aircraft Platform Funded Installation

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance

Modification Item 4 of 6: Aviation Tactical Communication Systems (ATCS)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 10

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates	Sep 2013	Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018	Sep 2019

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	19 / 0.759	93 / 3.728	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	112 / 4.487
FY 2013	0 / 0.000	- / -	41 / 6.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	41 / 6.300
FY 2014	0 / 0.000	- / -	- / -	107 / 4.132	- / -	107 / 4.132	- / -	- / -	- / -	- / -	- / -	107 / 4.132
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	24 / 8.861	24 / 9.029	- / -	- / -	- / -	48 / 17.890
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	19 / 0.759	93 / 3.728	41 / 6.300	107 / 4.132	- / -	107 / 4.132	24 / 8.861	24 / 9.029	- / -	- / -	- / -	308 / 32.809

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	19	35	20	20	18	11	10	10	10	19	38	24	26	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-	308
Out	-	19	35	20	20	18	11	10	10	10	19	38	24	26	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	308

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance

Modification Item 5 of 6: Joint Tactical Radio Systems (JTRS)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Mar 2014	Mar 2015	Mar 2016	Mar 2017	Mar 2018	Mar 2019
Delivery Dates		Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018	Sep 2019

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	12 / 0.052	- / -	12 / 0.052	- / -	- / -	- / -	- / -	- / -	12 / 0.052
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / 0.072	- / -	- / -	- / -	- / -	12 / 0.072
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	16 / 0.091	- / -	- / -	- / -	16 / 0.091
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 2.269	- / -	- / -	20 / 2.269
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 3.152	- / -	40 / 3.152
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	97 / -	97 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,189 / -	2,189 / -
Total	0 / 0.000	- / -	- / -	12 / 0.052	- / -	12 / 0.052	12 / 0.072	16 / 0.091	20 / 2.269	40 / 3.152	2,286 / -	2,386 / 5.636

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	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	10	10	10	10	2,286	2,386
Out	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	10	10	10	2,296	2,386

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0723 / Comms, Nav Surveillance	**Modification Number / Title:** AA0723 / Communications, Navigation, and Surveillance

Modification Item 6 of 6: Blue Force Tracker-Aviation

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Prototype Integration Facility (PIF)	Manufacturer Location: Redstone Arsenal, AL
Administrative Leadtime *(in Months)*: 8	Production Leadtime *(in Months)*: 10

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Jun 2015	Jun 2016	Jun 2017	Jun 2018	Jun 2019
Delivery Dates			Mar 2016	Mar 2017	Mar 2018	Mar 2019	Mar 2020

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	385 / 6.638	- / -	385 / 6.638	- / -	- / -	- / -	- / -	- / -	385 / 6.638
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	417 / 7.740	- / -	- / -	- / -	- / -	417 / 7.740
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	432 / 8.294	- / -	- / -	- / -	432 / 8.294
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	336 / 6.650	- / -	- / -	336 / 6.650
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	334 / 6.555	- / -	334 / 6.555
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	340 / -	340 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,679 / -	1,679 / -
Total	0 / 0.000	- / -	- / -	385 / 6.638	- / -	385 / 6.638	417 / 7.740	432 / 8.294	336 / 6.650	334 / 6.555	2,019 / -	3,923 / 35.877

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	-	-	-	-	-	-	-	-	-	97	97	97	94	105	105	105	102	109	109	109	105	84	84	84	84	84	84	84	82	2,019	3,923
Out	-	-	-	-	-	-	-	-	-	-	97	97	97	94	105	105	105	102	109	109	109	105	84	84	84	84	84	84	84	84	2,101	3,923

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup

ID Code (A=Service Ready, B=Not Service Ready) :			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)*	219	5	10	2	-	2	10	8	8	4	-	266
Gross/Weapon System Cost *($ in Millions)*	655.880	37.065	65.613	54.277	-	54.277	63.901	67.064	71.353	76.920	-	1,092.073
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	655.880	37.065	65.613	54.277	-	54.277	63.901	67.064	71.353	76.920	-	1,092.073
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**655.880**	**37.065**	**65.613**	**54.277**	**-**	**54.277**	**63.901**	**67.064**	**71.353**	**76.920**	**-**	**1,092.073**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	2,994.886	7,413.000	6,561.300	27,138.500	-	27,138.500	6,390.100	8,383.000	8,919.125	19,230.000	-	4,105.538

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

Description:

This budget line supports procurement of Global Air Traffic Management equipment for both Fixed Wing (FW) and Rotary Wing (RW) aircraft.

Global Air Traffic Management (GATM) is the military equivalent of the International Civil Aviation architecture known as Communications, Navigation and Surveillance (CNS) and air traffic management programs. GATM is a Department of Defense term that describes the equipment, training, and procedures mandated by Civilian Air Traffic Control (ATC) authorities in order to operate within 21st century airspace. Current ground based navigation aids will be phased out of service as the world transitions to digital, data (non-voice), and space based navigation systems. The modernization is designed to meet the current and future service demands posed by aviation growth. The advanced architecture will provide improved safety, accessibility, flexibility, predictability, reliability, capacity, efficiency, and security. Military aircraft will face significant flight restrictions if not GATM equipped.

GATM fixed wing requirements cannot be met with a single piece of avionics equipment. Meeting worldwide GATM fixed wing requirements will entail complete modifications that may include portions of military modifications and the upgrading of some existing avionics and displays and the procurement of new systems for the fixed wing fleet to include Engineer, Furnish and Install as a complete contractual effort. It also leverages Federal Aviation Administration Supplemental Type Certificates (STC) that are already in existence and applies STCs to aircraft modifications. These modifications ensure continued worldwide deployment capability and safe operations.

Meeting worldwide GATM requirements for rotary wing and Unmanned Aircraft System (UAS) fleets will entail the upgrading of some existing avionics and the procurement of new systems. Included in the GATM rotary wing program is the European mandated Mode S requirement which is being met with the fielding of the APX-118, an upgrade to the Identification Friend or Foe (IFF) to add Mode 5 capability which will be achieved through the fielding of the APX-123, worldwide mandated Automatic Dependant Surveillance-Broadcast (ADS-B) Out, which will be a Preplanned Product Improvement (P3I) to the APX-123, and upgrades to meet requirements for 8.33 kHz channel spacing being met with the ARC-231. ADS-B Out is an upgrade of the Mode S self-reporting format. The modification programs to the Doppler Global Positioning System Navigation System (DGNS) and the Embedded GPS Inertial (EGI) Navigation System are being conducted to provide a GPS Primary Means Instrument Flight Rules navigation (en-route through non-precision approach) in civil and military controlled airspace, and navigational requirements for ADS-B Out.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup
ID Code (A=Service Ready, B=Not Service Ready) :	**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
Army	Quantity	5	4	2	-	2	10	7	7	2
	Total Obligation Authority	37.065	59.016	54.277	-	54.277	41.873	42.041	42.814	41.956
ANG	Quantity	-	4	-	-	-	-	-	-	-
	Total Obligation Authority	-	4.614	-	-	-	19.581	19.248	22.320	24.426
AR	Quantity	-	2	-	-	-	-	1	1	2
	Total Obligation Authority	-	1.983	-	-	-	2.447	5.775	6.219	10.538
Total: Secondary Distribution	**Quantity**	**5**	**10**	**2**	**-**	**2**	**10**	**8**	**8**	**4**
	Total Obligation Authority	**37.065**	**65.613**	**54.277**	**-**	**54.277**	**63.901**	**67.064**	**71.353**	**76.920**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0703 / GATM - Fixed Wing Aircraft	P-3a		800.767	219	175.368	1,471.200	5	7.356	1,207.200	10	12.072	6,228.000	2	12.456	-	-	-	6,228.000	2	12.456
P-3a - AA0704 / GATM Rotary Wing Aircraft	P-3a		-	-	480.512	-	-	29.709	-	-	53.541	-	-	41.821	-	-	-	-	-	41.821
Total Gross/Weapon System Cost			**2,994.886**	**219**	**655.880**	**7,413.000**	**5**	**37.065**	**6,561.300**	**10**	**65.613**	**27,138.500**	**2**	**54.277**	**-**	**-**	**-**	**27,138.500**	**2**	**54.277**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - AA0703 / GATM - Fixed Wing Aircraft	P-3a		1,494.900	10	14.949	2,368.125	8	18.945	1,944.125	8	15.553	3,963.500	4	15.854	-	-	-	1,024.635	266	272.553
P-3a - AA0704 / GATM Rotary Wing Aircraft	P-3a		-	-	48.952	-	-	48.119	-	-	55.800	-	-	61.066	-	-	-	-	-	819.520
Total Gross/Weapon System Cost			**6,390.100**	**10**	**63.901**	**8,383.000**	**8**	**67.064**	**8,919.125**	**8**	**71.353**	**19,230.000**	**4**	**76.920**	**-**	**-**	**-**	**4,105.538**	**266**	**1,092.073**

*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:
FY15 Base procurement dollars in the amount of $12.456 million support GATM equipment for fixed wing aircraft. Fixed wing aircraft were purchased with avionics available at the time of production. However, for the Army's fixed wing aircraft to remain current and have unrestricted access to the rapidly changing Air Traffic Management airspace, new CNS equipment will be needed to meet GATM requirements. Unless equipped, the Army's senior leadership will be limited in conducting their worldwide command and control missions because of potential airspace exclusion or routing delays. In addition, new communication and navigation systems will increase reliability and maintainability by employing commercial systems thereby improving aircraft availability for mission requirements.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:**

FY15 APA AA0703 GATM-Fixed Wing Aircraft procurement dollars of $12.456 million are linked to FY15 APA A11300 Fixed Wing Aircraft procurement dollars of $13.617 million and RDT&E PE 0203744A Project D18-FY15 RDT&E dollars of $0.819 million.

FY 2015 Base Procurement dollars in the amount of $4.200 million supports procurement of APX-123 B-Kits and procurement and installation of APX-123 A-Kits for the AH-64D, CH-47D/F, UH-60A/L/M, HH-60A/L, OH-58D, MH-60L/K/M, MH-47D/E/G, A/MH-6 and UAS to provide these aircraft with enhanced IFF Mode 5 capabilities.

FY 2015 Base Procurement dollars in the amount of $7.864 million supports procurement and installation of Mode 5 upgrade kits which convert previously fielded APX-118 transponders to APX-123 transponders.

FY 2015 Base Procurement dollars in the amount of $18.209 million supports the associated Non-Recurring Engineering integration which will facilitate an enhanced GPS in support of ADS-B Out for mandated ATC services for the applicable aviation platforms.

FY 2015 Base Procurement dollars in the amount of $11.548 million supports modification of EGI to meet GATM requirements.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0703 / GATM - Fixed Wing Aircraft

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)*	219	5	10	2	-	2	10	8	8	4	-	266
Gross/Weapon System Cost *($ in Millions)*	175.368	7.356	12.072	12.456	-	12.456	14.949	18.945	15.553	15.854	-	272.553
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	175.368	7.356	12.072	12.456	-	12.456	14.949	18.945	15.553	15.854	-	272.553
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**175.368**	**7.356**	**12.072**	**12.456**	**-**	**12.456**	**14.949**	**18.945**	**15.553**	**15.854**	**-**	**272.553**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	800.767	1,471.200	1,207.200	6,228.000	-	6,228.000	1,494.900	2,368.125	1,944.125	3,963.500	-	1,024.635

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

Description:

Global Air Traffic Management (GATM) is the military equivalent of the International Civil Aviation architecture known as Communications, Navigation and Surveillance (CNS) and air traffic management programs. Current ground based navigation aids will be phased out of service as the world transitions to digital, data (non-voice), and space based navigation systems. Military aircraft will face some level (altitude and location dependent) of flight restrictions if not GATM equipped. GATM requirements cannot be met with a single piece of avionics equipment. Meeting worldwide GATM requirements will entail complete modifications that may include portions of military modifications and the upgrading of some existing avionics and displays and the procurement of new system for the fixed wing fleet to include Engineer, Furnish and Install (EF&I) as a complete contractual effort. It also leverages Federal Aviation Administration (FAA) supplemental type certificates (STC) that are already in existence and applies STCs to aircraft modifications. These modifications ensure continued worldwide deployment capability and safe operations.

FY15 Base procurement dollars in the amount of $12.456 million support GATM equipment for fixed wing aircraft. Fixed wing aircraft were purchased with avionics available at the time of production. However, for the Army's fixed wing aircraft to remain current and have unrestricted access to the rapidly changing Air Traffic Management airspace, new CNS equipment will be needed to meet GATM requirements. Unless equipped, the Army's senior leadership will be limited in conducting their worldwide command and control missions because of potential airspace exclusion or routing delays. In addition, new communication and navigation systems will increase reliability and maintainability by employing commercial systems thereby improving aircraft availability for mission requirements.

FY15 APA AA0703 GATM-Fixed Wing Aircraft procurement dollars of $12.456 million are linked to FY15 APA A11300 Fixed Wing Aircraft procurement dollars of $13.617 million and RDT&E PE 0203744A Project D18-FY15 RDT&E dollars of $0.819 million.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	5	4	2	-	2	-	-	-	-
	Total Obligation Authority	7.356	5.475	12.456	-	12.456	-	-	-	-
ANG	Quantity	-	4	-	-	-	-	-	-	-
	Total Obligation Authority	-	4.614	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0703 / GATM - Fixed Wing Aircraft

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
AR	Quantity	-	2	-	-	-	-	-	-	-
	Total Obligation Authority	-	1.983	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**5**	**10**	**2**	**-**	**2**	**10**	**8**	**8**	**4**
	Total Obligation Authority	**7.356**	**12.072**	**12.456**	**-**	**12.456**	**14.949**	**18.945**	**15.553**	**15.854**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0703 / GATM - Fixed Wing Aircraft
Models of Systems Affected: All series of Army fixed wing aircraft	**Modification Type:** Rationalization, Standardization, Interoperability, Compatibility, Simplification	**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: Global Air Traffic Management - FW												
A Kits												
Recurring												
Installation Kits	219 / 122.457	5 / 5.149	10 / 8.350	2 / 8.585	- / -	2 / 8.585	10 / 10.330	8 / 13.125	8 / 10.759	4 / 11.069	- / -	266 / 189.824
Data	0 / 0.300	- / 0.100	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / 0.100	- / -	- / -	- / 0.900
Subtotal: Recurring	*- / 122.757*	*- / 5.249*	*- / 8.450*	*- / 8.685*	*- / -*	*- / 8.685*	*- / 10.430*	*- / 13.225*	*- / 10.859*	*- / 11.069*	*- / -*	*- / 190.724*
Subtotal: Global Air Traffic Management - FW	*219 / 122.757*	*5 / 5.249*	*10 / 8.450*	*2 / 8.685*	*- / -*	*2 / 8.685*	*10 / 10.430*	*8 / 13.225*	*8 / 10.859*	*4 / 11.069*	*- / -*	*266 / 190.724*
Subtotal: Procurement, All Modification Items	*219 / 122.757*	*5 / 5.249*	*10 / 8.450*	*2 / 8.685*	*- / -*	*2 / 8.685*	*10 / 10.430*	*8 / 13.225*	*8 / 10.859*	*4 / 11.069*	*- / -*	*266 / 190.724*
Installation												
Modification Item 1 of 1: Global Air Traffic Management - FW	219 / 52.611	5 / 2.107	10 / 3.622	2 / 3.771	- / -	2 / 3.771	10 / 4.519	8 / 5.720	8 / 4.694	4 / 4.785	- / -	266 / 81.829
Subtotal: Installation	*219 / 52.611*	*5 / 2.107*	*10 / 3.622*	*2 / 3.771*	*- / -*	*2 / 3.771*	*10 / 4.519*	*8 / 5.720*	*8 / 4.694*	*4 / 4.785*	*- / -*	*266 / 81.829*
Total												
Total Cost (Procurement + Support + Installation)	**175.368**	**7.356**	**12.072**	**12.456**	**-**	**12.456**	**14.949**	**18.945**	**15.553**	**15.854**	**-**	**272.553**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0703 / GATM - Fixed Wing Aircraft

Modification Item 1 of 1: Global Air Traffic Management - FW

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Multiple Commercial Lenders	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates	May 2013	May 2014	May 2015	May 2016	May 2017	May 2018	May 2019

Installation Information

Method of Implementation: Contractor

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)*
Prior Years	185 / 48.292	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	185 / 48.292
FY 2013	34 / 4.319	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34 / 4.319
FY 2014	0 / 0.000	5 / 2.107	10 / 3.622	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 5.729
FY 2015	0 / 0.000	- / -	- / -	2 / 3.771	- / -	2 / 3.771	- / -	- / -	- / -	- / -	- / -	2 / 3.771
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	10 / 4.519	- / -	- / -	- / -	- / -	10 / 4.519
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	8 / 5.720	- / -	- / -	- / -	8 / 5.720
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 4.694	- / -	- / -	8 / 4.694
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 4.785	- / -	4 / 4.785
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	219 / 52.611	5 / 2.107	10 / 3.622	2 / 3.771	- / -	2 / 3.771	10 / 4.519	8 / 5.720	8 / 4.694	4 / 4.785	- / -	266 / 81.829

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	219	2	1	1	1	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	254
Out	210	9	2	1	1	1	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	254

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

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)*	480.512	29.709	53.541	41.821	-	41.821	48.952	48.119	55.800	61.066	-	819.520
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	480.512	29.709	53.541	41.821	-	41.821	48.952	48.119	55.800	61.066	-	819.520
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**480.512**	**29.709**	**53.541**	**41.821**	**-**	**41.821**	**48.952**	**48.119**	**55.800**	**61.066**	**-**	**819.520**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

Global Air Traffic Management (GATM) is the military equivalent of the International Civil Aviation architecture known as Communications, Navigation, Surveillance and Air Traffic Management programs. GATM is a Department of Defense (DoD) term that describes the equipment, training, and procedures mandated by Civilian Air Traffic Control (ATC) authorities in order to operate within 21st century airspace. Most ground based navigation aids will be phased out of service as the world transitions to a modernized air traffic management system. The modernization is designed to meet the current and future service demands posed by aviation growth. The advanced architecture will provide improved safety, accessibility, flexibility, predictability, reliability, capacity, efficiency, and security. Military aircraft will face significant flight restrictions if not GATM equipped. GATM requirements are driven by civil aviation authorities and are not under DoD control. Meeting worldwide GATM requirements will entail the upgrading of some existing avionics and the procurement of new systems for rotary wing and Unmanned Aircraft System (UAS) fleets. Included in the GATM Program is the European mandated Mode S requirement which is being met with the fielding of the APX-118, an upgrade to the Identification Friend or Foe (IFF) to add Mode 5 capability which will be achieved through the fielding of the APX-123, worldwide mandated Automatic Dependant Surveillance-Broadcast (ADS-B) Out, which will be a Preplanned Product Improvement (P3I) to the APX-123, and upgrades to meet requirements for 8.33 kHz channel spacing being met with the ARC-231. ADS-B Out is an upgrade of the Mode S self-reporting format. The modification programs to the Doppler Global Positioning System Navigation System (DGNS) and the Embedded GPS Inertial (EGI) Navigation System are being conducted to provide a GPS Primary Means Instrument Flight Rules navigation (en-route through non-precision approach) in civil and military controlled airspace, and navigational requirements for ADS-B Out.

GATM provides Army aircraft improved capabilities to allow them to continue to operate in civil controlled airspace without threat of exclusion. IFF Mode 5 provides enhanced security and greatly improved performance over Mode 4. It also improves compatibility with civil ATC by providing less interference. The Full Operational Capability for Mode 5 is 2020. Europe currently mandates Mode S and plans expansion of 8.33 kHz Very High Frequency - Amplitude Modulation (VHF-AM) in controlled airspace to ground level in high volume traffic areas. The Federal Aviation Administration (FAA) has mandated the use of ADS-B Out by 2020. Army aircraft will not be allowed to transit through or operate in European airspace affected by these mandates unless the necessary Mode S upgrades are made. The Mode S transponder impacts European based aircraft as well as those deploying to Europe. ADS-B Out will also impact access in worldwide airspace. The recurring procurement of Mode S kits started in FY02 and procurement and installations continue. Benefits of GATM include direct routing through civil airspace resulting in significant savings in both time and money. It allows unrestricted operations in worldwide civil controlled airspace and improves safety and operational efficiency while meeting the new worldwide frequency spectrum requirements.

FY 2015 Base Procurement dollars in the amount of $4.200 million supports procurement of APX-123 B-Kits and procurement and installation of APX-123 A-Kits for the UH-60A/L/M, HH-60A/L, CH-47D/F, MH-47G, MH-60M, A/MH-6, AH-64D/E, OH-58D/F and UAS to provide these aircraft with enhanced IFF Mode 5 capabilities.

FY 2015 Base Procurement dollars in the amount of $7.864 million supports procurement and installation of Mode 5 upgrade kits which convert previously fielded APX-118 transponders to APX-123 transponders.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

FY 2015 Base Procurement dollars in the amount of $18.209 million supports procurement of A & B Kits and the associated Non-Recurring Engineering (NRE) integration which will facilitate an enhanced GPS in support of ADS-B Out for mandated ATC services for the applicable aviation platforms.

FY 2015 Base Procurement dollars in the amount of $11.548 million supports modification of EGI to meet GATM requirements.

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
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	29.709	53.541	41.821	-	41.821	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**29.709**	**53.541**	**41.821**	**-**	**41.821**	**48.952**	**48.119**	**55.800**	**61.066**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft
Models of Systems Affected: UH&HH60A/L, CH47D/F, UH60M, MH47G, MH60M, A/MH6, AH64A/D/E, OH58D/F, UAS	**Modification Type:** New or Improved Operational Capability	**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 8: Global Air Traffice Mgmt RW APX-118												
A Kits												
Recurring												
Kit Qty-APX-118 A-Kits	2,048 / 9.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,048 / 9.200
Aircraft Integration	0 / 5.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.900
Data	0 / 4.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.800
Training Equipment	0 / 3.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.400
Fielding	0 / 5.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.300
Systems Engr/Prog Mgt (SEPM)	0 / 13.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.500
System Test & Eval	0 / 3.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.500
Other-PM Admin	0 / 14.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 14.500
Other	0 / 5.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.600
Subtotal: Recurring	*- / 65.700*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 65.700*
Non-Recurring												
Engineering Change Orders	0 / 7.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.200
Subtotal: Non-Recurring	*- / 7.200*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 7.200*
B Kits												
Recurring												
Kit Qty-APX-118 B-Kits	2,635 / 113.812	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,635 / 113.812
Subtotal: Recurring	*- / 113.812*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 113.812*
Non-Recurring												
B-Kit Nonrecurring	0 / 6.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.600
Subtotal: Non-Recurring	*- / 6.600*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*- / 6.600*
Subtotal: Global Air Traffice Mgmt RW APX-118	*4,683 / 193.312*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*4,683 / 193.312*
Modification Item 2 of 8: Global Air Traffic Mgmt RW APX-123												
A Kits												
Recurring												
Kit Quantity - APX-123 A-Kits	32 / 0.100	225 / 1.100	168 / 1.908	168 / 0.400	- / -	168 / 0.400	82 / 0.300	82 / 0.300	- / -	- / -	- / -	757 / 4.108
AirCrft Integ/RCUs/KIV77	0 / 13.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.100

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft
Models of Systems Affected: UH&HH60A/L, CH47D/F, UH60M, MH47G, MH60M, A/MH6, AH64A/D/E, OH58D/F, UAS	**Modification Type:** New or Improved Operational Capability	**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)*
ECP	0 / 5.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.100
Systems Eng/Prog Mgt (SEPM)	0 / 11.300	- / 1.151	- / 0.700	- / 0.400	- / -	- / 0.400	- / 0.400	- / 0.300	- / -	- / -	- / -	- / 14.251
Other PM Admin	0 / 4.100	- / 0.100	- / 0.450	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / -	- / -	- / -	- / 4.950
Subtotal: Recurring	*- / 33.700*	*- / 2.351*	*- / 3.058*	*- / 0.900*	*- / -*	*- / 0.900*	*- / 0.800*	*- / 0.700*	*- / -*	*- / -*	*- / -*	*- / 41.509*
B Kits												
Recurring												
Kit Quantity - APX-123 B-Kits	723 / 18.100	375 / 15.133	168 / 15.848	268 / 3.100	- / -	268 / 3.100	147 / 1.900	144 / 1.000	- / -	- / -	- / -	1,825 / 55.081
Subtotal: Recurring	*- / 18.100*	*- / 15.133*	*- / 15.848*	*- / 3.100*	*- / -*	*- / 3.100*	*- / 1.900*	*- / 1.000*	*- / -*	*- / -*	*- / -*	*- / 55.081*
Non-Recurring												
B-Kits, Nonrecurring	0 / 22.600	- / 0.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.400
Subtotal: Non-Recurring	*- / 22.600*	*- / 0.800*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 23.400*
Subtotal: Global Air Traffic Mgmt RW APX-123	*755 / 74.400*	*600 / 18.284*	*336 / 18.906*	*436 / 4.000*	*- / -*	*436 / 4.000*	*229 / 2.700*	*226 / 1.700*	*- / -*	*- / -*	*- / -*	*2,582 / 119.990*
Modification Item 3 of 8: Global Air Traffic Mgmt RW APX-118 Upgrade Kits												
A Kits												
Recurring												
Kit Qty- Upgrade A-Kits	522 / 2.641	250 / 1.335	- / -	200 / 0.800	- / -	200 / 0.800	- / -	- / -	- / -	- / -	- / -	972 / 4.776
Engineering Change Orders	0 / 1.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.123
System Eng/Prog Mgt (SEPM)	0 / 8.800	- / 0.200	- / 0.100	- / 0.600	- / -	- / 0.600	- / 0.200	- / 0.100	- / -	- / -	- / -	- / 10.000
Subtotal: Recurring	*- / 12.564*	*- / 1.535*	*- / 0.100*	*- / 1.400*	*- / -*	*- / 1.400*	*- / 0.200*	*- / 0.100*	*- / -*	*- / -*	*- / -*	*- / 15.899*
B Kits												
Recurring												
Kit Qty- Upgrade B-Kits	1,620 / 16.000	300 / 5.402	- / -	462 / 5.964	- / -	462 / 5.964	132 / 1.449	- / -	- / -	- / -	- / -	2,514 / 28.815
Subtotal: Recurring	*- / 16.000*	*- / 5.402*	*- / -*	*- / 5.964*	*- / -*	*- / 5.964*	*- / 1.449*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 28.815*
Non-Recurring												
B-Kits Nonrecurring	0 / 1.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.200
Subtotal: Non-Recurring	*- / 1.200*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1.200*
Subtotal: Global Air Traffic Mgmt RW APX-118 Upgrade Kits	*2,142 / 29.764*	*550 / 6.937*	*- / 0.100*	*662 / 7.364*	*- / -*	*662 / 7.364*	*132 / 1.649*	*- / 0.100*	*- / -*	*- / -*	*- / -*	*3,486 / 45.914*
Modification Item 4 of 8: Global Air Traffic Mgmt RW ADS-B Out												
A Kits												

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft
Models of Systems Affected: UH&HH60A/L, CH47D/F, UH60M, MH47G, MH60M, A/MH6, AH64A/D/E, OH58D/F, UAS	**Modification Type:** New or Improved Operational Capability	**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)*
Recurring												
Kit Qty: ADS-B Out A-Kits	- / -	- / -	- / -	306 / 1.800	- / -	306 / 1.800	680 / 3.000	886 / 2.700	1,391 / 5.618	1,221 / 5.900	- / -	4,484 / 19.018
Engineering Change Orders	0 / 1.100	- / 0.050	- / 0.700	- / 0.700	- / -	- / 0.700	- / 0.700	- / 0.500	- / 0.600	- / 0.800	- / -	- / 5.150
Data	0 / 0.800	- / 0.145	- / 0.320	- / 0.700	- / -	- / 0.700	- / 0.710	- / 0.500	- / 0.600	- / 0.800	- / -	- / 4.575
Training Equipment	0 / 2.100	- / 0.040	- / 0.855	- / 0.900	- / -	- / 0.900	- / 0.500	- / 0.420	- / 0.450	- / 0.700	- / -	- / 5.965
Fielding	0 / 0.400	- / 0.025	- / 0.214	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.220	- / 0.400	- / 0.600	- / -	- / 2.259
System Eng/Prog Mgt (SEPM)	0 / 2.200	- / 0.100	- / 3.026	- / 2.334	- / -	- / 2.334	- / 1.200	- / 1.103	- / 2.507	- / 2.861	- / -	- / 15.331
System Test & Eval (ST&E)	0 / 0.200	- / 0.200	- / 5.468	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.250	- / 1.244	- / 1.500	- / -	- / 9.262
Other- PM Admin	0 / 2.300	- / 0.500	- / 1.000	- / 1.100	- / -	- / 1.100	- / 1.200	- / 0.925	- / 2.000	- / 2.300	- / -	- / 11.325
Subtotal: Recurring	*- / 9.100*	*- / 1.060*	*- / 11.583*	*- / 7.934*	*- / -*	*- / 7.934*	*- / 7.710*	*- / 6.618*	*- / 13.419*	*- / 15.461*	*- / -*	*- / 72.885*
Non-Recurring												
Non-Recurring Engineering	0 / 10.700	- / 1.177	- / 12.029	- / 4.575	- / -	- / 4.575	- / 7.709	- / 3.221	- / 1.098	- / 1.600	- / -	- / 42.109
Subtotal: Non-Recurring	*- / 10.700*	*- / 1.177*	*- / 12.029*	*- / 4.575*	*- / -*	*- / 4.575*	*- / 7.709*	*- / 3.221*	*- / 1.098*	*- / 1.600*	*- / -*	*- / 42.109*
B Kits												
Recurring												
Kit Qty: ADS-B Out B-Kits	- / -	- / -	- / -	306 / 5.700	- / -	306 / 5.700	680 / 11.355	886 / 11.121	1,391 / 14.871	1,221 / 15.200	- / -	4,484 / 58.247
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / 5.700*	*- / -*	*- / 5.700*	*- / 11.355*	*- / 11.121*	*- / 14.871*	*- / 15.200*	*- / -*	*- / 58.247*
Subtotal: Global Air Traffic Mgmt RW ADS-B Out	*0 / 19.800*	*- / 2.237*	*- / 23.612*	*612 / 18.209*	*- / -*	*612 / 18.209*	*1,360 / 26.774*	*1,772 / 20.960*	*2,782 / 29.388*	*2,442 / 32.261*	*- / -*	*8,968 / 173.241*
Modification Item 5 of 8: Global Air Traffic Mgmt RW ARC-231												
A Kits												
Recurring												
Kit Qty- ARC-231 A-Kit	372 / 22.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	372 / 22.100
Testing	0 / 0.800	- / 0.851	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.651
PM Admin / SEPM	0 / 4.950	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.950
Subtotal: Recurring	*- / 27.850*	*- / 0.851*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 28.701*
Non-Recurring												
NRE (A-Kit)	0 / 2.495	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.495
Subtotal: Non-Recurring	*- / 2.495*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 2.495*
B Kits												
Recurring												
Kit Qty- ARC-231 B-Kit	372 / 60.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	372 / 60.300

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft
Models of Systems Affected: UH&HH60A/L, CH47D/F, UH60M, MH47G, MH60M, A/MH6, AH64A/D/E, OH58D/F, UAS	**Modification Type:** New or Improved Operational Capability	**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)*
Subtotal: Recurring	- / 60.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 60.300
Subtotal: Global Air Traffic Mgmt RW ARC-231	744 / 90.645	- / 0.851	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	744 / 91.496
Modification Item 6 of 8: Global Air Traffic Mgmt RW Transition Doors												
A Kits												
Non-Recurring												
Equipment, Nonrecurring	0 / 10.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.400
Subtotal: Non-Recurring	- / 10.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.400
B Kits												
Recurring												
Transition Doors, Procurement	396 / 29.327	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	396 / 29.327
Subtotal: Recurring	- / 29.327	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 29.327
Subtotal: Global Air Traffic Mgmt RW Transition Doors	396 / 39.727	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	396 / 39.727
Modification Item 7 of 8: DGNS (AN/ASN-128D) SDC Upgrade												
A Kits												
Recurring												
Data	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / 0.500	- / 0.250	- / -	- / -	- / 1.250
Training Equipment	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.683	- / -	- / -	- / -	- / 2.683
Systems Engineering	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.912	- / 0.892	- / 0.500	- / -	- / -	- / 2.304
PM Admin (SEPM)	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.438	- / 0.500	- / 0.250	- / -	- / -	- / 1.188
Subtotal: Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.850	- / 4.575	- / 1.000	- / -	- / -	- / 7.425
B Kits												
Recurring												
Kit Quantity -- B-Kit	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.720	80 / 4.800	70 / 4.379	60 / 5.201	538 / -	760 / 15.100
Subtotal: Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.720	- / 4.800	- / 4.379	- / 5.201	- / -	- / 15.100
Non-Recurring												
B-Kit, Nonrecurring	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.888	- / -	- / -	- / -	- / -	- / 12.888
Subtotal: Non-Recurring	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.888	- / -	- / -	- / -	- / -	- / 12.888
Subtotal: DGNS (AN/ASN-128D) SDC Upgrade	- / -	- / -	- / -	- / -	- / -	- / -	12 / 15.458	80 / 9.375	70 / 5.379	60 / 5.201	538 / -	760 / 35.413
Modification Item 8 of 8: Embedded GPS Inertial (EGI) Navigation System ECP												

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft
Models of Systems Affected: UH&HH60A/L, CH47D/F, UH60M, MH47G, MH60M, A/MH6, AH64A/D/E, OH58D/F, UAS	**Modification Type:** New or Improved Operational Capability	**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)*
A Kits												
Recurring												
Aircraft Integration	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.513	- / 8.072	- / 8.000	- / -	- / 23.585
Data	- / -	- / -	- / 0.500	- / 0.500	- / -	- / 0.500	- / -	- / 0.250	- / 0.250	- / 0.250	- / -	- / 1.750
Systems Engineering	- / -	- / -	- / 1.000	- / 1.000	- / -	- / 1.000	- / -	- / 0.500	- / 0.500	- / 0.500	- / -	- / 3.500
Other	- / -	- / -	- / 0.500	- / 0.500	- / -	- / 0.500	- / -	- / 0.250	- / 0.250	- / 0.200	- / -	- / 1.700
Subtotal: Recurring	*- / -*	*- / -*	*- / 2.000*	*- / 2.000*	*- / -*	*- / 2.000*	*- / -*	*- / 8.513*	*- / 9.072*	*- / 8.950*	*- / -*	*- / 30.535*
B Kits												
Recurring												
Kit Quantity -- B-Kit	- / -	- / -	- / -	- / -	- / -	- / -	- / -	124 / 5.279	209 / 9.189	291 / 9.388	2,876 / -	3,500 / 23.856
Subtotal: Recurring	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 5.279*	*- / 9.189*	*- / 9.388*	*- / -*	*- / 23.856*
Non-Recurring												
B-Kit, Nonrecurring	- / -	- / -	- / 7.017	- / 9.548	- / -	- / 9.548	- / -	- / -	- / -	- / -	- / -	- / 16.565
Subtotal: Non-Recurring	*- / -*	*- / -*	*- / 7.017*	*- / 9.548*	*- / -*	*- / 9.548*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 16.565*
Subtotal: Embedded GPS Inertial (EGI) Navigation System ECP	*- / -*	*- / -*	*- / 9.017*	*- / 11.548*	*- / -*	*- / 11.548*	*- / -*	*124 / 13.792*	*209 / 18.261*	*291 / 18.338*	*2,876 / -*	*3,500 / 70.956*
Subtotal: Procurement, All Modification Items	*8,720 / 447.648*	*1,150 / 28.309*	*336 / 51.635*	*1,710 / 41.121*	*- / -*	*1,710 / 41.121*	*1,733 / 46.581*	*2,202 / 45.927*	*3,061 / 53.028*	*2,793 / 55.800*	*3,414 / -*	*25,119 / 770.049*
Installation												
Modification Item 1 of 8: Global Air Traffice Mgmt RW APX-118	1,783 / 13.056	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,783 / 13.056
Modification Item 2 of 8: Global Air Traffic Mgmt RW APX-123	0 / 0.000	- / -	225 / 0.300	168 / 0.200	- / -	168 / 0.200	168 / 0.200	82 / 0.300	62 / 0.300	20 / 0.306	- / -	725 / 1.606
Modification Item 3 of 8: Global Air Traffic Mgmt RW APX-118 Upgrade Kits	637 / 3.800	520 / 1.400	638 / 1.606	125 / 0.500	- / -	125 / 0.500	462 / 1.071	132 / 0.500	- / -	- / -	- / -	2,514 / 8.877
Modification Item 4 of 8: Global Air Traffic Mgmt RW ADS-B Out	0 / 0.000	- / -	- / -	- / -	- / -	- / -	306 / 0.900	680 / 1.092	886 / 1.400	1,391 / 3.292	1,221 / -	4,484 / 6.684
Modification Item 5 of 8: Global Air Traffic Mgmt RW ARC-231	320 / 16.008	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	320 / 16.008
Modification Item 6 of 8: Global Air Traffic Mgmt RW Transition Doors	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 7 of 8: DGNS (AN/ASN-128D) SDC Upgrade	0 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / 0.200	80 / 0.300	70 / 0.700	60 / 1.000	538 / -	760 / 2.200

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft
Models of Systems Affected: UH&HH60A/L, CH47D/F, UH60M, MH47G, MH60M, A/MH6, AH64A/D/E, OH58D/F, UAS	**Modification Type:** New or Improved Operational Capability	**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)*
Modification Item 8 of 8: Embedded GPS Inertial (EGI) Navigation System ECP	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	124 / 0.372	209 / 0.668	3,167 / -	3,500 / 1.040
Subtotal: Installation	*2,740 / 32.864*	*520 / 1.400*	*863 / 1.906*	*293 / 0.700*	*- / -*	*293 / 0.700*	*948 / 2.371*	*974 / 2.192*	*1,142 / 2.772*	*1,680 / 5.266*	*4,926 / -*	*14,086 / 49.471*
Total												
Total Cost (Procurement + Support + Installation)	**480.512**	**29.709**	**53.541**	**41.821**	**-**	**41.821**	**48.952**	**48.119**	**55.800**	**61.066**	**-**	**819.520**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

Modification Item 1 of 8: Global Air Traffice Mgmt RW APX-118

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: BAE Systems, Incorporated	Manufacturer Location: Greenlawn, NY
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	1,783 / 13.056	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	1,783 / 13.056
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1,783 / 13.056	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,783 / 13.056

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	1,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,783
Out	1,783	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,783

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

Modification Item 2 of 8: Global Air Traffic Mgmt RW APX-123

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: BAE Systems, Incorporated	Manufacturer Location: Greenlawn, NY
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 15

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016		
Delivery Dates	Feb 2014	Feb 2015	Feb 2016	Feb 2017	Feb 2018		

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	225 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	225 / 0.300
FY 2014	0 / 0.000	- / -	- / -	168 / 0.200	- / -	168 / 0.200	- / -	- / -	- / -	- / -	- / -	168 / 0.200
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	168 / 0.200	- / -	- / -	- / -	- / -	168 / 0.200
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	82 / 0.300	- / -	- / -	- / -	82 / 0.300
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 0.300	20 / 0.306	- / -	82 / 0.606
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	225 / 0.300	168 / 0.200	- / -	168 / 0.200	168 / 0.200	82 / 0.300	62 / 0.300	20 / 0.306	- / -	725 / 1.606

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	-	-	-	-	-	-	-	113	112	42	42	42	42	42	42	42	42	20	20	21	21	16	16	15	15	10	10	-	-	-	725
Out	-	-	-	-	-	-	-	-	113	112	42	42	42	42	42	42	42	42	20	20	21	21	16	16	15	15	10	10	-	-	725

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

Modification Item 3 of 8: Global Air Traffic Mgmt RW APX-118 Upgrade Kits

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: BAE Systems, Incorporated	Manufacturer Location: Greenlawn, NY
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 14

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Dec 2012	Dec 2013	Dec 2014	Dec 2015			
Delivery Dates	Jan 2014	Jan 2015	Jan 2016	Jan 2017			

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	637 / 3.800	520 / 1.400	463 / 1.206	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	1,620 / 6.406
FY 2013	0 / 0.000	- / -	175 / 0.400	125 / 0.500	- / -	125 / 0.500	- / -	- / -	- / -	- / -	- / -	300 / 0.900
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	462 / 1.071	- / -	- / -	- / -	- / -	462 / 1.071
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	132 / 0.500	- / -	- / -	- / -	132 / 0.500
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	637 / 3.800	520 / 1.400	638 / 1.606	125 / 0.500	- / -	125 / 0.500	462 / 1.071	132 / 0.500	- / -	- / -	- / -	2,514 / 8.877

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	637	130	131	129	130	160	161	161	156	32	31	31	31	116	116	115	115	33	34	33	32	-	-	-	-	-	-	-	-	-	2,514
Out	567	111	130	131	129	130	160	161	161	156	32	31	30	30	115	115	114	114	32	33	32	-	-	-	-	-	-	-	-	-	2,514

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

Modification Item 4 of 8: Global Air Traffic Mgmt RW ADS-B Out

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: BAE Systems, Incorporated	Manufacturer Location: Greenlawn, NY
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 16

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates			Mar 2016	Mar 2017	Mar 2018	Mar 2019	Mar 2020

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	306 / 0.900	- / -	- / -	- / -	- / -	306 / 0.900
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	680 / 1.092	- / -	- / -	- / -	680 / 1.092
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	886 / 1.400	- / -	- / -	886 / 1.400
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,391 / 3.292	- / -	1,391 / 3.292
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,221 / -	1,221 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	306 / 0.900	680 / 1.092	886 / 1.400	1,391 / 3.292	1,221 / -	4,484 / 6.684

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	152	170	167	172	171	222	222	221	221	348	348	348	347	1,221	4,484
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	152	170	167	172	171	222	222	221	221	348	348	348	1,568	4,484

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

Modification Item 5 of 8: Global Air Traffic Mgmt RW ARC-231

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Raytheon, Incorporated	Manufacturer Location: Fort Wayne, IN
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	320 / 16.008	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	320 / 16.008
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	320 / 16.008	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	320 / 16.008

Installation Schedule

		FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	PYS	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	TC	Tot
In	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	320
Out	320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	320

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

Modification Item 6 of 8: Global Air Traffic Mgmt RW Transition Doors

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Aviation Applied Technology Directorate (AATD)	Manufacturer Location: Fort Belvoir, VA
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

Modification Item 7 of 8: DGNS (AN/ASN-128D) SDC Upgrade

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: BAE International Incorporated	Manufacturer Location: Wayne, NJ
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Dec 2014	Dec 2015	Dec 2016	Dec 2017	Dec 2018
Delivery Dates			Nov 2015	Nov 2016	Nov 2017	Nov 2018	Nov 2019

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / 0.200	- / -	- / -	- / -	- / -	12 / 0.200
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	80 / 0.300	- / -	- / -	- / -	80 / 0.300
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	70 / 0.700	- / -	- / -	70 / 0.700
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 1.000	- / -	60 / 1.000
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	538 / -	538 / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	12 / 0.200	80 / 0.300	70 / 0.700	60 / 1.000	538 / -	760 / 2.200

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	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	20	20	20	20	20	20	20	10	20	20	10	10	538	760
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	20	20	20	20	20	20	20	10	20	20	10	548	760

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** AA0711 / GATM Rollup	**Modification Number / Title:** AA0704 / GATM Rotary Wing Aircraft

Modification Item 8 of 8: Embedded GPS Inertial (EGI) Navigation System ECP

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: Honeywell, Incorporated	Manufacturer Location: Clearwater, FL
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates					Dec 2016	Dec 2017	Dec 2018
Delivery Dates					Nov 2017	Nov 2018	Nov 2019

Installation Information

Method of Implementation: Modification Work Order (MWO) - Contractor

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	124 / 0.372	- / -	- / -	124 / 0.372
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	209 / 0.668	- / -	209 / 0.668
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	291 / -	291 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,876 / -	2,876 / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	124 / 0.372	209 / 0.668	3,167 / -	3,500 / 1.040

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	41	42	52	52	52	53	3,167	3,500
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	41	42	52	52	52	3,220	3,500

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** A00018 / RQ-7 UAV MODS
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0305204A, 0305233A

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)*	1,364.076	26.215	121.902	125.380	-	125.380	51.699	87.249	58.021	82.034	-	1,916.576
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,364.076	26.215	121.902	125.380	-	125.380	51.699	87.249	58.021	82.034	-	1,916.576
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,364.076**	**26.215**	**121.902**	**125.380**	**-**	**125.380**	**51.699**	**87.249**	**58.021**	**82.034**	**-**	**1,916.576**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

RQ-7 UAV: Tactical Unmanned Aerial System (TUAS) RQ-7 provides the Army Brigade Commander with dedicated Reconnaissance, Surveillance and Target Acquisition (RSTA), Intelligence, Battle Damage Assessment (BDA), Force Protection and Manned-Unmanned Teaming capability. The TUAS Shadow has logged over 880,190 flight hours, most of which were flown in support of Operation Iraqi Freedom and Operation Enduring Freedom. The Shadow air vehicle meets the required operating range of 50 kilometers and remains on station for up to nine hours. The full TUAS Shadow system consists of four air vehicles with payload, launchers, and ground control and support equipment including: power generation, communications equipment, automated recovery equipment, one system remote video terminals (OSRVT), vehicle mounted shelters, and High Mobility Multipurpose Wheeled Vehicles with trailer(s). Each system is equipped with one Maintenance Section Multifunctional (MSM) and is supported at the division level by a Mobile Maintenance Facility (MMF). The baseline fielded payload was the electro-optic infrared (EO/IR), but half of those were replaced with a Laser Designator (LD) payload. All 102 required by the Army Acquisition Objective have been procured. This budget line procures modifications including the Shadow v2, System Modifications, Maintenance Trainers and One System Remote Video Terminal Upgrades.

Implements Shadow v2 and STANAG 4586, meets the Shadow ORD requirement, and provides a secure data link. Shadow v2 retrofit includes extended wings for the air vehicles to accommodate the added weight of v2 data link, procurement of the Portable Ground Control Station (PGCS), Universal Ground Control Station (UGCS), Portable Ground Data Terminal (PGDT) and Universal Ground Data Terminal (UGDT), which are required for interoperability. GFE and spares are also included.

System upgrades not included under Shadow v2 are in the System Mods P3a Form. Upgrades are generally categorized as Air Vehicle, Ground Control Equipment, and Support Equipment.

OSRVT: The One System Remote Video Terminal (OSRVT) systems requires an upgrade to an Increment II OSRVT. The OSRVT upgrade Increment II program of record began in FY2012. The OSRVT Increment II consists of a transceiver, toughbook computer, antennas, UHF Modem, Type 1 encryption, and an extended range antenna (MDAS). Software supports decoding Telemetry Data from multiple UASs, provides EO/IR payload control, and supports off-target calculations.

"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 Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities."

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 02: Modification of Aircraft / BSA 10: Modification of Aircraft	**P-1 Line Item Number / Title:** A00018 / RQ-7 UAV MODS
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0305204A, 0305233A

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	26.215	90.408	91.255	-	91.255	51.699	87.249	58.021	82.034
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	31.494	34.125	-	34.125	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**26.215**	**121.902**	**125.380**	**-**	**125.380**	**51.699**	**87.249**	**58.021**	**82.034**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - A00018 / RQ-7 UAV MODS	P-3a		-	-	1,364.076	-	-	26.215	-	-	121.902	-	-	125.380	-	-	-	-	-	125.380
Total Gross/Weapon System Cost			**-**	**-**	**1,364.076**	**-**	**-**	**26.215**	**-**	**-**	**121.902**	**-**	**-**	**125.380**	**-**	**-**	**-**	**-**	**-**	**125.380**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
P-3a - A00018 / RQ-7 UAV MODS	P-3a		-	-	51.699	-	-	87.249	-	-	58.021	-	-	82.034	-	-	-	-	-	1,916.576
Total Gross/Weapon System Cost			**-**	**-**	**51.699**	**-**	**-**	**87.249**	**-**	**-**	**58.021**	**-**	**-**	**82.034**	**-**	**-**	**-**	**-**	**-**	**1,916.576**

*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:
FY2015 Base funding of $125.380 million provides for production of 20 Shadow v2 retrofits and fielding of Shadow hardware procured in prior years. Also procures 65 OSRVT MDAS Bi-directional retrofit kits for legacy MDAS extended range antennas, 100 OSRVT MDAS antennas, Program Management, Engineering, Logistics, Fielding and New Equipment Training (NET).

Shadow enables MUM-T capability as an alternate means of performing the scout mission under the Aviation Restructure Initiative.

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00018 / RQ-7 UAV MODS	**Modification Number / Title:** A00018 / RQ-7 UAV MODS

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)*	1,364.076	26.215	121.902	125.380	-	125.380	51.699	87.249	58.021	82.034	-	1,916.576
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,364.076	26.215	121.902	125.380	-	125.380	51.699	87.249	58.021	82.034	-	1,916.576
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,364.076**	**26.215**	**121.902**	**125.380**	**-**	**125.380**	**51.699**	**87.249**	**58.021**	**82.034**	**-**	**1,916.576**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

See P40 for description.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	26.215	90.408	91.255	-	91.255	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	31.494	34.125	-	34.125	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**26.215**	**121.902**	**125.380**	**-**	**125.380**	**51.699**	**87.249**	**58.021**	**82.034**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00018 / RQ-7 UAV MODS	**Modification Number / Title:** A00018 / RQ-7 UAV MODS
Models of Systems Affected: N/A	**Modification Type:** UNCLASSIFIED	**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 4: SHADOW Version 2 (v2)												
A Kits												
Recurring												
Software	0 / 11.648	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.648
Pubs/Tech Data	0 / 3.747	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.747
GFE	0 / 37.384	- / 0.653	- / 10.444	- / 7.934	- / -	- / 7.934	- / 1.617	- / -	- / -	- / -	- / -	- / 58.032
Training Equipment	22 / 21.424	10 / 4.607	8 / 6.449	- / -	- / -	- / -	- / -	11 / 23.380	8 / 8.217	13 / 21.262	- / -	72 / 85.339
Training (NET)	0 / 25.002	- / 1.608	- / 9.187	- / 9.361	- / -	- / 9.361	- / 2.385	- / 9.720	- / 9.905	- / 7.570	- / -	- / 74.738
Program Management	0 / 25.602	- / 6.676	- / 3.950	- / 4.003	- / -	- / 4.003	- / 2.659	- / 2.631	- / 2.929	- / 2.354	- / -	- / 50.804
Engineeering	0 / 9.948	- / 1.841	- / -	- / 3.273	- / -	- / 3.273	- / 1.705	- / 1.687	- / 1.878	- / 1.509	- / -	- / 21.841
Logistics	0 / 18.796	- / 0.211	- / 1.881	- / 6.545	- / -	- / 6.545	- / 3.410	- / 3.374	- / 3.756	- / 3.019	- / -	- / 40.992
Subtotal: Recurring	*- / 153.551*	*- / 15.596*	*- / 31.911*	*- / 31.116*	*- / -*	*- / 31.116*	*- / 11.776*	*- / 40.792*	*- / 26.685*	*- / 35.714*	*- / -*	*- / 347.141*
Non-Recurring												
Nonrecurring Engineering (NRE)	0 / 47.761	- / 4.919	- / 14.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 66.830
Subtotal: Non-Recurring	*- / 47.761*	*- / 4.919*	*- / 14.150*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 66.830*
B Kits												
Recurring												
Shadow v2 Retrofit Kits	68 / 574.314	- / -	8 / 52.544	20 / 76.064	- / -	20 / 76.064	4 / 16.615	- / -	- / -	- / -	- / -	100 / 719.537
UGCS Only System Retrofit	28 / 89.763	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	28 / 89.763
Launchers	42 / 12.027	- / -	8 / 3.423	- / -	- / -	- / -	- / -	20 / 9.050	20 / 9.226	20 / 9.372	- / -	110 / 43.098
MMF Retrofit Kits	11 / 10.313	- / -	8 / 6.533	- / -	- / -	- / -	- / -	9 / 7.776	- / -	- / -	- / -	28 / 24.622
Subtotal: Recurring	*- / 686.417*	*- / -*	*- / 62.500*	*- / 76.064*	*- / -*	*- / 76.064*	*- / 16.615*	*- / 16.826*	*- / 9.226*	*- / 9.372*	*- / -*	*- / 877.020*
Subtotal: SHADOW Version 2 (v2)	*171 / 887.729*	*10 / 20.515*	*32 / 108.561*	*20 / 107.180*	*- / -*	*20 / 107.180*	*4 / 28.391*	*40 / 57.618*	*28 / 35.911*	*33 / 45.086*	*- / -*	*338 / 1,290.991*
Modification Item 2 of 4: SHADOW SYSTEM MODIFICATIONS												
A Kits												
Recurring												
Nonrecurring Engineering (NRE)	0 / 2.150	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.150
GPS Denied	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.553	- / -	- / 4.553
Program Management	0 / 3.630	- / -	- / 0.081	- / -	- / -	- / -	- / 0.446	- / 0.533	- / 0.295	- / 0.569	- / -	- / 5.554
Engineering	0 / 1.295	- / -	- / -	- / -	- / -	- / -	- / 0.286	- / 0.342	- / 0.189	- / 0.365	- / -	- / 2.477
Logistics	0 / 1.717	- / -	- / -	- / -	- / -	- / -	- / 0.571	- / 0.683	- / 0.378	- / 0.730	- / -	- / 4.079
Subtotal: Recurring	*- / 8.792*	*- / -*	*- / 0.081*	*- / -*	*- / -*	*- / -*	*- / 1.303*	*- / 1.558*	*- / 0.862*	*- / 6.217*	*- / -*	*- / 18.813*

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	P-1 Line Item Number / Title: A00018 / RQ-7 UAV MODS	Modification Number / Title: A00018 / RQ-7 UAV MODS
Models of Systems Affected: N/A	Modification Type: UNCLASSIFIED	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)*
B Kits												
Recurring												
Attrition Air Vehicles	71 / 56.223	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	71 / 56.223
Mission Computer	- / -	- / -	25 / 1.383	- / -	- / -	- / -	- / -	75 / 4.523	- / -	75 / 4.697	- / -	175 / 10.603
Block III Engine	- / -	- / -	- / -	- / -	- / -	- / -	65 / 3.445	85 / 4.590	50 / 2.751	- / -	- / -	200 / 10.786
Subtotal: Recurring	*- / 56.223*	*- / -*	*- / 1.383*	*- / -*	*- / -*	*- / -*	*- / 3.445*	*- / 9.113*	*- / 2.751*	*- / 4.697*	*- / -*	*- / 77.612*
Subtotal: SHADOW SYSTEM MODIFICATIONS	*71 / 65.015*	*- / -*	*25 / 1.464*	*- / -*	*- / -*	*- / -*	*65 / 4.748*	*160 / 10.671*	*50 / 3.613*	*75 / 10.914*	*- / -*	*446 / 96.425*
Modification Item 3 of 4: SHADOW PAYLOAD UPGRADES/MODIFICATIONS												
A Kits												
Recurring												
Training	0 / 5.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.700
Program Management	0 / 3.506	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.362	- / -	- / 3.868
Engineering	0 / 1.399	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.232	- / -	- / 1.631
Logistics	0 / 2.698	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.464	- / -	- / 3.162
Subtotal: Recurring	*- / 13.303*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1.058*	*- / -*	*- / 14.361*
B Kits												
Recurring												
Laser Designator	106 / 108.850	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	106 / 108.850
EO/IR/LD Upgrade	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 5.876	- / -	10 / 5.876
Subtotal: Recurring	*- / 108.850*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 5.876*	*- / -*	*- / 114.726*
Subtotal: SHADOW PAYLOAD UPGRADES/ MODIFICATIONS	*106 / 122.153*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*10 / 6.934*	*- / -*	*116 / 129.087*
Modification Item 4 of 4: OSRVT MODIFICATIONS												
A Kits												
Recurring												
OSRVT Software License	- / -	- / -	- / 3.320	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.320
Army TIES Retrofit Kits	470 / 56.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	470 / 56.900
Program Management	0 / 12.444	- / 0.591	- / 1.250	- / 1.862	- / -	- / 1.862	- / 1.895	- / 1.930	- / 1.964	- / 1.999	- / -	- / 23.935
Logistics/TPF/NET	0 / 1.553	- / 0.624	- / 1.494	- / 3.422	- / -	- / 3.422	- / 3.097	- / 3.152	- / 2.407	- / 1.633	- / -	- / 17.382
Subtotal: Recurring	*- / 70.897*	*- / 1.215*	*- / 6.064*	*- / 5.284*	*- / -*	*- / 5.284*	*- / 4.992*	*- / 5.082*	*- / 4.371*	*- / 3.632*	*- / -*	*- / 101.537*
Non-Recurring												
Non Recurring Engineering	- / -	- / -	- / 0.138	- / 2.213	- / -	- / 2.213	- / 2.232	- / 2.283	- / 2.101	- / 1.677	- / -	- / 10.644
Engineering/Technical Services	0 / 5.382	- / 0.642	- / 0.705	- / 0.711	- / -	- / 0.711	- / 0.720	- / 0.726	- / 0.734	- / 0.741	- / -	- / 10.361

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00018 / RQ-7 UAV MODS	**Modification Number / Title:** A00018 / RQ-7 UAV MODS
Models of Systems Affected: N/A	**Modification Type:** UNCLASSIFIED	**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)*
Subtotal: Non-Recurring	*- / 5.382*	*- / 0.642*	*- / 0.843*	*- / 2.924*	*- / -*	*- / 2.924*	*- / 2.952*	*- / 3.009*	*- / 2.835*	*- / 2.418*	*- / -*	*- / 21.005*
B Kits												
Recurring												
OSRVT System	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 3.497	83 / 12.200	- / -	104 / 15.697
OSRVT Retrofit Kits	2,937 / 212.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,937 / 212.900
OSRVT MDAS Antennas	- / -	55 / 3.843	70 / 4.970	100 / 8.562	- / -	100 / 8.562	100 / 8.716	40 / 3.549	12 / 1.084	- / -	- / -	377 / 30.724
MDAS BI-Directional Retrofit Kits	- / -	- / -	- / -	65 / 1.430	- / -	65 / 1.430	85 / 1.900	322 / 7.320	290 / 6.710	36 / 0.850	- / -	798 / 18.210
Subtotal: Recurring	*- / 212.900*	*- / 3.843*	*- / 4.970*	*- / 9.992*	*- / -*	*- / 9.992*	*- / 10.616*	*- / 10.869*	*- / 11.291*	*- / 13.050*	*- / -*	*- / 277.531*
Subtotal: OSRVT MODIFICATIONS	*3,407 / 289.179*	*55 / 5.700*	*70 / 11.877*	*165 / 18.200*	*- / -*	*165 / 18.200*	*185 / 18.560*	*362 / 18.960*	*323 / 18.497*	*119 / 19.100*	*- / -*	*4,686 / 400.073*
Subtotal: Procurement, All Modification Items	*3,755 / 1,364.076*	*65 / 26.215*	*127 / 121.902*	*185 / 125.380*	*- / -*	*185 / 125.380*	*254 / 51.699*	*562 / 87.249*	*401 / 58.021*	*237 / 82.034*	*- / -*	*5,586 / 1,916.576*
Installation												
Modification Item 1 of 4: SHADOW Version 2 (v2)	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 2 of 4: SHADOW SYSTEM MODIFICATIONS	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 3 of 4: SHADOW PAYLOAD UPGRADES/MODIFICATIONS	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Modification Item 4 of 4: OSRVT MODIFICATIONS	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Subtotal: Installation	*0 / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*
Total												
Total Cost (Procurement + Support + Installation)	**1,364.076**	**26.215**	**121.902**	**125.380**	**-**	**125.380**	**51.699**	**87.249**	**58.021**	**82.034**	**-**	**1,916.576**

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00018 / RQ-7 UAV MODS	**Modification Number / Title:** A00018 / RQ-7 UAV MODS

Modification Item 1 of 4: SHADOW Version 2 (v2)

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: AAI	Manufacturer Location: Hunt Valley, MD
Administrative Leadtime *(in Months)*: 7	Production Leadtime *(in Months)*: 18

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Jun 2014	May 2015	May 2016			
Delivery Dates		Dec 2015	Nov 2016	Nov 2017			

Installation Information

Method of Implementation: FFP Contract

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00018 / RQ-7 UAV MODS	**Modification Number / Title:** A00018 / RQ-7 UAV MODS

Modification Item 2 of 4: SHADOW SYSTEM MODIFICATIONS

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: AAI	Manufacturer Location: Hunt Valley, MD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: FFP Contract

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00018 / RQ-7 UAV MODS	**Modification Number / Title:** A00018 / RQ-7 UAV MODS

Modification Item 3 of 4: SHADOW PAYLOAD UPGRADES/MODIFICATIONS

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: AAI	Manufacturer Location: Hunt Valley, MD
Administrative Leadtime *(in Months)*:	Production Leadtime *(in Months)*:

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: FFP Contract

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-3a, Individual Modification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 02 / 10	**P-1 Line Item Number / Title:** A00018 / RQ-7 UAV MODS	**Modification Number / Title:** A00018 / RQ-7 UAV MODS

Modification Item 4 of 4: OSRVT MODIFICATIONS

Modification Item MDAP/MAIS Code:

Manufacturer Information

Manufacturer Name: AAI	Manufacturer Location: Hunt Valley, MD
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 12

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Sep 2013	Jul 2014	Mar 2015				
Delivery Dates	Aug 2014	Jul 2015	Mar 2016				

Installation Information

Method of Implementation: FFP Contract

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)*
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics	**P-1 Line Item Number / Title:** AZ3504 / Aircraft Survivability Equipment

ID Code (A=Service Ready, B=Not Service Ready) :			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)*	732.467	32.224	47.610	66.450	-	66.450	131.641	171.082	37.144	41.237	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	732.467	32.224	47.610	66.450	-	66.450	131.641	171.082	37.144	41.237	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**732.467**	**32.224**	**47.610**	**66.450**	**-**	**66.450**	**131.641**	**171.082**	**37.144**	**41.237**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The Aircraft Survivability Equipment (ASE) budget line includes ASE Trainers (AZ3506), ASE Laser Countermeasures (AZ3508), and ASE Radio Frequency Countermeasures (AZ3511).

AZ3506 ASE Trainers

The Aircraft Survivability Equipment Trainers are non-system ASE Training Devices. A current Program of Record (POR) is the Man-portable Aircraft Survivability Trainer (MAST). The MAST system provides force-on-force training by stimulation of the onboard Common Missile Warning System (CMWS) at the Maneuver Combat Training Centers (MCTC). The aircraft training against the MAST system include the Apache, Chinook, Kiowa Warrior, Blackhawk, and Fixed Wing platforms. MAST trasitions to sustainment in 2015.

AZ3508 ASE Laser CM

APO = 1,332

The AN/AVR-2B Laser Detecting Set (LDS) installed on Army rotary-wing aircraft passively detects laser-aided weapons targeting the aircraft and alerts aircrews, allowing them to engage the threat or maneuver to break the targeting. The system detects aircraft illumination by laser rangefinders, laser target designators, and laser beam rider surface-to-air missiles. The system provides the aircrew visual and aural warnings according to threat lethality using 360 degree azimuth and 90 degree elevation field of view coverage.

The LDS Base Procurement dollars reflect an Army Procurement Objective (APO) decrease from 2,245 B-Kits to 1,332 B-Kits.

AZ3511 Radio Frequency CM

APO = 1,200

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics	**P-1 Line Item Number / Title:** AZ3504 / Aircraft Survivability Equipment	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:**

The objective of the Aircraft Survivability Equipment (ASE) Development project is to improve Radio Frequency (RF) ASE for Army aviation. The APR-39 Radar Warning Receiver (RWR) detects, categorizes, and prioritizes Radio Frequency (RF) emitters and provides a visual / aural alert to aircrew members warning them of targeting by RF-guided weapons. The Milestone Decision Authority (MDA) approved Phases 1 and 2 of a 3-phased path forward.

Phase 1 serves as an upgrade to the Processor Line Replaceable Unit (LRU) of the AN/APR-39A(V) Radar Warning Receiver (RWR) implemented to ensure that the currently fielded system remains viable until affordable improved RF ASE capability can be pursued in Phases 2 and 3. Phase 2, RWR Modernization, adopts the ongoing United States Navy Class I RWR Engineering Change Proposal (ECP), commonly referred to as the APR-39D(V)2 system. APR-39D(V)2 will significantly improve the near-spherical RF threat coverage, automatic detection and identification of threat types, bearing, and lethality. Under Phase 2, the Army will develop enhancements to the APR-39D(V)2, including integrated suite control functionality, threat correlation and off-boarding capability, and hardware modifications required to maintain planned integrated jamming growth capability. Phase 3 adds active Electronic Countermeasures (ECM) jamming capability for selected aircraft; Materiel Development Decision (MDD) for this ECM jamming capability phase is not expected until later in the Future Years Defense Program (FYDP).

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	32.224	47.610	66.450	-	66.450	131.641	171.082	37.144	41.237
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**32.224**	**47.610**	**66.450**	**-**	**66.450**	**131.641**	**171.082**	**37.144**	**41.237**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AZ3506 / ASE Trainers	P-40a***		-	-	368.096	-	-	-	-	-	2.666	-	-	-	-	-	-	-	-	-
Item - AZ3508 / ASE Laser CM	P-5, P-5a, P-21		-	-	265.775	-	-	32.224	-	-	44.944	-	-	32.896	-	-	-	-	-	32.896
Item - AZ3511 / Radio Frequency CM	P-5		-	-	98.596	-	-	-	-	-	-	-	-	33.554	-	-	-	-	-	33.554
Total Gross/Weapon System Cost			**-**	**-**	**732.467**	**-**	**-**	**32.224**	**-**	**-**	**47.610**	**-**	**-**	**66.450**	**-**	**-**	**-**	**-**	**-**	**66.450**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AZ3506 / ASE Trainers	P-40a***		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - AZ3508 / ASE Laser CM	P-5, P-5a, P-21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics	**P-1 Line Item Number / Title:** AZ3504 / Aircraft Survivability Equipment
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AZ3511 / Radio Frequency CM	P-5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			**-**	**-**	**131.641**	**-**	**-**	**171.082**	**-**	**-**	**37.144**	**-**	**-**	**41.237**	**Continuing**			**Continuing**		

*** Although this is an Exhibit P-40a item, the actual exhibit is not included since all of the required information for this item is already being shown here.

*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:
AZ3506 ASE Trainers: There is no Fiscal Year (FY) 2015 Base Procurement dollar funding requirement due to the transition of MAST to the Program Executive Office for Simulation, Training, and Instrumentation (PEO STRI) for sustainment.

AZ3508 ASE Laser CM: Fiscal Year (FY) 2015 Base procurement dollars in the amount of $32.896 million procures AN/AVR-2B A-Kits for CH-47F aircraft, installation of A-Kits for UH-60L aircraft in support of required operational capabilities, and integration of AN/AVR-2B LDS with other ASE systems.

AZ3511 Radio Frequency CM: Fiscal Year (FY) 2015 Base Procurement dollars in the amount of $33.554 million funds Phase 2 initial depot facility start up, training, and platform integration on AH-64E A-Kit (Verification/Validation) and RC-12 airframes.

All COMPO 1 Active

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3508 / ASE Laser CM

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)*	265.775	32.224	44.944	32.896	-	32.896	-	-	-	-	-	-
Less PY Advance Procurement *($ in Millions)*	11.565	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	254.210	32.224	44.944	32.896	-	32.896	-	-	-	-	-	-
Plus CY Advance Procurement *($ in Millions)*	11.565	-	-	-	-	-	-	-	-	-	-	11.565
Total Obligation Authority *($ in Millions)*	**265.775**	**32.224**	**44.944**	**32.896**	**-**	**32.896**	**-**	**-**	**-**	**-**	**-**	**-**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Recurring Production		-	-	204.213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non Recurring Engineering (A-Kit)		-	-	-	-	-	5.700	-	-	2.044	-	-	-	-	-	-	-	-	-
A-Kit Procurement(†)		15.586	355	5.533	17.168	226	3.880	21.128	179	3.782	67.788	193	13.083	-	-	-	67.788	193	13.083
A-Kit Installation		-	-	9.589	51.270	63	3.230	66.110	200	13.222	75.710	200	15.142	-	-	-	75.710	200	15.142
A-Kit filters		-	-	-	4.905	420	2.060	6.177	350	2.162	6.500	100	0.650	-	-	-	6.500	100	0.650
B-Kit Procurement(†)		283.677	124	35.176	128.371	62	7.959	172.276	58	9.992	-	-	-	-	-	-	-	-	-
Other Production (Brackets)		-	-	0.064	-	-	3.966	-	-	-	-	-	-	-	-	-	-	-	-
Prime Contractor Program Mgt		-	-	0.894	-	-	0.910	-	-	1.752	-	-	1.010	-	-	-	-	-	1.010
Systems Engineering		-	-	5.852	-	-	1.480	-	-	2.390	-	-	1.510	-	-	-	-	-	1.510
Program Management		-	-	-	-	-	1.450	-	-	2.022	-	-	1.480	-	-	-	-	-	1.480
Systems Test and Evaluation		-	-	2.022	-	-	1.489	-	-	2.512	-	-	-	-	-	-	-	-	-
Training		-	-	0.150	-	-	-	-	-	4.916	-	-	-	-	-	-	-	-	-
Fielding		-	-	2.282	-	-	0.100	-	-	0.150	-	-	0.021	-	-	-	-	-	0.021
Subtotal: Recurring Cost		-	-	*265.775*	-	-	*32.224*	-	-	*44.944*	-	-	*32.896*	-	-	-	-	-	*32.896*
Subtotal: Flyaway Cost		-	-	*265.775*	-	-	*32.224*	-	-	*44.944*	-	-	*32.896*	-	-	-	-	-	*32.896*
Gross/Weapon System Cost		**-**	**-**	**265.775**	**-**	**-**	**32.224**	**-**	**-**	**44.944**	**-**	**-**	**32.896**	**-**	**-**	**-**	**-**	**-**	**32.896**

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3508 / ASE Laser CM

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Recurring Production		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non Recurring Engineering (A-Kit)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Kit Procurement(†)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Kit Installation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
A-Kit filters		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B-Kit Procurement(†)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Production (Brackets)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prime Contractor Program Mgt		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Systems Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Systems Test and Evaluation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	32.224	44.944	32.896	-	32.896	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**32.224**	**44.944**	**32.896**	**-**	**32.896**	**-**	**-**	**-**	**-**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3508 / ASE Laser CM

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
A-Kit Procurement(†)		2013	SESI / Huntsville, AL	C / FFP	LSFMA, Redstone Arsenal, AL	Sep 2013	Apr 2014	226	17.168			
A-Kit Procurement(†)		2014	Various / Various	C / FFP	LSFMA, Redstone Arsenal, AL	Mar 2014	Dec 2014	179	21.128			
A-Kit Procurement(†)		2015	Various / Various	C / FFP	LSFMA, Redstone Arsenal, AL	May 2015	Feb 2016	193	67.788			
B-Kit Procurement(†)		2013	UTC Aerospace Systems / Danbury, CT	SS / FFP	AMCOM Contracting Command, RSA	Aug 2013	May 2014	62	128.371			
B-Kit Procurement(†)		2014	UTC Aerospace Systems / Danbury, CT	SS / FFP	AMCOM Contracting Command, RSA	May 2014	Feb 2015	58	172.276			

(†) indicates the presence of a P-21

Remarks:
The increase in unit price for A-Kits (FY15) and B-Kits (FY14) reflects the change in procurement from 4 sensor systems on UH-60 platforms to 6 sensor systems to support the CH-47 platforms.

Production B-Kit quantities were changed in FY13 and FY14 from 142 and 150 B-Kits respectively, to FY13 62 and FY14 58 B-Kits to support the decrease in the LDS Army Procurement Objective for peacetime contingency operations.

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	**P-1 Line Item Number / Title:** AZ3504 / Aircraft Survivability Equipment	**Item Number / Title [DODIC]:** AZ3508 / ASE Laser CM

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
										Calendar Year 2013												Calendar Year 2014									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
A-Kit Procurement																															
Prior Years Deliveries: 355																															
	1	2013	ARMY	226	-	226												-	-	-	-	-	-	-	25	25	25	25	25	25	76
	2	2014	ARMY	179	-	179																		-	-	-	-	-	-	-	179
	2	2015	ARMY	193	-	193																									193
B-Kit Procurement																															
Prior Years Deliveries: 124																															
	3	2013	ARMY	62	-	62											-	-	-	-	-	-	-	-	-	7	7	7	7	7	27
	3	2014	ARMY	58	-	58																				-	-	-	-	-	58
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	**P-1 Line Item Number / Title:** AZ3504 / Aircraft Survivability Equipment	**Item Number / Title [DODIC]:** AZ3508 / ASE Laser CM

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
										Calendar Year 2015												Calendar Year 2016									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
A-Kit Procurement																															
Prior Years Deliveries: 355																															
	1	2013	ARMY	226	150	76	25	25	25	1																					-
	2	2014	ARMY	179	-	179	-	-	10	20	20	20	20	20	20	20	20	9													-
	2	2015	ARMY	193	-	193								-	-	-	-	-	-	-	-	-	25	25	25	25	25	25	25	18	-
B-Kit Procurement																															
Prior Years Deliveries: 124																															
	3	2013	ARMY	62	35	27	7	7	7	6																					-
	3	2014	ARMY	58	-	58	-	-	-	-	10	10	10	10	10	8															-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	**P-1 Line Item Number / Title:** AZ3504 / Aircraft Survivability Equipment	**Item Number / Title [DODIC]:** AZ3508 / ASE Laser CM

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	SESI - Huntsville, AL	30.00	125.00	300.00	-	3	7	10	-	3	7	10
2	Various - Various	30.00	125.00	300.00	-	3	9	12	-	3	9	12
3	UTC Aerospace Systems - Danbury, CT	60.00	120.00	240.00	-	3	9	12	-	3	9	12

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).

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM

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)*	98.596	-	-	33.554	-	33.554	-	-	-	-	-	-
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	98.596	-	-	33.554	-	33.554	-	-	-	-	-	-
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**98.596**	**-**	**-**	**33.554**	**-**	**33.554**	**-**	**-**	**-**	**-**	**-**	**-**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Hardware Cost																			
Recurring Cost																			
Replacement Flight Line Test Sets		-	-	-	-	-	-	-	-	-	-	-	0.742	-	-	-	-	-	0.742
Training		-	-	-	-	-	-	-	-	-	-	-	6.700	-	-	-	-	-	6.700
Depot Standup		-	-	-	-	-	-	-	-	-	-	-	1.808	-	-	-	-	-	1.808
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	*9.250*	-	-	-	-	-	*9.250*
Non Recurring Cost																			
Initial Production Facility		-	-	-	-	-	-	-	-	-	-	-	1.920	-	-	-	-	-	1.920
Platform Integration		-	-	-	-	-	-	-	-	-	-	-	17.463	-	-	-	-	-	17.463
Subtotal: Non Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	*19.383*	-	-	-	-	-	*19.383*
Subtotal: Hardware Cost		-	-	-	-	-	-	-	-	-	-	-	*28.633*	-	-	-	-	-	*28.633*
Support Cost																			
Systems Engineering		-	-	-	-	-	-	-	-	-	-	-	1.759	-	-	-	-	-	1.759
Program Management		-	-	-	-	-	-	-	-	-	-	-	1.510	-	-	-	-	-	1.510
Prime Contractor		-	-	-	-	-	-	-	-	-	-	-	1.652	-	-	-	-	-	1.652
Other		-	-	98.596	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost		-	-	*98.596*	-	-	-	-	-	-	-	-	*4.921*	-	-	-	-	-	*4.921*
Gross/Weapon System Cost		**-**	**-**	**98.596**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**33.554**	**-**	**-**	**-**	**-**	**-**	**33.554**

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3504 / Aircraft Survivability Equipment	Item Number / Title [DODIC]: AZ3511 / Radio Frequency CM

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Hardware Cost																			
Recurring Cost																			
Replacement Flight Line Test Sets		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depot Standup		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non Recurring Cost																			
Initial Production Facility		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Platform Integration		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support Cost																			
Systems Engineering		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prime Contractor		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	33.554	-	33.554	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**-**	**-**	**33.554**	**-**	**33.554**	**-**	**-**	**-**	**-**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics	**P-1 Line Item Number / Title:** AZ3507 / Survivability CM

ID Code (A=Service Ready, B=Not Service Ready) :	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)*	3,449.620	-	5.700	-	-	-	-	-	-	-	41.000	3,496.320
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	3,449.620	-	5.700	-	-	-	-	-	-	-	41.000	3,496.320
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**3,449.620**	**-**	**5.700**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41.000**	**3,496.320**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

The Advanced Threat Infrared Countermeasure System (ATIRCM) is an infrared (IR) countermeasure system that interfaces with the Common Missile Warning System (CMWS) to provide near spherical coverage of the host aircraft platform in order to defeat IR threat missiles. The US Army's concept of ATIRCM is part of the Suite of Integrated Infrared Countermeasures (SIIRCM). The core components of the SIIRCM concept are: a Missile Warning System (MWS), IR expendables, countermeasures (flares) and a laser based IR countermeasure (IRCM). The SIIRCM detects, declares, and initiates IRCM against IR-guided Surface-to-Air Missiles (SAM) or Air-to-Air Missiles (AAM).

The A-Kit for ATIRCM includes mounting hardware, wiring harnesses, cables, and other components necessary to install and interface the mission kit on host aircraft. The ATIRCM B-Kit is the mission kit (laser, optical coupler, infrared jam head, and jam head control unit) required to achieve near spherical coverage for an aircraft.

The ATIRCM program is a post-Milestone C, Acquisition Category (ACAT) 1C program of record fielded on CH-47 aircraft.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	5.700	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**-**	**5.700**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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

Appropriation / Budget Activity / Budget Sub Activity:
2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics

P-1 Line Item Number / Title:
AZ3507 / Survivability CM

ID Code (A=Service Ready, B=Not Service Ready) :

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AZ3507 / Survivability CM	P-5		-	-	3,449.620	-	-	-	-	-	5.700	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost			**-**	**-**	**3,449.620**	**-**	**-**	**-**	**-**	**-**	**5.700**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AZ3507 / Survivability CM	P-5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.000	-	-	3,496.320
Total Gross/Weapon System Cost			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41.000**	**-**	**-**	**3,496.320**

*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:
There is no Fiscal Year (FY) 2015 Base Procurement dollar funding requirement.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3507 / Survivability CM	Item Number / Title [DODIC]: AZ3507 / Survivability CM

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)*	3,449.620	-	5.700	-	-	-	-	-	-	-	41.000	3,496.320
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	3,449.620	-	5.700	-	-	-	-	-	-	-	41.000	3,496.320
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**3,449.620**	**-**	**5.700**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41.000**	**3,496.320**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																			
Recurring Cost																			
CMWS A-kit Procurement		-	-	245.503	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS A-kit Installation		-	-	189.842	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS B-kit Production		-	-	648.084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government Furnished Equipment (GFE)		-	-	25.404	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Recurring Production (Software)		-	-	99.925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS Systems Engineering/Program Mgt		-	-	118.252	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS Systems Test and Evaluation		-	-	86.520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS Training		-	-	52.880	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Data		-	-	17.363	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support Equipment		-	-	14.216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fielding		-	-	151.305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMWS Gen 3 ECU Hardware		-	-	37.947	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Modifications		-	-	131.399	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3507 / Survivability CM	Item Number / Title [DODIC]: AZ3507 / Survivability CM

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Other Procurement		-	-	1,302.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATIRCM QRC Nonrecurring Production		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATIRCM QRC Recurring Production		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depot Standup		-	-	-	-	-	-	-	-	1.000	-	-	-	-	-	-	-	-	-
ATIRCM QRC Fielding		-	-	-	-	-	-	-	-	4.277	-	-	-	-	-	-	-	-	-
ATIRCM QRC Training		-	-	-	-	-	-	-	-	0.050	-	-	-	-	-	-	-	-	-
ATIRCM System Engineering/Program Mgt		-	-	50.712	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Program Management		-	-	-	-	-	-	-	-	0.187	-	-	-	-	-	-	-	-	-
ATIRCM QRC System Test and Evaluation		-	-	-	-	-	-	-	-	0.186	-	-	-	-	-	-	-	-	-
Nonrecurring Production		-	-	140.380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATIRCM QRC A-kit / B-kit Procurement		-	-	48.662	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ATIRCM QRC A-kit Installation		-	-	17.216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Test and Evaluation		-	-	71.610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	*3,449.620*	-	-	-	-	-	*5.700*	-	-	-	-	-	-	-	-	-
Subtotal: Flyaway Cost		-	-	*3,449.620*	-	-	-	-	-	*5.700*	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost		**-**	**-**	**3,449.620**	**-**	**-**	**-**	**-**	**-**	**5.700**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
CMWS A-kit Procurement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	245.503
CMWS A-kit Installation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189.842

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3507 / Survivability CM	Item Number / Title [DODIC]: AZ3507 / Survivability CM

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
CMWS B-kit Production		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	648.084
Government Furnished Equipment (GFE)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.404
Other Recurring Production (Software)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99.925
CMWS Systems Engineering/Program Mgt		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	118.252
CMWS Systems Test and Evaluation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86.520
CMWS Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.880
Data		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.363
Support Equipment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.216
Fielding		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	151.305
CMWS Gen 3 ECU Hardware		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.947
Other Modifications		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131.399
Other Procurement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,302.400
ATIRCM QRC Nonrecurring Production		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.025	-	-	1.025
ATIRCM QRC Recurring Production		-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.305	-	-	19.305
Depot Standup		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.000
ATIRCM QRC Fielding		-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.757	-	-	5.034
ATIRCM QRC Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.050
ATIRCM System Engineering/Program Mgt		-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.773	-	-	62.485
Program Management		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.233	-	-	1.420
ATIRCM QRC System Test and Evaluation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.907	-	-	7.093
Nonrecurring Production		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140.380
ATIRCM QRC A-kit / B-kit Procurement		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.662
ATIRCM QRC A-kit Installation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.216

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3507 / Survivability CM	Item Number / Title [DODIC]: AZ3507 / Survivability CM

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
System Test and Evaluation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71.610
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	*41.000*	-	-	*3,496.320*
Subtotal: Flyaway Cost		-	-	-	-	-	-	-	-	-	-	-	-	-	-	*41.000*	-	-	*3,496.320*
Gross/Weapon System Cost		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**41.000**	**-**	**-**	**3,496.320**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	5.700	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**-**	**5.700**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics	**P-1 Line Item Number / Title:** AZ3517 / CMWS
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0604274A

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)*	-	125.200	103.021	107.364	-	107.364	131.641	53.736	38.678	33.654	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	-	125.200	103.021	107.364	-	107.364	131.641	53.736	38.678	33.654	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**125.200**	**103.021**	**107.364**	**-**	**107.364**	**131.641**	**53.736**	**38.678**	**33.654**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

APO = 1,351

The US Army operational requirements concept for Aviation Infrared (IR) countermeasure systems is known as the Suite of Integrated Infrared Countermeasures (SIIRCM). SIIRCM is an integrated warning and countermeasure system to enhance aircraft survivability against IR-guided threat missile systems. The Common Missile Warning System (CMWS) is a core element of the SIIRCM concept. CMWS is an integrated ultraviolet (UV) missile warning system, with an Improved Countermeasure Dispenser (ICMD) serving as a subsystem to a host aircraft.

The CMWS program is a UV missile warning system that cues both flare and laser-based countermeasures to defeat incoming IR-seeking missiles and will alert aircrews to the presence of certain incoming unguided munitions. The B-Kit consists of the components which perform the missile detection and aircrew notification, unguided munitions detection and aircrew notification, false alarm rejection, and countermeasure employment/cueing functions of the system. The CMWS Electronic Control Unit (ECU) receives UV missile detection data from Electro-Optic Missile Sensors (EOMS) and sends a missile alert signal to warn aircrews via on-board avionics. Tier 1 threat missiles detected and tracked by the CMWS are subsequently defeated by a combination of missile seeker countermeasures, including decoy flares and IR Laser Jamming (currently ATIRCM equipped CH-47 platform only). In addition, the CMWS ECU receives from the EOMS unguided munitions detection data which is also passed to the aircrew through aural and visual cues. The aircrew then applies the appropriate Tactics, Techniques and Procedures (TTPs) to break contact or engage the enemy with on-ship ordnance. The CMWS Generation 3 (Gen 3) ECU in conjunction with ongoing software development efforts will address outstanding material release conditions to achieve a Full Material Release (FMR) for CMWS and ensure protection against emerging IR-guided missile threats.

The A-Kit for CMWS includes mounting hardware, wiring harnesses, cables, and other components necessary to install and interface the mission kit on host aircraft. The A-Kit ensures the mission kit is functionally and physically operational with a specific host aircraft type.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 10: Ground Support Avionics	**P-1 Line Item Number / Title:** AZ3517 / CMWS
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0604274A

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	125.200	103.021	107.364	-	107.364	131.641	53.736	38.678	33.654
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**125.200**	**103.021**	**107.364**	**-**	**107.364**	**131.641**	**53.736**	**38.678**	**33.654**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AZ3517 / CMWS	P-5, P-5a, P-21		-	-	-	-	-	125.200	-	-	103.021	-	-	107.364	-	-	-	-	-	107.364
Total Gross/Weapon System Cost			**-**	**-**	**-**	**-**	**-**	**125.200**	**-**	**-**	**103.021**	**-**	**-**	**107.364**	**-**	**-**	**-**	**-**	**-**	**107.364**

*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:
Fiscal Year (FY) 2015 Base procurement dollars in the amount of $107.364 million supports CMWS recurring production of Gen 3 ECUs, A-Kit installation, software modifications efforts required to achieve full material release, associated system test and evaluation efforts, and integration with other ASE systems.

All COMPO 1 Active

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3517 / CMWS	Item Number / Title [DODIC]: AZ3517 / CMWS

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	125.200	103.021	107.364	-	107.364
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	-	125.200	103.021	107.364	-	107.364
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**125.200**	**103.021**	**107.364**	**-**	**107.364**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
CMWS A-Kit Fixed Wing Installation		-	-	-	-	-	20.706	-	-	10.550	-	-	5.642	-	-	-	-	-	5.642
CMWS A-Kit Rotary Wing Installation		-	-	-	-	-	2.677	-	-	6.278	-	-	1.665	-	-	-	-	-	1.665
Other Recurring Prod (Software/Engineer)		-	-	-	-	-	15.522	-	-	36.985	-	-	25.440	-	-	-	-	-	25.440
Systems Engineering		-	-	-	-	-	5.435	-	-	5.590	-	-	5.597	-	-	-	-	-	5.597
Program Management		-	-	-	-	-	5.634	-	-	4.636	-	-	4.831	-	-	-	-	-	4.831
Systems Test and Evaluation		-	-	-	-	-	10.549	-	-	10.193	-	-	9.124	-	-	-	-	-	9.124
Subtotal: Recurring Cost		-	-	-	-	-	*60.523*	-	-	*74.232*	-	-	*52.299*	-	-	-	-	-	*52.299*
Subtotal: Flyaway Cost		-	-	-	-	-	*60.523*	-	-	*74.232*	-	-	*52.299*	-	-	-	-	-	*52.299*
Support Cost																			
Training		-	-	-	-	-	0.518	-	-	0.550	-	-	2.016	-	-	-	-	-	2.016
Fielding		-	-	-	-	-	1.815	-	-	2.640	-	-	2.635	-	-	-	-	-	2.635
Other Modifications		-	-	-	-	-	4.585	-	-	4.300	-	-	3.461	-	-	-	-	-	3.461
CMWS Gen 3 ECU Hardware(†)		-	-	-	138.256	414	57.238	137.643	154	21.197	148.585	316	46.953	-	-	-	148.585	316	46.953
Other Procurement		-	-	-	-	-	0.521	-	-	0.102	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost		-	-	-	-	-	*64.677*	-	-	*28.789*	-	-	*55.065*	-	-	-	-	-	*55.065*
Gross/Weapon System Cost		**-**	**-**	**-**	**-**	**-**	**125.200**	**-**	**-**	**103.021**	**-**	**-**	**107.364**	**-**	**-**	**-**	**-**	**-**	**107.364**

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3517 / CMWS	Item Number / Title [DODIC]: AZ3517 / CMWS

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	125.200	103.021	107.364	-	107.364
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**125.200**	**103.021**	**107.364**	**-**	**107.364**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3517 / CMWS	Item Number / Title [DODIC]: AZ3517 / CMWS

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
CMWS Gen 3 ECU Hardware(†)		2013	BAE Systems / Nashua, NH	SS / FFP	AMCOM Contracting Command, RSA	Sep 2013	Jul 2014	414	138.256	N		
CMWS Gen 3 ECU Hardware(†)		2014	BAE Systems / Nashua, NH	SS / FFP	AMCOM Contracting Command, RSA	Mar 2014	Dec 2014	154	137.643			
CMWS Gen 3 ECU Hardware(†)		2015	BAE Systems / Nashua, NH	SS / FFP	AMCOM Contracting Command, RSA	Feb 2015	Nov 2015	316	148.585			

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3517 / CMWS	Item Number / Title [DODIC]: AZ3517 / CMWS

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
										Calendar Year 2013												Calendar Year 2014									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
CMWS Gen 3 ECU Hardware																															
	1	2013	ARMY (XXIII)	414	-	414												-	-	-	-	-	-	-	-	-	-	35	35	35	309
	1	2014	ARMY (XXIV)	154	-	154																		-	-	-	-	-	-	-	154
	1	2015	ARMY (XXV)	316	-	316																									316
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	P-1 Line Item Number / Title: AZ3517 / CMWS	Item Number / Title [DODIC]: AZ3517 / CMWS

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
										Calendar Year 2015												Calendar Year 2016									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
CMWS Gen 3 ECU Hardware																															
	1	2013	ARMY (XXIII)	414	105	309	35	35	35	35	35	35	35	29																	35
	1	2014	ARMY (XXIV)	154	-	154	-	-	15	15	15	15	15	15	15	15	15	15	4												-
	1	2015	ARMY (XXV)	316	-	316					-	-	-	-	-	-	-	-	-	30	30	30	30	30	30	30	30	30	30	16	-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 10	**P-1 Line Item Number / Title:** AZ3517 / CMWS	**Item Number / Title [DODIC]:** AZ3517 / CMWS

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	BAE Systems - Nashua, NH	24.00	600.00	1,000.00	-	3	9	12	-	3	9	12

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).

Service/Agency Suffixes:
(XXIII) BASE
(XXIV) BASE
(XXV) BASE

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AZ3000 / Avionics Support Equipment

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	12,056	581	700	690	-	690	691	695	702	134	Continuing	Continuing
Gross/Weapon System Cost *($ in Millions)*	505.336	4.880	6.809	6.847	-	6.847	6.990	7.132	7.157	1.996	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	505.336	4.880	6.809	6.847	-	6.847	6.990	7.132	7.157	1.996	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**505.336**	**4.880**	**6.809**	**6.847**	**-**	**6.847**	**6.990**	**7.132**	**7.157**	**1.996**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	41.916	8.399	9.727	9.923	-	9.923	10.116	10.262	10.195	14.896	Continuing	Continuing

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

Description:

The AN/AVS-6, Aviator's Night Vision Imaging System (ANVIS), supports the Army's objectives by permitting superior tactical mobility of rotary wing aircraft during darkness and low light conditions. The AN/AVS-6 also supports Fixed Wing Lift permitting loading/unloading and flight during darkness and low light conditions. The AN/AVS-6 is a binocular, helmet-mounted system for Aviation crew members. The AN/AVS-6(V)3 is a night vision goggle that significantly expands the input dynamic range to support operations in conditions that vary from below starlight illumination levels through strong urban lighting situations. The increased capability of the AN/AVS-6(V)3 yields enhanced mission performance and improved safety of flight, compared to what is now possible using previous AN/AVS-6 systems. The AN/AVS-6(V)3 enhances the survivability, lethality, and tactical mobility for aviators.

The Army Acquisition Objective (AAO) is 16,686.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	581	700	690	-	690	691	695	702	134
	Total Obligation Authority	4.880	6.809	6.847	-	6.847	6.990	7.132	7.157	1.996
Total: Secondary Distribution	**Quantity**	**581**	**700**	**690**	**-**	**690**	**691**	**695**	**702**	**134**
	Total Obligation Authority	**4.880**	**6.809**	**6.847**	**-**	**6.847**	**6.990**	**7.132**	**7.157**	**1.996**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AZ3000 / Avionics Support Equipment
ID Code (A=Service Ready, B=Not Service Ready) :	**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - K35601 / ANVIS	P-5, P-5a, P-21	A	41.916	12,056	505.336	8.399	581	4.880	9.727	700	6.809	9.923	690	6.847	-	-	-	9.923	690	6.847
Total Gross/Weapon System Cost			**41.916**	**12,056**	**505.336**	**8.399**	**581**	**4.880**	**9.727**	**700**	**6.809**	**9.923**	**690**	**6.847**	**-**	**-**	**-**	**9.923**	**690**	**6.847**

*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:
FY 2015 Base procurement dollars, in the amount of $6.847 million, procures 690 AN/AVS-6(V)3 systems for fielding to Active Units.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: AZ3000 / Avionics Support Equipment	Item Number / Title [DODIC]: K35601 / ANVIS

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	12,056	581	700	690	-	690
Gross/Weapon System Cost *($ in Millions)*	505.336	4.880	6.809	6.847	-	6.847
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	505.336	4.880	6.809	6.847	-	6.847
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**505.336**	**4.880**	**6.809**	**6.847**	**-**	**6.847**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	41.916	8.399	9.727	9.923	-	9.923

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
ANVIS(†)		6.486	12,056	78.200	6.330	581	3.678	7.843	700	5.490	7.991	690	5.514	-	-	-	7.991	690	5.514
Engineering Support		-	-	3.841	-	-	0.284	-	-	0.294	-	-	0.295	-	-	-	-	-	0.295
Project Management Admin		-	-	5.639	-	-	0.750	-	-	0.759	-	-	0.768	-	-	-	-	-	0.768
Engineering Change Orders		-	-	0.385	-	-	0.038	-	-	0.053	-	-	0.053	-	-	-	-	-	0.053
Fielding		-	-	0.996	-	-	0.130	-	-	0.213	-	-	0.217	-	-	-	-	-	0.217
Prior Year Adjustment		-	-	416.275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	*505.331*	-	-	*4.880*	-	-	*6.809*	-	-	*6.847*	-	-	-	-	-	*6.847*
Subtotal: Flyaway Cost		-	-	*505.331*	-	-	*4.880*	-	-	*6.809*	-	-	*6.847*	-	-	-	-	-	*6.847*
Gross/Weapon System Cost		**41.916**	**12,056**	**505.336**	**8.399**	**581**	**4.880**	**9.727**	**700**	**6.809**	**9.923**	**690**	**6.847**	**-**	**-**	**-**	**9.923**	**690**	**6.847**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	581	700	690	-	690
	Total Obligation Authority	4.880	6.809	6.847	-	6.847
Total: Secondary Distribution	**Quantity**	**581**	**700**	**690**	**-**	**690**
	Total Obligation Authority	**4.880**	**6.809**	**6.847**	**-**	**6.847**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: AZ3000 / Avionics Support Equipment	Item Number / Title [DODIC]: K35601 / ANVIS

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
ANVIS(†)		2013	Exelis / Roanoke, VA	C / IDIQ	ACC APG	Jun 2013	Sep 2013	296	6.257	N		
ANVIS(†)		2013	L-3 / Tempe, AZ	C / IDIQ	ACC APG	Mar 2013	May 2013	285	6.385	N		
ANVIS(†)		2014	TBS / TBD	C / IDIQ	ACC APG	Mar 2014	Jun 2014	700	7.843	N		
ANVIS(†)		2015	TBS / TBD	C / IDIQ	ACC APG	Dec 2014	Mar 2015	690	7.991	N		

(†) indicates the presence of a P-21

Remarks:
Each delivery order made under these contracts is competed among the 2 manufacturers on the basis of best cost, available schedule, and performance. Therefore, a determination of the quantity per manufacturer to be awarded to each is made after reviewing this information at the time of each delivery order.

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AZ3000 / Avionics Support Equipment	**Item Number / Title [DODIC]:** K35601 / ANVIS

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
							Calendar Year 2013												Calendar Year 2014												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
ANVIS																															
Prior Years Deliveries: 12056																															
	1	2013	ARMY (XXVI)	296	-	296									-	-	-	46	83	83	84										-
	2	2013	ARMY (XXVII)	285	-	285						-	-	10	43	77	77	78													-
	3	2014	ARMY (XXVIII)	700	-	700																		-	-	-	50	75	75	75	425
	3	2015	ARMY (XXIX)	690	-	690																									690
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AZ3000 / Avionics Support Equipment	**Item Number / Title [DODIC]:** K35601 / ANVIS

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
										Calendar Year 2015												Calendar Year 2016									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
ANVIS																															
Prior Years Deliveries: 12056																															
	1	2013	ARMY (XXVI)	296	296	-																									-
	2	2013	ARMY (XXVII)	285	285	-																									-
	3	2014	ARMY (XXVIII)	700	275	425	75	75	75	75	75	50																			-
	3	2015	ARMY (XXIX)	690	-	690			-	-	-	50	75	75	75	75	75	75	75	75	40										-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AZ3000 / Avionics Support Equipment	**Item Number / Title [DODIC]:** K35601 / ANVIS

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	Exelis - Roanoke, VA	25.00	125.00	250.00	4	8	3	11	4	2	3	5
2	L-3 - Tempe, AZ	25.00	125.00	250.00	4	5	3	8	4	2	3	5
3	TBS - TBD	25.00	125.00	250.00	4	5	3	8	4	2	3	5

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).

Service/Agency Suffixes:
(XXVI) BASE
(XXVII) BASE
(XXVIII) BASE
(XXIX) BASE

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AZ3100 / Common Ground Equipment

ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0603801A

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)*	168	-	9,354	5,510	-	5,510	886	875	792	435	Continuing	Continuing
Gross/Weapon System Cost *($ in Millions)*	986.478	82.412	57.499	29.231	-	29.231	65.367	69.017	91.931	63.568	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	986.478	82.412	57.499	29.231	-	29.231	65.367	69.017	91.931	63.568	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**986.478**	**82.412**	**57.499**	**29.231**	**-**	**29.231**	**65.367**	**69.017**	**91.931**	**63.568**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	5,871.893	-	6.147	5.305	-	5.305	73.778	78.877	116.075	146.133	Continuing	Continuing

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

Description:

Aviation Ground Support Equipment (AGSE) develops, acquires, fields, and sustains aviation equipment within cost, schedule, and performance parameters, allowing the Joint War fighter to carry out peacetime and wartime missions. Systems managed by AGSE through its Life Cycle include Aviation Vibration Analyzer, Aviation Intermediate Maintenance Shop Set, Battle Damage Assessment and Repair Block II, Aviation Ground Power Unit (AGPU), Digital Aircraft Weighing Scales, Family-Aviation Lifting Devices, Aviation Sets, Kits, Outfits and Tools (Common Aviation Tool System, Swaging Tool Kits, Modernized Maintenance Platforms, Fuel Quantity Tester, Aviation Unit Maintenance Shop Sets, Pitot Static Test Sets, Jacks, and Rail Trailer), Standard Aircraft Towing System, Shop Equipment Contact Maintenance, Non-Destructive Test Equipment, Aviation Light Utility Mobile Maintenance Cart, Unit Maintenance Aerial Recovery Kit, and Flexible Engine Diagnostic System. AGSE is critical to the operational readiness of Army Aviation Units. AGSE products provide the finest material and support solutions to Army Aviation.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	9,354	2,423	-	2,423	419	413	376	209
	Total Obligation Authority	82.412	57.499	11.737	-	11.737	29.728	31.056	40.688	27.995
ANG	Quantity	-	-	2,866	-	2,866	423	419	378	207
	Total Obligation Authority	-	-	16.225	-	16.225	33.058	35.218	47.544	33.016
AR	Quantity	-	-	221	-	221	44	43	38	19
	Total Obligation Authority	-	-	1.269	-	1.269	2.581	2.743	3.699	2.557
Total:	**Quantity**	**-**	**9,354**	**5,510**	**-**	**5,510**	**886**	**875**	**792**	**435**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AZ3100 / Common Ground Equipment
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0603801A

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**	**82.412**	**57.499**	**29.231**	**-**	**29.231**	**65.367**	**69.017**	**91.931**	**63.568**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AZ3520 / AVIATION GROUND SUPPORT EQUIPMENT	P-5		5,871.893	168	986.478	-	-	82.412	6.147	9,354	57.499	5.305	5,510	29.231	-	-	-	5.305	5,510	29.231
Total Gross/Weapon System Cost			**5,871.893**	**168**	**986.478**	**-**	**-**	**82.412**	**6.147**	**9,354**	**57.499**	**5.305**	**5,510**	**29.231**	**-**	**-**	**-**	**5.305**	**5,510**	**29.231**

*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:
FY 2015 Base procurement dollars in the amount of $29.231 million supports and procures ground support equipment which supports the operational readiness of all Army aviation field units operating AH-64, UH-60, CH-47, OH-58D and other Army aircraft. AGSE provides a means to correct safety-of-flight discrepancies which endanger both life and property utilizing currently fielded test equipment. The Aviation Light Utility Mobile Maintenance Cart will enhance mission performance of current forces by enhancing flexibility and maintainability of maintenance operations on the airfield and forward operating base. Modernized Maintenance Platforms provide an elevated maintenance capability which is transportable and mobile over unimproved surfaces. The Common Aviation Tool System is a standardized set of tools, kits and outfits which meet transformation modularity, flexibility and mobility requirements for repair of rotary wing aircraft during combat, contingency and training operations. Digital Flexible Engine Diagnostic Systems provide Army Aviation maintainers with the capability to test rotary-wing engines off-wing after major repairs eliminating the risk of damaging airframes in the case of engine failures during test.

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.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AZ3100 / Common Ground Equipment	**Item Number / Title [DODIC]:** AZ3520 / AVIATION GROUND SUPPORT EQUIPMENT

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	168	-	9,354	5,510	-	5,510
Gross/Weapon System Cost *($ in Millions)*	986.478	82.412	57.499	29.231	-	29.231
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	986.478	82.412	57.499	29.231	-	29.231
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**986.478**	**82.412**	**57.499**	**29.231**	**-**	**29.231**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	5,871.893	-	6.147	5.305	-	5.305

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Aviation Ground Power Unit (AGPU)		774.108	84	65.025	-	-	3.008	-	-	2.612	-	-	-	-	-	-	-	-	-
Aviation Ground Power Unit (AGPU) SLEP		-	-	87.058	-	-	0.400	-	-	-	-	-	-	-	-	-	-	-	-
Avn Light Utility Mobile Maint (ALUMMC)		-	-	-	-	-	-	24.020	150	3.603	24.413	300	7.324	-	-	-	24.413	300	7.324
Aviation Foot Locker		-	-	-	-	-	1.397	-	-	-	-	-	-	-	-	-	-	-	-
Avn Intermediate Maint (AVIM) Shop Sets		-	-	17.570	-	-	8.889	-	-	8.835	-	-	-	-	-	-	-	-	-
Avn Unit Maintenance (AVUM)/(A92)		-	-	9.366	-	-	5.609	-	-	-	-	-	-	-	-	-	-	-	-
Modernized Maintenance Platforms		-	-	-	-	-	5.827	21.135	200	4.227	28.592	125	3.574	-	-	-	28.592	125	3.574
Common Aviation Tool System (CATS)		-	-	53.895	-	-	15.794	2.095	9,000	18.851	2.033	5,084	10.335	-	-	-	2.033	5,084	10.335
Flexible Engine Diagnostics Sys (FEDS)		-	-	10.073	-	-	36.484	3,518.500	4	14.074	5,299.000	1	5.299	-	-	-	5,299.000	1	5.299
Digital Aircraft Weighing Scale (DAWS)		-	-	444.385	-	-	-	-	-	1.412	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AZ3100 / Common Ground Equipment	**Item Number / Title [DODIC]:** AZ3520 / AVIATION GROUND SUPPORT EQUIPMENT

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
New Aviation Tool System (NATS)		-	-	-	-	-	1.515	-	-	-	-	-	-	-	-	-	-	-	-
Standard Aircraft Towing System (SATS)		-	-	43.018	-	-	0.131	-	-	-	-	-	-	-	-	-	-	-	-
Program Management Support		-	-	256.088	-	-	3.358	-	-	3.885	-	-	2.699	-	-	-	-	-	2.699
Subtotal: Recurring Cost		-	-	*986.478*	-	-	*82.412*	-	-	*57.503*	-	-	*29.232*	-	-	-	-	-	*29.232*
Subtotal: Flyaway Cost		-	-	*986.478*	-	-	*82.412*	-	-	*57.503*	-	-	*29.232*	-	-	-	-	-	*29.232*
Gross/Weapon System Cost		**5,871.893**	**168**	**986.478**	**-**	**-**	**82.412**	**6.147**	**9,354**	**57.499**	**5.305**	**5,510**	**29.231**	**-**	**-**	**-**	**5.305**	**5,510**	**29.231**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	9,354	2,423	-	2,423
	Total Obligation Authority	82.412	57.499	11.737	-	11.737
ANG	Quantity	-	-	2,866	-	2,866
	Total Obligation Authority	-	-	16.225	-	16.225
AR	Quantity	-	-	221	-	221
	Total Obligation Authority	-	-	1.269	-	1.269
Total: Secondary Distribution	**Quantity**	**-**	**9,354**	**5,510**	**-**	**5,510**
	Total Obligation Authority	**82.412**	**57.499**	**29.231**	**-**	**29.231**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AZ3110 / Aircrew Integrated Systems

ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0603827A, 0604601A

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)*	623.198	71.408	45.841	48.081	-	48.081	47.435	47.064	46.605	47.795	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	623.198	71.408	45.841	48.081	-	48.081	47.435	47.064	46.605	47.795	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**623.198**	**71.408**	**45.841**	**48.081**	**-**	**48.081**	**47.435**	**47.064**	**46.605**	**47.795**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

Air Warrior survival and mission equipment improves the combat effectiveness of Army aircrew members. Components include Clothing and Individual Equipment; a Microclimate Cooling System; an Aircrew Integrated Helmet System; laser eye and chemical-biological protection; tailored body armor; overwater survival gear; survival, escape, and evasion tools; the Electronic Data Manager (EDM) which provides a digital moving map w/tactical overlays and an interface to Blue Force Tracking (BFT) in the form of a digital kneeboard; the Encrypted Aircraft Wireless Intercom System (EAWIS); a Portable Helicopter Oxygen Delivery System (PHODS) worn by the crewmember to safely conduct high altitude missions; a grab-and-go Survival Kit, Ready Access, Modular (SKRAM); and a Communication Enhancement/ Protection System (CEPS) that provides an external audio capability without the need to remove the flight helmet. The phased Air Warrior replacement is the Air Soldier System (Air SS), a systems-level approach to significantly reduce weight and bulk and enhance safety, survivability, mission duration, and situational awareness. The Air SS combines cold and hot weather protection functionality while reducing protective clothing and body armor layers without compromising protection; reduces the number of batteries, displays and user interfaces to the aircraft; combines separate communications functionalities, displays, and computer processors; enhances situational awareness and safety through an improved helmet mounted display with three dimensional symbology for flight in Degraded Visual Environments (DVE). Select components of the Air Warrior program will be modified through Engineering Change Proposals (ECP) and integrated into the Air Soldier baseline. The Personnel Recovery Support System (PRSS) program includes the platform modification, integration, procurement, and fielding of interoperability systems to provide a significantly enhanced ability to respond to occurrences of isolated, missing, detained, or captured Soldiers.

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
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	71.408	45.841	48.081	-	48.081	47.435	47.064	46.605	47.795

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AZ3110 / Aircrew Integrated Systems

ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0603827A, 0604601A

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	71.408	45.841	48.081	-	48.081	47.435	47.064	46.605	47.795

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AZ3110 / Aircrew Integrated Systems	P-5, P-5a, P-21		-	-	623.198	-	-	71.408	-	-	45.841	-	-	48.081	-	-	-	-	-	48.081
Total Gross/Weapon System Cost			**-**	**-**	**623.198**	**-**	**-**	**71.408**	**-**	**-**	**45.841**	**-**	**-**	**48.081**	**-**	**-**	**-**	**-**	**-**	**48.081**

*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:

FY2015 Base procurement dollars in the amount of $48.081 million supports production and fielding of initial Air SS capability consisting of a Common Helmet Mounted Display System with head tracker and DVE symbology; a Personal Electronics and Computer Display System; an Integrated Soldier Power and Data System; a Layered Clothing Ensemble with light weight body armor; 72 Hour survival equipment. These funds procure Air Soldier platform-mounted components necessary for airframe interface with the Air Soldier; the integration of Air Warrior ECPs and installation of Air Warrior and Air Soldier airframe integration kits. FY15 and beyond does not contain any Personnel Recovery Support System funding in this line.

Funding procures equipment and materiel to support a balanced investment strategy for the Army's approved force structure and Army Force Generation (ARFORGEN) requirements.

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AZ3110 / Aircrew Integrated Systems	**Item Number / Title [DODIC]:** AZ3110 / Aircrew Integrated Systems

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	623.198	71.408	45.841	48.081	-	48.081
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	623.198	71.408	45.841	48.081	-	48.081
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**623.198**	**71.408**	**45.841**	**48.081**	**-**	**48.081**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Air Warrior Microclimate Cooling Units(†)		7.666	8,853	67.867	3.090	100	0.309	-	-	-	-	-	-	-	-	-	-	-	-
Encrypt Acft Wrless Intercom Sys (EAWIS)(†)		9.196	342	3.145	14.882	1,212	18.037	-	-	-	-	-	-	-	-	-	-	-	-
Air Warrior Airframe Kits(†)		8.100	904	7.322	4.072	1,828	7.443	-	-	-	-	-	-	-	-	-	-	-	-
Airframe Kit Installs		-	-	-	-	-	5.293	-	-	-	-	-	-	-	-	-	-	-	-
Survival Kit, Ready Access, Modular		0.201	2,000	0.402	0.079	7,203	0.566	-	-	-	-	-	-	-	-	-	-	-	-
Communication Enhance/Protect Sys (CEPS)(†)		-	-	-	0.350	4,000	1.400	-	-	-	-	-	-	-	-	-	-	-	-
Day/Night Helmet Mounted Displays(†)		-	-	-	24.217	908	21.989	-	-	-	-	-	-	-	-	-	-	-	-
PRSS Platform Modifications(†)		-	-	-	854.000	2	1.708	-	-	2.481	-	-	-	-	-	-	-	-	-
AW ECP's Supporting Air SS Reqmts		-	-	-	-	-	-	-	-	11.752	-	-	3.774	-	-	-	-	-	3.774
Air SS Soldier Kits(†)		-	-	-	-	-	-	10.542	448	4.723	11.077	1,677	18.576	-	-	-	11.077	1,677	18.576
Air SS Airframe Kits(†)		-	-	0.741	-	-	-	62.027	185	11.475	62.667	168	10.528	-	-	-	62.667	168	10.528
Airframe Kit Install		-	-	3.925	-	-	-	-	-	2.590	-	-	1.500	-	-	-	-	-	1.500

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: AZ3110 / Aircrew Integrated Systems	Item Number / Title [DODIC]: AZ3110 / Aircrew Integrated Systems

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Other Costs		-	-	405.191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manual		-	-	13.387	-	-	0.210	-	-	0.279	-	-	0.239	-	-	-	-	-	0.239
New Equipment Training		-	-	0.304	-	-	1.142	-	-	0.300	-	-	0.318	-	-	-	-	-	0.318
Initial Spares		-	-	4.390	-	-	0.948	-	-	1.748	-	-	1.554	-	-	-	-	-	1.554
Support Equipment		-	-	7.849	-	-	0.227	-	-	0.223	-	-	0.236	-	-	-	-	-	0.236
Systems Test and Evaluation		-	-	12.239	-	-	1.245	-	-	-	-	-	0.956	-	-	-	-	-	0.956
Nonrecurring Engineering (NRE)		-	-	24.942	-	-	1.248	-	-	3.074	-	-	2.603	-	-	-	-	-	2.603
PRSS Interoperability Engineering		-	-	55.102	-	-	1.451	-	-	1.400	-	-	-	-	-	-	-	-	-
Engineering Changes		-	-	5.784	-	-	0.535	-	-	-	-	-	0.415	-	-	-	-	-	0.415
Systems Integration Engineering		-	-	4.480	-	-	0.789	-	-	0.300	-	-	0.318	-	-	-	-	-	0.318
Program Management & Matrix Support		-	-	5.269	-	-	5.223	-	-	5.438	-	-	5.756	-	-	-	-	-	5.756
Total Package Fielding		0.118	2,740	0.322	-	-	0.900	-	-	0.058	-	-	0.062	-	-	-	-	-	0.062
Contract Logistics Support		0.196	2,742	0.537	-	-	0.745	-	-	-	-	-	1.246	-	-	-	-	-	1.246
Subtotal: Recurring Cost		-	-	*623.200*	-	-	*71.412*	-	-	*45.841*	-	-	*48.081*	-	-	-	-	-	*48.081*
Subtotal: Flyaway Cost		-	-	*623.200*	-	-	*71.412*	-	-	*45.841*	-	-	*48.081*	-	-	-	-	-	*48.081*
Gross/Weapon System Cost		**-**	**-**	**623.198**	**-**	**-**	**71.408**	**-**	**-**	**45.841**	**-**	**-**	**48.081**	**-**	**-**	**-**	**-**	**-**	**48.081**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	71.408	45.841	48.081	-	48.081
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**71.408**	**45.841**	**48.081**	**-**	**48.081**

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: AZ3110 / Aircrew Integrated Systems	Item Number / Title [DODIC]: AZ3110 / Aircrew Integrated Systems

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
Air Warrior Microclimate Cooling Units(†)		2013	Carleton Technologies, Inc. / Orchard Park, NY	C / FFP	Redstone Arsenal, AL	Mar 2013	Jun 2013	100	3.090	N		
Encrypt Acft Wrless Intercom Sys (EAWIS)(†)		2013	Telephonics / Farmingdale, NY	SS / FFP	Redstone Arsenal,AL	Mar 2013	Jun 2013	1,212	14.882	N		
Air Warrior Airframe Kits(†)		2013	Westwind Corporation / Huntsville, AL	C / FFP	Redstone Arsenal, AL	Dec 2012	Mar 2013	1,828	4.072	N		
Communication Enhance/Protect Sys (CEPS)(†)		2013	Communications & Ear Protectio / Enterprise, AL	C / FFP	Redstone Arsenal, AL	Apr 2013	May 2013	4,000	0.350	N		
Day/Night Helmet Mounted Displays(†)		2013	EFW, Inc / Fort Worth, TX	C / FFP	Redstone Arsenal, AL	Apr 2013	Oct 2013	908	24.217	N		
PRSS Platform Modifications(†)		2013	Sandia National Labs / Albuquerque, NM	C / FFP	Albuquerque, NM	Mar 2013	Mar 2014	2	854.000	N		
Air SS Soldier Kits(†)		2014	Various / TBD	C / FFP	Redstone Arsenal, AL	Aug 2014	Feb 2015	448	10.542	N		
Air SS Soldier Kits(†)		2015	Various / TBD	C / FFP	Redstone Arsenal, AL	Mar 2015	Sep 2015	1,677	11.077			
Air SS Airframe Kits(†)		2014	Various / TBD	C / FFP	Redstone Arsenal, AL	Aug 2014	Feb 2015	185	62.027	N		
Air SS Airframe Kits(†)		2015	Various / TBD	C / FFP	Redstone Arsenal, AL	Mar 2015	Sep 2015	168	62.667			

(†) indicates the presence of a P-21

Remarks:
Unit Cost changes across the years reflect the different mix of subsystem components procured each year.

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AZ3110 / Aircrew Integrated Systems	**Item Number / Title [DODIC]:** AZ3110 / Aircrew Integrated Systems

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
							Calendar Year 2013												Calendar Year 2014												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Air Warrior Microclimate Cooling Units																															
Prior Years Deliveries: 8853																															
	1	2013	ARMY	100	-	100						-	-	-	50	50															-
Encrypt Acft Wrless Intercom Sys (EAWIS)																															
Prior Years Deliveries: 342																															
	2	2013	ARMY	1,212	-	1,212						-	-	-	101	101	101	101	101	101	101	101	101	101	101	101					-
Air Warrior Airframe Kits																															
Prior Years Deliveries: 904																															
	3	2013	ARMY	1,828	-	1,828			-	-	-	152	152	152	152	152	152	152	152	152	152	154	154								-
Communication Enhance/Protect Sys (CEPS)																															
	4	2013	ARMY	4,000	-	4,000							-	335	333	333	333	-	333	333	333	333	333	333	333	335					-
Day/Night Helmet Mounted Displays																															
	5	2013	ARMY	908	-	908							-	-	-	-	-	-	75	75	75	75	75	75	75	75	75	75	79	79	-
PRSS Platform Modifications																															
	6	2013	ARMY	2	-	2						-	-	-	-	-	-	-	-	-	-	-	-	2							-
Air SS Soldier Kits																															
	7	2014	ARMY	448	-	448																							-	-	448
	7	2015	ARMY	1,677	-	1,677																									1,677
Air SS Airframe Kits																															
	8	2014	ARMY	185	-	185																							-	-	185
	8	2015	ARMY	168	-	168																									168
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AZ3110 / Aircrew Integrated Systems	**Item Number / Title [DODIC]:** AZ3110 / Aircrew Integrated Systems

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												
										Calendar Year 2015												Calendar Year 2016									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL
Air Warrior Microclimate Cooling Units																															
Prior Years Deliveries: 8853																															
	1	2013	ARMY	100	100	-																									-
Encrypt Acft Wrless Intercom Sys (EAWIS)																															
Prior Years Deliveries: 342																															
	2	2013	ARMY	1,212	1,212	-																									-
Air Warrior Airframe Kits																															
Prior Years Deliveries: 904																															
	3	2013	ARMY	1,828	1,828	-																									-
Communication Enhance/Protect Sys (CEPS)																															
	4	2013	ARMY	4,000	4,000	-																									-
Day/Night Helmet Mounted Displays																															
	5	2013	ARMY	908	908	-																									-
PRSS Platform Modifications																															
	6	2013	ARMY	2	2	-																									-
Air SS Soldier Kits																															
	7	2014	ARMY	448	-	448	-	-	-	-	37	37	37	37	37	37	37	37	38	38	38	38									-
	7	2015	ARMY	1,677	-	1,677						-	-	-	-	-	-	139	142	142	140	140	142	142	142	142	142	142	122		-
Air SS Airframe Kits																															
	8	2014	ARMY	185	-	185	-	-	-	-	15	15	15	15	15	15	15	15	16	16	16	17									-
	8	2015	ARMY	168	-	168						-	-	-	-	-	-	14	14	14	40	40	46								-
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BAL

Exhibit P-21, Production Schedule: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AZ3110 / Aircrew Integrated Systems	**Item Number / Title [DODIC]:** AZ3110 / Aircrew Integrated Systems

		Production Rates (Each / Month)			Procurement Leadtime (Months)							
					Initial				Reorder			
MFR Ref #	MFR Name - Location	MSR	1-8-5	MAX	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	Carleton Technologies, Inc. - Orchard Park, NY	38.00	500.00	800.00	4	2	3	5	-	5	3	8
2	Telephonics - Farmingdale, NY	6.00	250.00	500.00	5	5	3	8	-	5	3	8
3	Westwind Corporation - Huntsville, AL	50.00	400.00	1,500.00	5	9	3	12	-	2	3	5
4	Communications & Ear Protectio - Enterprise, AL	200.00	500.00	700.00	8	8	1	9	-	6	1	7
5	EFW, Inc - Fort Worth, TX	70.00	800.00	1,000.00	5	6	6	12	-	6	6	12
6	Sandia National Labs - Albuquerque, NM	1.00	2.00	4.00	5	6	6	12	-	6	6	12
7	Various - TBD	10.00	400.00	1,000.00	6	6	6	12	2	5	6	11
8	Various - TBD	10.00	400.00	1,000.00	6	6	6	12	2	5	6	11

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).

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AA0050 / Air Traffic Control
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0604633A

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)*	-	-	6	10	-	10	7	4	1	1	Continuing	Continuing
Gross/Weapon System Cost *($ in Millions)*	1,108.500	46.081	79.692	127.232	-	127.232	88.441	86.734	113.560	100.706	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,108.500	46.081	79.692	127.232	-	127.232	88.441	86.734	113.560	100.706	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,108.500**	**46.081**	**79.692**	**127.232**	**-**	**127.232**	**88.441**	**86.734**	**113.560**	**100.706**	**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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	13,282.000	12,723.200	-	12,723.200	12,634.429	21,683.500	113,560.000	100,706.000	Continuing	Continuing

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

Description:

Funds described herein support the acquisition of modernized tactical and fixed base Air Traffic Control (ATC) systems that will enable safety of aircraft operations. ATC systems are required to achieve or maintain compliance with civil, military, domestic and international air traffic control mandates and combat identification requirements. Efforts funded include the Tactical Airspace Integration System (TAIS), Air Traffic Navigation Integration and Coordination System and the Fixed Base Precision Approach Radar (ATNAVICS/FBPAR), the Mobile Tower System (MOTS), the Tactical Terminal Control System (TTCS), the ATC Common Simulator (ACS), and Fixed Base systems, such as the DoD Advanced Automation System (DAAS), the Digital Airport Surveillance Radar (DASR), and other navigational control aids to include the Army Airfield Automation System (AAAS), National Air Space (NAS) voice switch and the radio replacement program.

TAIS, the Airspace Management System of the Army Mission Command System, performs Air Traffic Services (ATS) and Airspace Control (AC) at brigade and theater commands. TAIS Alternate Workstation (AWS) provides for AC planning and execution at the Brigade Combat Team and above. It is the Army's link to the Theater Battle Management Core System for Joint Airspace Management. TAIS and TAIS AWS provide an automated AC and ATS capability for current requirements and Battle Command interfaces. ATNAVICS provides all-weather instrument flight capabilities to include terminal, and radar precision approach and landing services to all Army, Joint, and Allied aircraft. ATNAVICS will integrate Mode S capabilities required to control aircraft both OCONUS and CONUS. ATNAVICS will network its radar picture and advanced surveillance data (Mode 5 and Mode S) to aviation and joint network nodes through TAIS. The TTCS is a mobile ATC communications system that provides initial ATS at remote landing sites and drop zones. It enables secure ground-to-air and ground-to-ground communications between Army aircraft, other services and Allied aircraft, and ground stations. TTCS also provides aircraft separation and ground control capabilities, a meteorological measuring system for basic weather information, and precision location capability. MOTS provides ATC and aircraft separation for both air and ground operations at tactical or remote landing sites. It replaces the 1970's era 7A mobile tower system. MOTS capabilities include weather information, secure and anti-jam communications across all required frequency bands and ranges, and precision location. ATNAVICS, TAIS, TTCS, and MOTS serve as effective air traffic risk management tools for aviation safety during night, inclement weather, and combat operations. The ACS facilitates training and continued operator proficiency by incorporating the functionality of ATNAVICS, MOTS, and TAIS into a single simulator system. The ACS can simulate a start to finish ATC scenario, meaning simulation at the airfield for take-off/landing under Visual Flight Rules, radar simulation for surveillance and precision approach, and flight-following and airspace deconfliction. Fixed Base ATC requirements (DAAS, DASR, AAAS, radio replacement program) will be met through a vast array of new technology solutions and pre-planned product improvement (P3I) of these systems, resulting in highly reliable and safe ATC systems in accordance with the Joint DoD/Federal Aviation Administration (FAA) program to modernize the NAS and the FAA Next Gen program.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AA0050 / Air Traffic Control
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:** / **Other Related Program Elements:** 0604633A

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	6	6	-	6	-	4	1	1
	Total Obligation Authority	46.081	79.692	114.412	-	114.412	66.006	86.734	113.560	100.706
ANG	Quantity	-	-	3	-	3	7	-	-	-
	Total Obligation Authority	-	-	9.615	-	9.615	22.435	-	-	-
AR	Quantity	-	-	1	-	1	-	-	-	-
	Total Obligation Authority	-	-	3.205	-	3.205	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**6**	**10**	**-**	**10**	**7**	**4**	**1**	**1**
	Total Obligation Authority	**46.081**	**79.692**	**127.232**	**-**	**127.232**	**88.441**	**86.734**	**113.560**	**100.706**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AA0050 / Air Traffic Control	P-5		-	-	1,108.500	-	-	46.081	13,282.000	6	79.692	12,723.200	10	127.232	-	-	-	12,723.200	10	127.232
Total Gross/Weapon System Cost			**-**	**-**	**1,108.500**	**-**	**-**	**46.081**	**13,282.000**	**6**	**79.692**	**12,723.200**	**10**	**127.232**	**-**	**-**	**-**	**12,723.200**	**10**	**127.232**

*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:

FY 2015 Base procurement dollars in the amount of $127.232 million provide for the acquisition of MOTS units, and to support tactical and fixed base ATC systems and pre-planned product improvement (P3I) to these systems. Funds for tactical ATC systems provide for upgrades and modifications to TAIS, ATNAVICS/FBPAR, TTCS, and MOTS. ATNAVICS/FBPAR Block 6A upgrades will address joint interoperability and networking capabilities with the integration of the Tactical Operations Center Intercommunications System (TOCNET). ATNAVICS/FBPAR will also improve radio communications with the acquisition and installation of PRC-117G radios, and will upgrade Identification, Friend or Foe capability by acquiring TPX-57 Interrogators. These modifications will also allow the ATNAVICS/FBPAR to transmit critical air picture information to TAIS. TAIS funding provides for the implementation of interfaces to ATNAVICS/FBPAR and the Expanded Airtrack Sensor Integrator, TAIS AWS hardware/software refresh, and upgrade of the Mobile Server Unit. TTCS funding provides for the production and retrofit of Universal Rack Systems and initial issue spares, the integration of Blue Force Tracker 2 capabilities, and the initiation of efforts to integrate TOCNET networking and data transfer capabilities. These modifications to tactical ATC systems ensure Army ATC and Army airspace command and control systems are capable of supporting the path ahead to the Future Force. Funding also procures MOTS units, along with interim contractor support, engineering services and P3I for the procured units. ACS funding provides for the acquisition and installation of simulator hardware and software, as well as non-recurring engineering services required to integrate the ACS, and initial training. Fixed Base system funding replaces obsolete legacy transmitters and receivers with the Global Air-Traffic Management compatible CM-300 and AN/PRC-117G radios. Fixed Base funded efforts also include P3I for DAAS, upgrade of the NAS voice switch, AAAS hardware and software upgrades to accommodate changes to the Digital Automatic Terminal Information Service and the USAF Weather System Joint Environmental Toolkit, and non-recurring engineering for DASR. Fixed Base equipment quantities and configurations are tailored to meet specific site requirements, resulting in varying unit costs. Funding ensures compliance and interoperability between the Army, Joint, and FAA systems.

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.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AA0050 / Air Traffic Control	
ID Code (A=Service Ready, B=Not Service Ready) :	**Program Elements for Code B Items:**	**Other Related Program Elements:** 0604633A

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	P-1 Line Item Number / Title: AA0050 / Air Traffic Control	Item Number / Title [DODIC]: AA0050 / Air Traffic Control

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity *(Units in Each)*	-	-	6	10	-	10
Gross/Weapon System Cost *($ in Millions)*	1,108.500	46.081	79.692	127.232	-	127.232
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	1,108.500	46.081	79.692	127.232	-	127.232
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,108.500**	**46.081**	**79.692**	**127.232**	**-**	**127.232**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	13,282.000	12,723.200	-	12,723.200

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																			
Recurring Cost																			
Fixed Base Precision Approach Radar		-	-	91.260	-	-	0.570	-	-	-	-	-	-	-	-	-	-	-	-
DoD Advanced Automation System (DAAS)		-	-	88.733	-	-	5.192	-	-	3.157	-	-	4.341	-	-	-	-	-	4.341
Digital Airport Surveillance Radar(DASR)		-	-	83.730	-	-	1.355	-	-	0.149	-	-	0.072	-	-	-	-	-	0.072
Tactical Airspace Integration Sys (TAIS)		-	-	336.740	-	-	13.481	-	-	13.956	-	-	29.175	-	-	-	-	-	29.175
Air Traffic Navigation and Integration		365,365.000	1	365.365	-	-	14.122	-	-	11.045	-	-	24.875	-	-	-	-	-	24.875
Navigational Control Aids		-	-	30.018	-	-	1.831	-	-	8.130	-	-	8.602	-	-	-	-	-	8.602
Tactical Terminal Control System (TTCS)		-	-	41.630	-	-	1.195	-	-	6.661	-	-	6.702	-	-	-	-	-	6.702
Mobile Tower System (MOTS)		-	-	70.440	-	-	7.468	5,752.333	6	34.514	4,834.100	10	48.341	-	-	-	4,834.100	10	48.341
ATC Common Simulator (ACS)		-	-	0.584	-	-	0.867	-	-	2.080	-	-	5.124	-	-	-	-	-	5.124
Subtotal: Recurring Cost		-	-	*1,108.500*	-	-	*46.081*	-	-	*79.692*	-	-	*127.232*	-	-	-	-	-	*127.232*
Subtotal: Flyaway Cost		-	-	*1,108.500*	-	-	*46.081*	-	-	*79.692*	-	-	*127.232*	-	-	-	-	-	*127.232*
Gross/Weapon System Cost		**-**	**-**	**1,108.500**	**-**	**-**	**46.081**	**13,282.000**	**6**	**79.692**	**12,723.200**	**10**	**127.232**	**-**	**-**	**-**	**12,723.200**	**10**	**127.232**

Exhibit P-5, Cost Analysis: PB 2015 Army		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A / 04 / 30	**P-1 Line Item Number / Title:** AA0050 / Air Traffic Control	**Item Number / Title [DODIC]:** AA0050 / Air Traffic Control

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	6	6	-	6
	Total Obligation Authority	46.081	79.692	114.412	-	114.412
ANG	Quantity	-	-	3	-	3
	Total Obligation Authority	-	-	9.615	-	9.615
AR	Quantity	-	-	1	-	1
	Total Obligation Authority	-	-	3.205	-	3.205
Total: Secondary Distribution	**Quantity**	**-**	**6**	**10**	**-**	**10**
	Total Obligation Authority	**46.081**	**79.692**	**127.232**	**-**	**127.232**

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AZ3300 / Industrial Facilities

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	182.116	1.525	1.615	1.203	-	1.203	1.217	1.239	1.420	1.453	-	191.788
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	182.116	1.525	1.615	1.203	-	1.203	1.217	1.239	1.420	1.453	-	191.788
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**182.116**	**1.525**	**1.615**	**1.203**	**-**	**1.203**	**1.217**	**1.239**	**1.420**	**1.453**	**-**	**191.788**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

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

Description:

This program provides funding to the Army Test and Evaluation Command (ATEC) to establish, modernize, expand or replace test facilities used in production testing of Aircraft and Aircraft components. It sustains Army production test capabilities through upgrade and replacement of instrumentation and equipment that is technologically and/or economically obsolete. Modernization of test instrumentation and equipment provides increased automation and efficiencies, improved data quality and quantity and cost avoidances to Army Program Managers. Programmed funding will be used to upgrade or replace production test instrumentation and equipment at the Redstone Test Center (RTC), Huntsville, AL and Yuma Test Center (YTC), Yuma Proving Ground, AZ.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.525	1.615	1.203	-	1.203	1.217	1.239	1.420	1.453
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**1.525**	**1.615**	**1.203**	**-**	**1.203**	**1.217**	**1.239**	**1.420**	**1.453**

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Item - AA7700 / PROVISION OF INDUSTRIAL FACILITIES	P-40a***		-	-	182.116	-	-	1.525	-	-	1.615	-	-	1.203	-	-	-	-	-	1.203

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** AZ3300 / Industrial Facilities
ID Code (A=Service Ready, B=Not Service Ready) :	**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Total Gross/Weapon System Cost			-	-	182.116	-	-	1.525	-	-	1.615	-	-	1.203	-	-	-	-	-	1.203

*** Although this is an Exhibit P-40a item, the actual exhibit is not included since all of the required information for this item is already being shown here.

*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 Base procurement dollars in the amount of $1.214 million support the following: At RTC, replaces instrumentation (accelerometers, fuel flow meters, pressure transducers, etc.) used to collect flight test data from all types of Army aircraft. Also replaces the current RTC navigation instrumentation with a modern system that continuously measures aircraft attitude, rates, and Global Positioning System position data, used in aircraft navigation testing. At YTC, procures replacement aircraft instrumentation for the time-stamping and on-board recording and telemetering of data from standard data buses and sensors; and on-board recorders and telemetry equipment that can meet the environment and data speeds needed for production base aviation programs. Funding will also provide upgraded Kineto Tracking Mounts (optical tracking equipment) used for trajectory estimates for aircraft fired munitions in the evaluation, integration and fault isolation of aircraft weapons systems (allows remote control of mounts for safety during tests with live munitions) and procure laser spot position measurement systems (cameras with specific scoring software) that will be used to evaluate laser target designators during aircraft weapons platform tests.

The majority of the instrumentation being upgraded or replaced is obsolete and has met or exceeded its economic life. This instrumentation is required to ensure complete and accurate test data is collected and safety and environmental hazards are minimized. Benefits of this project include increased test efficiencies and decreased costs and risks to Army Program Managers.

All COMPO 1 Active

Exhibit P-40, Budget Line Item Justification: PB 2015 Army	Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** A50100 / Launcher, 2.75 Rocket

ID Code (A=Service Ready, B=Not Service Ready) : **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)*	495	53	392	387	-	387	394	396	479	480	-	3,076
Gross/Weapon System Cost *($ in Millions)*	79.355	0.485	2.877	2.931	-	2.931	3.035	3.109	3.977	3.982	-	99.751
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) *($ in Millions)*	79.355	0.485	2.877	2.931	-	2.931	3.035	3.109	3.977	3.982	-	99.751
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**79.355**	**0.485**	**2.877**	**2.931**	**-**	**2.931**	**3.035**	**3.109**	**3.977**	**3.982**	**-**	**99.751**
(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 Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	160.313	9.151	7.339	7.574	-	7.574	7.703	7.851	8.303	8.296	-	32.429

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

Description:

The M261 19-tube analog launcher and the M260 7-tube analog launcher are used to fire 2.75 Inch Hydra 70 Rockets from the following platforms: AH-64 Apache, OH-58D Kiowa Warrior, MH-60L Blackhawk and AJ-6J Helicopters. The analog launchers are non-repairable, yet durable enough to withstand at least 16 rocket firings per tube before being discarded. The empty weight of the M260 analog launcher is approximately 35 pounds and the empty weight of the M261 analog launcher is approximately 82 pounds. The analog launcher permits fuze-timing selections from the cockpit and will launch rockets using either the MK40 or the MK66 motors.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	53	392	387	-	387	394	396	479	480
	Total Obligation Authority	0.485	2.877	2.931	-	2.931	3.035	3.109	3.977	3.982
Total: Secondary Distribution	**Quantity**	**53**	**392**	**387**	**-**	**387**	**394**	**396**	**479**	**480**
	Total Obligation Authority	**0.485**	**2.877**	**2.931**	**-**	**2.931**	**3.035**	**3.109**	**3.977**	**3.982**

Justification:

FY2015 procurement dollars in the amount of $2.931 million supports the M260 7-tube analog launcher for OH-58D Kiowa Warrior and AH-6J helicopters and the M261 19-tube analog launcher for the AH-64 Apache, MH-60L Blackhawk, and AH-6J helicopters. Procurement replaces disposable launchers as a result of annual rocket firings for training and replenishes the limited issuable stockage that has been depleted below levels acceptable to support training and war reserve requirements of Active Army, Special Operations Forces and Reserve Components usage.

Exhibit P-40, Budget Line Item Justification: PB 2015 Army		**Date:** March 2014
Appropriation / Budget Activity / Budget Sub Activity: 2031A: Aircraft Procurement, Army / BA 04: Support Equipment and Facilities / BSA 30: Other Support	**P-1 Line Item Number / Title:** A50100 / Launcher, 2.75 Rocket	
ID Code (A=Service Ready, B=Not Service Ready) :	**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."

MULTIYEAR PROCUREMENT Exhibits

-UH-60

Exhibit MYP-1, Multiyear Procurement Criteria

Date:
February 2014

Appropriation / Budget Activity:
2031 Aircraft Procurement - Army / Aircraft (BA-01)

P-1 Item Nomenclature:
UH-60 Blackhawk Production Contract MultiYear/MultiService

1. Multiyear Procurement Description:

This Multiyear Procurement (MYP) covers the purchase of 409 UH-60M/HH-60M aircraft and 193 Navy MH-60R/S helicopter airframes in FY 2012 through FY 2016 under a single, five year, firm fixed price contract (FFP). The MYP was certified by The Secretary of Defense on 1 March, 2011. This supported the Congressional Authorization and Appropriation approvals granted in the FY 2012 National Defense Authorization Act (NDAA) and the Appropriations Act. The MYP contract was awarded on 6 July, 2012. The MYP settlement position achieved a cost avoidance 10.5% ($503.8M) due to the Army Aircraft Procurement Appropriation over five single year buys. The Navy is providing their PB15 cost avoidance update separately.

Submission of updated MYP exhibits is required due to quantity profile changes since FY14 President's Budget. Multiyear(MYP) values are actual contract award values while single year values(SYP) are based on the Business Case Analysis (BCA) received from the contractor in 2009.

The MYP includes a Variation in Quantity clause to allow for minor fluctuations in quantity from that reflected in the FY2012 President's Budget profile.

2. Benefit to the Government:

a. Substantial Savings:

Implementation of this proposed MYP will yield significant opportunity for cost avoidance through the term of the contract. Specifically, cost avoidance for FY 2012 through FY 2016 attributable to this MYP strategy is estimated at $503.8M (10.5%) for the UH-60M/HH-60M. The Navy is providing their PB15 cost avoidance update separately. This level of avoidance is based on a comparison of the prices for five single year contracts to the price for one five year multiyear contract. The budgets of all three aircraft programs reflect the pricing of the estimated multiyear alternative.

Administrative costs are reduced since there is only one proposal, negotiation, and purchase order instead of a string of five single year procurement actions. These costs are reduced to the prime contractor, since they only have one contract to negotiate with the Government vice five. Prime contractor costs will also be reduced as subcontracts at all tiers will only be entered into once. Since some suppliers include proposal preparation and negotiation as a direct charge to the purchase order, there will be a dollar for dollar reduction in these cases and the cost will not get lost in overhead rates. Another administrative reduction is realized in production planning. Cost avoidance will be gained as production line administrative processes will only be performed once, rather than five times under single year procurement. Additionally, the workload on the Government's acquisition workforce will be reduced via the MYP, resulting in greater efficiency in other H-60 acquisition operations.

The prime contractor sets the standard for the vendors that support his contract commitments and, as new processes and innovations are implemented at the prime facility, the vendors are encouraged to adopt those elements that enhance their performance. The stability of long term commitments supported by multiyear contracts provides the collateral required to support their financial investments.

Exhibit MYP-1, Multiyear Procurement Criteria	Date: February 2014
Appropriation / Budget Activity: 2031 Aircraft Procurement - Army / Aircraft (BA-01)	**P-1 Item Nomenclature:** UH-60 Blackhawk Production Contract MultiYear/MultiService

Many electronics components have minimum buy quantities which may not be met under single year procurements, driving up unit costs so that total cost is artificially high. Multiyear procurement quantities will allow the prime contractor and subcontractors at all tiers to exceed minimum order quantities and capture cost avoidance on these components. Typically, suppliers will provide price discounts to lock in business. Given a five year contract, suppliers will have greater total business and stability. Therefore, they will be capable of finding innovative processes and be able to justify capital investments necessary to reduce costs. Some of these cost reductions will be passed on to the customer in the form of price reductions. In addition to these types of process innovations and capital investments, competition is expected to be greater based on larger purchase volumes, and obsolescence risks and costs are expected to be minimized.

b. Stability of Requirement:

The UH-60M/HH-60M BLACK HAWK is one of the core aviation programs and is approved through the current Five Year Defense Program (FYDP). The minimum need for the UH-60M/HH-60M BLACK HAWK is not expected to decrease during the contemplated contract period, as the requirement for over 1800 replacement aircraft will support production well into the 2020s. The requirement for both the MH-60R and the MH-60S aircraft is well documented within the Navy. The Navy's total MH-60 requirement is set forth in the Navy Aviation Plan 2030. Both the MH-60R and the MH-60S are key components in the Navy's investment strategy for long range recapitalization and modernization requirements needed to support the tenets of the maritime strategy. The MH-60R Operational Requirements Document (ORD) was approved by the Joint Requirements Oversight Council (JROC) in August 1992 and the latest revision which updated the document to a Capability Production Document was approved in November 2005. The MH-60S Operational Requirements Document (ORD) was approved in August 2002 and the latest revision (ORD Update 2) was approved by the JROC in February 2008.

c. Stability of Funding:

The funding for the UH-60M/HH-60M, MH-60S, and MH-60R is stable. The Army has consistently included funding for the UH-60 BLACK HAWK in its budget submissions. Congressional action has provided funding for production in excess of the President's Budget request in each of the last nine years. The Service Acquisition Executive (SAE) conducted a review of the MH-60R program in March 2006 and directed the program to proceed to full rate production. The SAE conducted a review of the MH-60S program in August 2002 and directed the program to proceed to full rate production. Independent cost estimates were conducted to support both of these milestone decisions. Funding support for the MH-60R and MH-60S has consistently been shown by both the Navy and Congress.

d. Stable Configuration:

The UH-60M/HH-60M and the MH-60R airframes will be in its sixth year of Full Rate production in FY 2012 and the MH-60S airframe will be in its eleventh year of full rate production in FY 2012. All aircraft will be produced in basically the same configurations that have been utilized in previous years. There have been some configuration changes during that period to allow for changing mission requirements or to improve on the producibility or reliability of the system. The Army portion of the contract will procure two separate models—the base UH-60M as well as a MEDEVAC model designated as the HH-60M. The Navy portion of the proposed contract will procure two distinct airframe configurations; the MH-60R and the MH-60S. Commonality between the configurations is substantial.

e. Realistic Cost Estimate:

Exhibit MYP-1, Multiyear Procurement Criteria	Date: February 2014
Appropriation / Budget Activity: 2031 Aircraft Procurement - Army / Aircraft (BA-01)	**P-1 Item Nomenclature:** UH-60 Blackhawk Production Contract MultiYear/MultiService

The multiyear (MY) cost estimates for the UH-60M/HH-60M, MH-60R, and MH-60S reflect the values contained in the contract (W58RGZ-12-C-0008). The single year (SY) estimates are based the business case analysis (BCA) data provided by the contractor in April, 2009. The contract is a five year Firm Fixed Price contract.

f. National Security:

As a principle element of the Defense Planning Guidance (DPG), the Department of the Army and Navy developed its Transformation Roadmaps. The Roadmap describes the key army and naval concepts, capabilities, initiatives, processes and programs that will guide the transformation efforts of the services. Both Army and Naval transformation will support joint transformation by delivering new military capabilities that will greatly expand the sovereign options available to joint force commanders to project power, assure access, and protect and advance America's interest worldwide, in the face of emergent threat technologies and strategies. The UH-60 Black Hawk is the Army's primary helicopter for air assault, air cavalry and aeromedical evacuation units. Modified Black Hawks also fulfill command and control, electronic warfare and special operations roles. The Black Hawk has enhanced the overall mobility of the Army because of its dramatic improvements in troop capacity and cargo lift capability troops can be transported faster and in most weather conditions. One of these concepts that MH-60R/S is a part of is Sea Shield. Sea Shield permits the joint force to operate effectively despite adversary efforts to deny theater access U.S. forces. It achieves these goals by exploiting global sea control to defeat area denial threats including aircraft, missiles, small littoral surface combatants, mines and submarines. Concepts and capabilities are being developed to counter the threats from quiet diesel submarines operating near the coast and mines in and beyond the surf zone. The MH-60R/S aircraft are key components in providing these capabilities. The H-60M and MH-60R/S are lethal and flexible platforms that offer the force commander multiple options to conduct a capabilities based response to future threats. The H-60M and MH-60R/S systems directly support five of the nine joint capability areas to include force application, battle space awareness, protection, building partnerships and logistics.

3. Source of Savings:

($Millions)

	ARMY
Inflation	44.8
Material	113.2
Labor/Rates	285.3
Fee	60.6
TOTAL COST AVOIDANCE	503.8

* The PB15 Navy cost avoidance update will be provided separately.
** The Workload Savings total is auto-generated, and differs from the Army recorded cost avoidance of $285.3M for Labor/Rates.

	$ in Millions
Inflation	$44.800
Vendor Procurement	$0.000

Exhibit MYP-1, Multiyear Procurement Criteria

Date:
February 2014

Appropriation / Budget Activity:
2031 Aircraft Procurement - Army / Aircraft (BA-01)

P-1 Item Nomenclature:
UH-60 Blackhawk Production Contract MultiYear/MultiService

Manufacturing	$113.200
Design/Engineering	$0.000
Tool Design	$0.000
Support Equipment	$0.000
Other	$60.600
Workload Savings	$469.900
Total	**$688.500**

4. Advantages of the MYP:

This MYP strategy has been structured to achieve significant cost avoidance ($503.8M attributable to UH-60M/HH-60M) and will eliminate the need to develop an annual plan on a yearly basis; one year of planning will replace five independent years of planning. The strategy maintains the capability to produce additional aircraft to maintain an industrial base necessary to meet the production requirements of current and future helicopter systems. Cost avoidance resulting from economic order quantities and independent planning result in benefit to industry and government.

5. Impact on Defense Industrial Base:

Implementation of this proposed MYP will also yield a favorable impact on the industrial base. The stability afforded by the use of multiyear procurement will allow the prime contractor to enter into long term agreements with suppliers, at every tier, which provide substantial cost avoidance. Such long term agreements incentivize both the prime and the subcontractors to invest in process improvements which yield long term benefits in terms of product quality and cost. The stability of the prime multiyear contract will also foster improved competition at the subcontractor level, as the offer of a longer term business arrangement will encourage more aggressive pursuit of a contract award. The contractor and the subcontractor will be at a reduced risk when implementing production process improvements, facility improvements, tooling design improvements and fabrication process improvements. The ability for the Government and industry to enter into a long-term agreement will allow industry the opportunity to place capital investments upfront, which reduces the overall cost and improves the quality of the Army H-60 as well as the Navy MH-60.

6. Multiyear Procurement Summary:

	Annual Contracts	MultiYear Contract
Quantity	409	409
Total Contract Price	$5,302.200	$4,798.300
Cancellation Ceiling (highest point)		
Funded		$ 0.000
Unfunded		$ 0.000
$ Cost Avoidance Over Annual		$503.900
% Cost Avoidance Over Annual		9.5%

Exhibit MYP-2 Total Program Funding Plan (ARMY)	Date: February 2014
PROCUREMENT	P-1 Line Item Nomenclature - UH-60 Blackhawk Production Contract MultiYear/MultiService (ARMY)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		TOTAL
Procurement Quantity		89	74	65	63	64									355
Annual Procurement															
Gross Cost		1713.1	1,768.5	1317.3	1453.4	1391.1									7643.4
Less PY Adv Procurement		(100.0)	(105.5)	(77.9)	(77.6)	(89.3)									(550.3)
Net Procurement (= P-1)		1613.1	1663.0	1239.4	1375.8	1301.8									7193.1
Plus CY Adv Procurement	100.0	105.5	77.7	77.6	89.5										450.3
Weapon System Cost	100.0	1718.6	1740.7	1317.0	1465.3	1301.8									7643.4
Multiyear Procurement															
Gross Cost (P-1)		1597.7	1660.4	1227.0	1356.5	1297.9									7139.5
Less PY Adv Procurement		(100.0)	(197.9)	(108.2)	(119.6)	(137.3)									(663.0)
Net Procurement (= P-1)		1497.7	1462.5	1118.8	1236.9	1160.6									6476.5
Advance Procurement															
For FY12	100.0														100.0
For FY13		197.9													197.9
For FY14		1.4	106.8												108.2
For FY15		0.4	6.3	112.9											119.6
For FY16		0.1	2.0	3.1	132.1										137.3
Plus CY Adv Procurement	100.0	199.8	115.1	116.0	132.1										663.0
Weapon System Cost	100.0	1697.5	1577.6	1234.8	1369.0	1160.6									7139.5
MultiyearSavings ($)		21.1	163.1	82.2	96.3	141.2									503.9
Multiyear Savings (%) (total only)															6.6%
Cancellation Ceiling, Funded															
Cancellation Ceiling, Unfunded															
OUTLAYS															
Annual	7.8	174.7	867.8	1181.6	1276.2	1364.9	1251.2	709.5	412.7	200.4	100.5	28.0			7575.3
Multiyear	7.8	173.0	846.5	1103.7	1198.9	1271.5	1148.2	651.4	376.3	183.3	90.9	25.0			7076.5
Savings		1.7	21.3	77.9	77.3	93.4	103.0	58.1	36.4	17.1	9.6	3.0			498.8

Exhibit MYP-2, Total Program Funding Plan

* Numbers may not add due to rounding.

P-1 Shopping List - Item No
20-6772AA0005

Exhibit MYP-3 Total Contract Funding Plan (ARMY)	Date: February 2014
PROCUREMENT	P-1 Line Item Nomenclature - UH-60 Blackhawk Production Contract MultiYear/MultiService (ARMY)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		TOTAL
Procurement Quantity		89	100	70	79	71									409
Annual Procurement															
Gross Cost		1214.0	1,137.4	950.4	1019.8	980.6									5302.2
Less PY Adv Procurement		(38.9)													(77.8)
Net Procurement (= P-1)		1175.1	1137.4	950.4	1019.8	980.6									5263.3
Plus CY Adv Procurement	38.9														38.9
Contract Price	38.9	1175.1	1137.4	950.4	1019.8	980.6									5302.2
Multiyear Procurement															
Gross Cost (P-1)		1098.6	1029.3	860.1	922.9	887.4									4798.3
Less PY Adv Procurement		(38.9)	(92.4)	(30.3)	(42.0)	(48.0)									(251.6)
Net Procurement (= P-1)		1059.7	936.9	829.8	880.9	839.4									4546.7
Advance Procurement															
For FY12	38.9														38.9
For FY13		92.4													92.4
For FY14		1.4	28.9												30.3
For FY15		0.4	7.0	34.6											42.0
For FY16		0.1	1.5	3.8	42.6										48.0
Plus CY Adv Procurement	38.9	94.3	37.4	38.4	42.6										251.6
Contract Price	38.9	1154.0	974.3	868.2	923.5	839.4									4798.3
MultiyearSavings ($)		21.1	163.1	82.2	96.3	141.2									503.9
Multiyear Savings (%) (total only)															9.5%
Cancellation Ceiling, Funded															
Cancellation Ceiling, Unfunded															
OUTLAYS															
Annual	3.0	107.2	583.3	785.4	881.8	947.9	899.5	506.8	298.8	145.7	73.9	21.1			5254.4
Multiyear	3.0	105.5	562.0	707.5	804.5	854.5	796.5	448.7	262.4	128.6	64.3	18.1			4755.6
Savings		1.7	21.3	77.9	77.3	93.4	103.0	58.1	36.4	17.1	9.6	3.0			498.8

Exhibit MYP-3, Total Contract Funding Plan

* Numbers may not add due to rounding.

P-1 Shopping List - Item No
20-6772AA0005

Exhibit MYP-4 Present Value Analysis (ARMY)	Date: February 2014
PROCUREMENT	P-1 Line Item Nomenclature - UH-60 Blackhawk Production Contract MultiYear/MultiService (ARMY)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		TOTAL
Annual Proposal															
Then Year Cost	3.0	107.2	583.3	785.4	881.8	947.9	899.5	506.8	298.8	145.7	73.9	21.1			5254.4
Constant Year Cost	3.1	107.2	573.6	759.4	838.4	886.2	826.9	458.1	265.6	127.3	63.5	17.8			4927.1
Present Value		106.5	561.9	733.9	799.1	833.2	766.8	419.1	239.6	113.3	55.8	15.4			4644.6
Multiyear Proposal															
Then Year Cost	3.0	105.5	562.0	707.5	804.5	854.5	796.5	448.7	262.4	128.6	64.3	18.1			4755.6
Constant Year Cost	3.1	105.5	552.7	684.1	764.9	798.9	732.2	405.6	233.2	112.4	55.3	15.3			4463.1
Present Value		104.8	541.4	661.1	729.1	751.1	679.0	371.0	210.4	100.0	48.5	13.2			4209.7
Difference															
Then Year Cost		1.7	21.3	77.9	77.3	93.4	103.0	58.1	36.4	17.1	9.6	3.0			498.8
Constant Year Cost		1.7	20.9	75.3	73.5	87.3	94.7	52.5	32.4	14.9	8.2	2.5			464.1
Present Value		1.7	20.5	72.8	70.1	82.1	87.8	48.0	29.2	13.3	7.2	2.2			434.9
Multiyear Savings ($)		1.7	21.3	77.9	77.3	93.4	103.0	58.1	36.4	17.1	9.6	3.0			498.8

NOTE: MYP Procurement Period is 11 years. Real Interest Rate for MYP Procurement Period of 11 years is 1.01380000%.
(OMB Circular No. A-94, January 2013)

Exhibit MYP-4 Present Value Analysis

* Numbers may not add due to rounding.