Department of Defense Fiscal Year (FY) 2013 President's Budget Submission

February 2012



Army

Justification Book

Procurement of W&TCV, Army

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

APPROPRIATION LANGUAGE

For construction, procurement, production, and modification of weapons and tracked combat vehicles, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefore, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$1,517,128,000 to remain available for obligation until September 30, 2015.

Cost for preparing the Committee Staff Procurement Backup Book is \$945.00

DEPARTMENT OF THE ARMY

FY 2013 PROCUREMENT PROGRAM (WORKSETS INCLUDED) President's Budget 2013

EXHIBIT P-1 DATE: 02-Feb-2012 9:04

TABLE OF CONTENTS

		PAGE
SUMMARY BY APPROPRIATION	2	
SUMMARY BY ACTIVITY:		
Procurement of W&TCV, A	Army	3
ACTIVITY: 01	Tracked combat vehicles	4
ACTIVITY: 02	Weapons and other combat vehicles	5
ACTIVITY: 03	Spare and repair parts	7
NOMENCLATURE INDEX		8
SSN INDEX		10

DEPARTMENT OF THE ARMY

FY 2013 PROCUREMENT PROGRAM (WORKSETS INCLUDED) President's Budget 2013

D

EXHIBIT P-1 DATE: 02-Feb-2012 9:04

APPROPRIATION SUMMARY
APPROPRIATION

FY2011 FY2012

DOLLARS IN THOUSANDS

FY2013 FY2013 OCO FY2013 Total PAGE
,501,706 15,422 1,517,128 3

Procurement of W&TCV, Army

TOTAL PROCUREMENT PROGRAM

DEPARTMENT OF THE ARMY

FY 2013 PROCUREMENT PROGRAM (WORKSETS INCLUDED) President's Budget 2013

DOLLARS IN THOUSANDS

DATE: 02-Feb-2012 9:04

EXHIBIT P-1

APPROPRIATION Procurement of W&TCV, Army

	ACTIVITY	FY2011	FY2012	FY2013 F	Y2013 OCO	FY2013 Total	PAGE
01	Tracked combat vehicles	2,331,252	1,696,578	1,162,137		1,162,137	4
02	Weapons and other combat vehicles	686,670	304,101	308,352	15,422	323,774	5
03	Spare and repair parts		106,843	31,217		31,217	7
	APPROPRIATION TOTALS	3,017,922	2,107,522	1,501,706	15,422	1,517,128	

DEPARTMENT OF THE ARMY

FY 2013 PROCUREMENT PROGRAM (WORKSETS INCLUDED)

President's Budget 2013

APPROPRIATION Procurement of W&TCV, Army **ACTIVITY** 01 Tracked combat vehicles **DOLLARS IN THOUSANDS** LINE FY 2011 FY 2012 FY 2013 FY 2013 OCO FY 2013 TOTAL NO ITEM NOMENCLATURE ID QTY COST QTY COST QTY COST OTY COST QTY COST Tracked Combat Vehicles Stryker Vehicle (G85100) 292 1,386,014 100 606,894 58 286,818 58 286.818 2 FCS SPIN OUTS (G86200) SUB-ACTIVITY TOTAL 1,386,014 606,894 286,818 286,818 Modification Of Tracked Combat Vehicles Α 3 Stryker (Mod) (GM0100) 84,573 51,497 60,881 60,881 4 FIST Vehicle (Mod) (GZ2300) 30.908 35.082 57.257 57.257 Bradley Program (MOD) (GZ2400) 202.987 Α 250.710 148.193 148.193 6 Howitzer, Med Sp Ft 155MM M109A6 (MOD) (GA0400) Α 5,244 46,876 10,341 10,341 Paladin PIM Mod In Service (GZ0410) Α 17 206,101 17 206,101 Improved Recovery Vehicle (M88A2 HERCULES) (GA0570) 120,218 7,452 Α 29 31 107,909 31 107,909 9 Assault Breacher Vehicle (G82925) Α 19 77.492 18 97.004 10 50.039 10 50.039 10 M88 FOV MODS (G80571) 9,105 32,483 29,930 29,930 Α 11 M1 Abrams Tank (MOD) (GA0700) Α 229,612 131,178 129,090 129,090 12 Abrams Upgrade Program (GA0750) Α 181,973 63 436,329 74,433 74,433 SUB-ACTIVITY TOTAL 942,112 874,174 1,088,611 874,174 Support Equipment and Facilities 13 Production Base Support (TCV-WTCV) (GA0050) 3,126 1,073 1,145 1,145 SUB-ACTIVITY TOTAL 3,126 1,073 1,145 1,145

EXHIBIT P-1

DATE: 02-Feb-2012 9:04

DEPARTMENT OF THE ARMY

FY 2013 PROCUREMENT PROGRAM (WORKSETS INCLUDED)

President's Budget 2013

ACTIVITY 01 Tracked combat vehicles **DOLLARS IN THOUSANDS** FY 2011 FY 2012 FY 2013 FY 2013 OCO **FY 2013 TOTAL** ID QTY COST QTY COST QTY COST QTY COST QTY COST

2,331,252

ACTIVITY TOTAL

APPROPRIATION Procurement of W&TCV, Army

NO ITEM NOMENCLATURE

LINE

1,696,578 1,162,137 **EXHIBIT P-1**

1,162,137

DATE: 02-Feb-2012 9:04

DEPARTMENT OF THE ARMY

FY 2013 PROCUREMENT PROGRAM (WORKSETS INCLUDED)

President's Budget 2013

EXHIBIT P-1 DATE: 02-Feb-2012 9:04

APPROPRIATION Procurement of W&TCV, Army LINE	VITY 02 Weapons and other combat vehi	icles	2011	DOLLARS IN THOUSANDS FY 2012 FY 2013 FY 2013 OCO					FY 2013 TOTAL		
NO ITEM NOMENCLATURE	ID	QTY	COST	QTY	COST	QTY	COST	QTY COST	QTY	COST	
Weapons and Other Combat Vehicles											
14 Integrated Air Burst Weapon System Family (G16101)	A						506			506	
15 M240 Medium Machine Gun (7.62mm) (G13000)	A	479	20,362								
16 Machine Gun, Cal .50 M2 Roll (GB2000)	Α		79,496		31,102						
17 Lightweight .50 Caliber Machine Gun (G12800)	Α			285	19,357	610	25,183		610	25,183	
18 MK-19 Grenade Machine Gun (40mm) (G13400)	Α	196	4,439								
19 Mortar Systems (G02200)		409	25,585	70	10,177		8,104			8,104	
20 M107, Cal. 50, Sniper Rifle (G01500)			232								
21 XM320 Grenade Launcher Module (GLM) (G01501)	A	13,655	38,690	2,954	12,055	2,280	14,096		2,280	14,096	
22 M110 Semi-Automatic Sniper System (SASS) (G01505)	Α	844	18,429								
23 M4 Carbine (G14904)	A	11,494	20,066	12,000	21,700						
24 Carbine (G13501)	Α					12,000	21,272		12,000	21,272	
25 Shotgun, Modular Accessory System (MASS) (G18300)	Α	2,401	7,112	2,244	6,707	2,107	6,598		2,107	6,598	
26 Common Remotely Operated Weapons Station (CROWS) (C	G04700)	725	160,000		14,890	240	56,725		240	56,725	
27 Howitzer Lt Wt 155mm (T) (G01700)		14	62,000		13,066		13,827			13,827	
SUB-ACTIVITY TOTAL		_	436,411	_	129,054	-	146,311		_	146,311	
Modification Of Weapons and Other Combat Vehic	eles										
28 MK-19 Grenade Machine Gun MODS (GB3000)			2,968								
29 M777 Mods (GZ1700)	Α						26,843			26,843	

DEPARTMENT OF THE ARMY

FY 2013 PROCUREMENT PROGRAM (WORKSETS INCLUDED) President's Budget 2013

EXHIBIT P-1 DATE: 02-Feb-2012 9:04

APPROPRIATION Procurement of W&TCV, Army	CTIVITY 02 Weapons and other combat vehic	cles	DOLLARS IN THOUSANDS								
LINE NO ITEM NOMENCLATURE	ID	FY QTY	2011 COST	FY QTY	2012 COST	FY QTY	2013 COST	FY 20 QTY	13 OCO COST	FY 201 QTY	3 TOTAL COST
30 M4 Carbine Mods (GB3007)	A		56,864		41,892		27,243				27,243
31 M2 50 Cal Machine Gun MODS (GB4000)	В		60,000		48,856		39,974				39,974
32 M249 SAW Machine Gun MODS (GZ1290)			5,888		8,480		4,996				4,996
33 M240 Medium Machine Gun MODS (GZ1300)	Α		15,762		15,718		6,806				6,806
34 Sniper Rifles Modifications (GZ1500)			20,900		1,994		14,113				14,113
35 M119 Modifications (GC0401)	A		61,086		38,701		20,727				20,727
36 M16 Rifle Mods (GZ2800)	Α		3,832		3,476		3,306		15,422		18,728
37 Modifications Less Than \$5.0m (WOCV-WTCV) (GC0925	5)		6,048		2,973		3,072				3,072
SUB-ACTIVITY TOTAL			233,348	•	162,090	•	147,080	-	15,422	-	162,502
Support Equipment and Facilities											
38 Items Less Than \$5.0m (WOCV-WTCV) (GL3200)			4,664				2,026				2,026
39 Production Base Support (WOCV-WTCV) (GC0050)			7,824		10,080		10,115				10,115
40 Industrial Preparedness (GC0075)			405		424		442				442
41 Small Arms Equipment (Soldier Enh Prog) (GC0076)			4,018		2,453		2,378				2,378
SUB-ACTIVITY TOTAL			16,911	į	12,957	•	14,961			-	14,961
ACTIVITY TOTAL			686,670		304,101	-	308,352	-	15,422	-	323,774

DEPARTMENT OF THE ARMY

FY 2013 PROCUREMENT PROGRAM (WORKSETS INCLUDED) President's Budget 2013

AM (WORKSETS INCLUDED)

DATE: 02-Feb-2012 9:04

APPROPRIATION Procurement of W&TCV, Army	ACTIVITY 03 Spare and repair parts	Y 03 Spare and repair parts					DOLLARS IN THOUSANDS								
LINE		FY 2011		FY	FY 2012		FY 2013		FY 2013 OCO		13 TOTAL				
NO ITEM NOMENCLATURE	ID	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST				
Spares and Repair Parts															
42 Spares And Repair Parts (WTCV) (GE0150)					106,843		31,217	7			31,217				
SUB-ACTIVITY TOTAL					106,843	•	31,21	- 7		•	31,217				
ACTIVITY TOTAL				ō	106,843	•	31,217	7			31,217				
APPROPRIATION TOTAL			3,017,92	2	2,107,522	•	1,501,706	-	15,42	<u>-</u> .	1,517,128				

EXHIBIT P-1

Army • President's Budget Submission FY 2013 • Procurement

Table of Contents

Line Item Table of Contents (by Appropriation then Line Number) i
Line Item Table of Contents (Alphabetically by Line Item Title)
Exhibit P-40's 1

Army • President's Budget Submission FY 2013 • Procurement

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

Appropriation 2033A: Procurement of W&TCV, Army

Line #	ВА	BSA	Line Item Number	Line Item Title	Page
1	01	10	G85100	Stryker Vehicle	1
2	01	10	G86200	FCS SPIN OUTS	10
3	01	20	GM0100	Stryker (Mod)	11
4	01	20	GZ2300	FIST Vehicle (Mod)	28
5	01	20	GZ2400	Bradley Program (MOD)	35
6	01	20	GA0400	Howitzer, Med Sp Ft 155MM M109A6 (MOD)	51
7	01	20	GZ0410	Paladin PIM Mod In Service	69
8	01	20	GA0570	Improved Recovery Vehicle (M88A2 HERCULES)	76
9	01	20	G82925	Assault Breacher Vehicle	84
10	01	20	G80571	M88 FOV MODS	91
11	01	20	GA0700	M1 Abrams Tank (MOD)	97
12	01	20	GA0750	Abrams Upgrade Program	115
13	01	30	GA0050	Production Base Support (TCV-WTCV)	122

Army • President's Budget Submission FY 2013 • Procurement

Appropriation 2033A: Procurement of W&TCV, Army

Line #	ВА	BSA	Line Item Number	Line Item Title	Page
14	02	10	G16101	Integrated Air Burst Weapon System Family	127
15	02	10	G13000	M240 Medium Machine Gun (7.62mm)	129
16	02	10	GB2000	Machine Gun, Cal .50 M2 Roll	136
17	02	10	G12800	Lightweight .50 Caliber Machine Gun	139
18	02	10	G13400	MK-19 Grenade Machine Gun (40mm)	146
19	02	10	G02200	Mortar Systems	147
20	02	10	G01500	M107, Cal. 50, Sniper Rifle	155
21	02	10	G01501	XM320 Grenade Launcher Module (GLM)	156
22	02	10	G01505	M110 Semi-Automatic Sniper System (SASS)	164
23	02	10	G14904	M4 Carbine	172
24	02	10	G13501	Carbine	178
25	02	10	G18300	Shotgun, Modular Accessory System (MASS)	184
26	02	10	G04700	Common Remotely Operated Weapons Station (CROWS)	192
27	02	10	G01700	Howitzer Lt Wt 155mm (T)	200
28	02	20	GB3000	MK-19 Grenade Machine Gun MODS	207
29	02	20	GZ1700	M777 Mods	208

Army • President's Budget Submission FY 2013 • Procurement

Appropriation 2033A: Procurement of W&TCV, Army

Line #	ВА	BSA	Line Item Number	Line Item Title	Page
30	02	20	GB3007	M4 Carbine Mods	218
31	02	20	GB4000	M2 50 Cal Machine Gun MODS	231
32	02	20	GZ1290	M249 SAW Machine Gun MODS	240
33	02	20	GZ1300	M240 Medium Machine Gun MODS	253
34	02	20	GZ1500	Sniper Rifles Modifications	260
35	02	20	GC0401	M119 Modifications	
36	02	20	GZ2800	M16 Rifle Mods	282
37	02	20	GC0925	Modifications Less Than \$5.0m (WOCV-WTCV)	292
38	02	30	GL3200	Items Less Than \$5.0m (WOCV-WTCV)	307
39	02	30	GC0050	Production Base Support (WOCV-WTCV)	308
40	02	30	GC0075	Industrial Preparedness	315
41	02	30	GC0076	Small Arms Equipment (Soldier Enh Prog)	316

Appropriation 2033A: Procurement of W&TCV, Army

Line #	ВА	BSA	Line Item Number	Line Item Title	Page
42	03	10	GE0150	Spares And Repair Parts (WTCV)	317

Army • President's Budget Submission FY 2013 • Procurement

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

Line Item Title	Line Item Number	Line #	ВА	BSA Page
Abrams Upgrade Program	GA0750	12	01	20 115
Assault Breacher Vehicle	G82925	9	01	20 84
Bradley Program (MOD)	GZ2400	5	01	20 35
Carbine	G13501	24	02	10 178
Common Remotely Operated Weapons Station (CROWS)	G04700	26	02	10 192
FCS SPIN OUTS	G86200	2	01	10 10
FIST Vehicle (Mod)	GZ2300	4	01	20 28
Howitzer Lt Wt 155mm (T)	G01700	27	02	10 200
Howitzer, Med Sp Ft 155MM M109A6 (MOD)	GA0400	6	01	20 51
Improved Recovery Vehicle (M88A2 HERCULES)	GA0570	8	01	20 76
Industrial Preparedness	GC0075	40	02	30 315
Integrated Air Burst Weapon System Family	G16101	14	02	10 127
Items Less Than \$5.0m (WOCV-WTCV)	GL3200	38	02	30 307
Lightweight .50 Caliber Machine Gun	G12800	17	02	10 139
M1 Abrams Tank (MOD)	GA0700	11	01	20 97
M107, Cal. 50, Sniper Rifle	G01500	20	02	10 155
M110 Semi-Automatic Sniper System (SASS)	G01505	22	02	10 164

UNCLASSIFIEDArmy • President's Budget Submission FY 2013 • Procurement

Line Item Title	Line Item Number	Line #	ВА	BSA	Page
M119 Modifications	GC0401	35	02	20	272
M16 Rifle Mods	GZ2800	36	02	20	282
M2 50 Cal Machine Gun MODS	GB4000	31	02	20	231
M240 Medium Machine Gun (7.62mm)	G13000	15	02	10	129
M240 Medium Machine Gun MODS	GZ1300	33	02	20	253
M249 SAW Machine Gun MODS	GZ1290	32	02	20	240
M4 Carbine	G14904	23	02	10	172
M4 Carbine Mods	GB3007	30	02	20	218
M777 Mods	GZ1700	29	02	20	208
M88 FOV MODS	G80571	10	01	20	91
MK-19 Grenade Machine Gun (40mm)	G13400	18	02	10	146
MK-19 Grenade Machine Gun MODS	GB3000	28	02	20	207
Machine Gun, Cal .50 M2 Roll	GB2000	16	02	10	136
Modifications Less Than \$5.0m (WOCV-WTCV)	GC0925	37	02	20	292
Mortar Systems	G02200	19	02	10	147
Paladin PIM Mod In Service	GZ0410	7	01	20	69
Production Base Support (TCV-WTCV)	GA0050	13	01	30	122
Production Base Support (WOCV-WTCV)	GC0050	39	02	30	308
Shotgun, Modular Accessory System (MASS)	G18300	25	02	10	184
Small Arms Equipment (Soldier Enh Prog)	GC0076	41	02	30	316

Army • President's Budget Submission FY 2013 • Procurement

Line Item Title	Line Item Number	Line #	ВА	BSA Page)
Sniper Rifles Modifications	GZ1500	34	02	20 260)
Spares And Repair Parts (WTCV)	GE0150	42	03	10 317	7
Stryker (Mod)	GM0100	3	01	20 1	1
Stryker Vehicle	G85100	1	01	10	1
XM320 Grenade Launcher Module (GLM)	G01501	21	02	10 156	3

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

G85100 - Strvker Vehicle

10: Tracked Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : A		Progran	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	ents:		
	Prior		->/ /-	FY 2013					->/ 00/0	->/ /-	То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	292	100	58	-	58	-	-	-	-	628	1,078
Gross/Weapon System Cost (\$ in Millions)	10,748.176	1,386.014	606.894	286.818	-	286.818	99.387	74.466	-	-	3,601.376	16,803.131
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	10,748.176	1,386.014	606.894	286.818	-	286.818	99.387	74.466	-	-	3,601.376	16,803.131
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	10,748.176	1,386.014	606.894	286.818	-	286.818	99.387	74.466	-	-	3,601.376	16,803.131
(The fo	llowing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			

(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	4,746.623	6,068.940	4,945.138	-	4,945.138	-	-	-	-	5,734.675	15.587

Description:

A dynamic asymmetric threat and operational environment demands full spectrum, strategically responsive, agile and dominant land forces. Immediate response by a lethal, versatile, tactically agile joint force capable of operational maneuver is essential to fulfilling the Army's Warfighting needs. The Stryker-equipped Brigade Combat Team (BCT) is this force. The use of a common platform/common chassis design reduces requirements for repair parts and logistics support in the area of operations.

The Stryker Brigade Combat Team (SBCT), equipped with Stryker Vehicles, can be used across the full spectrum of military operations. The Stryker Brigade Combat Team deploys rapidly and conducts effective combat operations immediately on arrival to prevent, contain, stabilize, or resolve a conflict through shaping and decisive operations. Configurations of Stryker Vehicles are: Infantry Carrier: The Infantry Carrier Vehicle (ICV) carries an infantry squad with individual equipment. The ICV also provides protected transport and supporting fires for the infantry squad during dismounted assault.

Reconnaissance Vehicle: The Reconnaissance Vehicle (RV) provides force situational awareness, gathering and transmitting real time intelligence while moving throughout the battlefield in close, complex, and urban terrain.

Mobile Gun System: The Mobile Gun System (MGS) supports dismounted infantry and engages the enemy in close combat in order to clear opposition and permit rapid movement, allowing the force to maintain the initiative, occupy and/or secure key objectives, and defeat strong points.

Mortar Carrier: The Mortar Carrier (MC) supports infantry units with screening obscurants, suppressive forces and on-call supporting fires. 120mm, 81mm, and 60mm mortars provide complementary capabilities with responsive, accurate and lethal indirect fire support to the dismounted infantry assault.

Commander's Vehicle: The Commander's Vehicle (CV) provides the brigade commanders and infantry battalion commanders with the means to receive information and data, analyze, prepare and transmit data, and control the forces/functions carrying out combat missions.

Fire Support Vehicle: The Fire Support Vehicle (FSV) provides automated enhanced surveillance, target acquisition, target identification, target tracking, target designation, position location, and communications functionality. Targets will be transmitted instantly to the fire support system and shooter.

Engineer Squad Vehicle: The Engineer Squad Vehicle (ESV) provides maneuver/mobility support capabilities which include obstacle clearing, in-stride breaching of surface mines, proofing of subsurface mines, and smoke generation for local protection.

Medical Evacuation Vehicle: The Medical Evacuation Vehicle (MEV) is the Battalion Aid Station for brigade units, providing treatment for serious injury and advanced trauma cases.

Antitank Guided Missile Vehicle: The Antitank Guided Missile Vehicle (ATGM) is the brigade's primary tank killing system. The ATGM reinforces the brigade's infantry battalion, reinforces the brigade reconnaissance squadron, and provides long-range direct fire.

NBC Reconnaissance Vehicle: The Nuclear, Biological, Chemical Reconnaissance Vehicle (NBCRV) provides on the move and remote near-real-time nuclear, biological and chemical detection and surveillance to supply battlefield visualization of NBC hazards.

LI G85100 - Stryker Vehicle
Army

UNCLASSIFIED
Page 1 of 9
P-1 Line #1

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army		Date: February 2012
The state of the s	P-1 Line Item Nomenclature: G85100 - Stryker Vehicle	

Program Elements for Code B Items:

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	292	54	26	-	26
	Total Obligation Authority	1,386.014	327.723	128.574	-	128.574
Army National Guard	Quantity	-	18	24	-	24
	Total Obligation Authority	-	109.241	118.683	-	118.683
Army Reserve	Quantity	-	28	8	-	8
	Total Obligation Authority	_	169 930	39 561	_	39 561

Item Sche	dule		P	Prior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	′ 2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
G85100 - Stryker Vehicle	P5, P5A, P21	Α	-	-	-	4,746.623	292	1,386.014	6,068.940	100	606.894	4,945.138	58	286.818	-	-	-	4,945.138	58	286.818
Total Gross/Weapon System Cost					10,748.176			1,386.014			606.894			286.818			-			286.818

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P48 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P40.

Justification:

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

FY2013 Base procurement dollars in the amount of \$286.818 million support the purchase of 58 NBCRV's to include the required Government Furnished Equipment (GFE), Basic Issue Items (BII), Associated Support Items of Equipment (ASIOE), Components of End Item (COEI), Additional Authorized List (AAL), to support these vehicles. Funding also provides for Program Management Support Costs both government and contractor, Logistics Engineering Support, System Technical Support, Depot Level Repair Instructions & Equipment, System Fielding Support and Training Devices. The NBCRV provides on the move and remote near-real-time nuclear, biological and chemical detection and surveillance to supply battlefield visualization of NBC hazards.

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

UNCLASSIFIED
Page 2 of 9

Other Related Program Elements:

Exhibit P-5, Cost	: An	alysis:	PB 2013	Army										1	Date: Fe	bruary 2	012		
Appropriation / E 2033A / BA 1 / BS			vity / Bu	idget Si	ub Activ	ity:	MDAF 299	Code:		-1 Line l 85100 -		menclatu Vehicle	ıre:	1	Vame, D		•	n Numbe	r, Item
		Resou	ırce Sun	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 201	з осо	FY 2013	3 Total
Procurement Quantity	(Ead	ch)							-		292		100		58		-		58
Gross/Weapon Syster	n Co	st (\$ in Mi	llions)						-	1,3	886.014	(606.894		286.818		-		286.818
Less PY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		-
Net Procurement (P1)	(\$ ir	Millions)							-	1,3	886.014	(606.894		286.818		-		286.818
Plus CY Advance Prod	cure	ment (\$ in	Millions)						-		-		-		-		-		-
Total Obligation Autho	rity (\$ in Million	ns)						-	1,3	386.014	(606.894		286.818		-		286.818
			(Th	e following	Resource St	ımmary row	s are for in	formational p	ourposes on	ly. The corre	sponding t	oudget reques	sts are doc	umented else	ewhere.)		"		
Initial Spares (\$ in Mill	ions))							-		-		-		-		-		-
Gross/Weapon Syster	n Un	it Cost (\$	in Thousan	ds)					-	4,7	746.623	6,0	068.940	4	,945.138		-		1,945.138
		F	Prior Years	;		FY 2011			FY 2012	_	F	Y 2013 Bas	se	F	Y 2013 O	co	F'	Y 2013 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost						,				,		'							
Recurring Cost	<u> </u>																	1	
† Infantry Carrier Vehicle (ICV)		-	-	-	2,108.000	171	360.464	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
Reconnaissance Vehicle (RV)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
† Anti-Tank Guided Missile Vehicle (ATGM)		-	-	-	4,100.000	9	36.901	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
† Mortar Carrier (MC)		-	-	-	2,383.000	37	88.157	+	-	0.000	-	-	0.000		-	-	-	-	0.00
† Fire Support Vehicle (FSV)		-	-	-	1,984.000	21	41.674	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
† Engineer Squad Vehicle (ESV)		-	-	-	3,162.000	8	25.296	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
† Commander's Vehicle (CV)		-	-	-	2,202.000	33	72.673	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
† Medical Evacuation Vehicle (MEV)		-	-	-	2,128.000	13	27.666	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
† NBC Reconnaissance Vehicle (NBCRV)		-	-	-	-	-	0.000	3,036.000	100	303.587	2,929.000	58	169.890	-	-	0.000	2,929.000	58	169.89
NBC RV Sensor Suite		-	-	-	-	-	0.000	-	-	45.558	-	-	0.000	-	-	-	-	-	0.00
Mobile Gun System (MGS)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
Surv Enhancement (SRAT/DEK/SLAT/ CBS/HPK)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00

LI G85100 - Stryker Vehicle Army UNCLASSIFIED
Page 3 of 9

Exhibit P-5, Cost Analysis: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 10

MDAP Code:
299

P-1 Line Item Nomenclature:
G85100 - Stryker Vehicle

Item Nomenclature (Item Number, Item Name, DODIC):
G85100 - Stryker Vehicle

															- 85100	Stryker	vernole		
		F	rior Years	5		FY 2011			FY 2012		F	/ 2013 Bas	se	F`	/ 2013 OC	0	F`	Y 2013 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Tota Cos (\$ M
GFE (ASIOE/COEI/ AAL)		-	-	-	-	-	109.529	-	-	46.359	-	-	28.308	-	-	0.000	-	-	28
Engineering Change Orders (ECO)		-	-	-	-	-	0.000	-	-	11.411	-	-	6.564	-	-	0.000	-	-	(
Basic Issue Items (BII)		-	-	-	-	-	0.000	-	-	11.044	-	-	6.875	-	-	0.000	-	-	
Government Test		-	-	-	-	-	17.296	-	-	12.514	-	-	0.000	-	-	-	-	-	
Contractor Support to Test		-	-	-	-	-	17.095	-	-	34.044	-	-	0.000	-	-	-	-	-	
Refurbishment of Test Vehicles		-	-	-	-	-	0.166	-	-	0.000	-	-	0.000	-	-	-	-	-	
Program Management Support (Govt)		-	-	-	-	-	48.122	-	-	22.837	-	-	23.317	-	-	0.000	-	-	2
Program Management Support (Contractor)		-	-	-	-	-	16.239	-	-	16.897	-	-	9.169	-	-	0.000	-	-	
Logistics Engineer Support (Contractor)		-	-	-	-	-	15.680	-	-	14.900	-	-	14.125	-	-	0.000	-	-	
Depot Level Repair Instruction/Equipment		-	-	-	-	-	16.418	-	-	24.877	-	-	0.000	-	-	-	-	-	
System Fielding Support		-	-	-	-	-	22.319	-	-	25.182	-	-	8.122	-	-	0.000	-	-	
Vehicle Retrofit/OIF Fixes		-	-	-	-	-	389.594	-	-	0.000	-	-	0.000	-	-	-	-	-	
Post Production Mods (unscheduled mods)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	
Initial Spares/ Authoriz'd Stock List ASL		-	-	-	-	-	46.120	-	-	0.000	-	-	0.000	-	-	-	-	-	
Support Equipment (STTE)		-	-	-	-	-	0.000	-	-	0.389	-	-	0.127	-	-	0.000	-	-	
Training Devices		-	-	-	-	-	3.081	-	-	2.853	-	-	0.605	-	-	0.000	-	-	
System Technical Support (STS)		-	-	-	-	-	29.831	-	-	27.793	-	-	16.122	-	-	0.000	-	-	
Software Support		-	-	-	-	-	1.500	-	-	6.649	-	-	3.594	-	-	0.000	-	-	
Integrated Data Environment		-	-	-	-	-	0.193	-	-	0.000	-	-	0.000	-	-	-	-	-	
Total Recurring Cost				0.000			1,386.014			606.894			286.818			0.000			2
tal Flyaway Cost				0.000			1,386.014			606.894			286.818			0.000			2
oss Weapon System st				_			1,386.014			606.894			286.818			_			28

LI G85100 - Stryker Vehicle Army

UNCLASSIFIED
Page 4 of 9

Exhibit P-5, Cost Analysis: PB 2013 Army			Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 10	MDAP Code: 299	P-1 Line Item Nomenclature: G85100 - Stryker Vehicle	Item Nomenclature (Item Number, Item Name, DODIC): G85100 - Stryker Vehicle
Remarks:			

Sac	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
000	ondary Distribution	112011	1 1 2012	Dase	000	Total
Army Active	Quantity	292	54	26	-	26
	Total Obligation Authority	1,386.014	327.723	128.574	-	128.574
Army National Guard	Quantity	-	18	24	-	24
	Total Obligation Authority	-	109.241	118.683	-	118.683
Army Reserve	Quantity	-	28	8	-	8
	Total Obligation Authority	-	169.930	39.561	-	39.561

5

Date: February 2012 Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Army Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Item Nomenclature: 2033A / BA 1 / BSA 10 G85100 - Stryker Vehicle G85100 - Stryker Vehicle

Cost Elements	0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
(† indicates the presence of a P-21) †Infantry Carrier Vehicle (ICV)		гі	GM GDLS Defense Group	and Type	01 FCO	Awaru Date	Delivery	(Each)	(\$ K)	NOW:	Avaii	Date
†iniantry Carrier Venicle (ICV)		2011	L.L.C. / Shelby Township	SS / FFP	TACOM	Oct 2011	Mar 2012	171	2,108.000	N		
†Anti-Tank Guided Missile Vehicle (ATGM)		2011	GM GDLS Defense Group L.L.C. / Shelby Township	SS/FFP	TACOM	Oct 2011	May 2013	9	4,100.000	N		
†Mortar Carrier (MC)		2011	GM GDLS Defense Group L.L.C. / Shelby Township	SS/FFP	TACOM	Oct 2011	Aug 2012	37	2,383.000	N		
†Fire Support Vehicle (FSV)		2011	GM GDLS Defense Group L.L.C. / Shelby Township	SS/FFP	TACOM	Oct 2011	Jul 2012	21	1,984.000	N		
†Engineer Squad Vehicle (ESV)		2011	GM GDLS Defense Group L.L.C. / Shelby Township	SS/FFP	TACOM	Oct 2011	Aug 2012	8	3,162.000	N		
†Commander's Vehicle (CV)		2011	GM GDLS Defense Group L.L.C. / Shelby Township	SS/FFP	TACOM	Oct 2011	Jul 2012	33	2,202.000	N		
†Medical Evacuation Vehicle (MEV)		2011	GM GDLS Defense Group L.L.C. / Shelby Township	SS/FFP	TACOM	Oct 2011	Jun 2012	13	2,128.000	N		
†NBC Reconnaissance Vehicle (NBCRV)		2012	GM GDLS Defense Group L.L.C. / Shelby Township	SS/FFP	TACOM	Dec 2011	Apr 2013	100	3,036.000	N		
†NBC Reconnaissance Vehicle (NBCRV)		2013	GM GDLS Defense Group L.L.C. / Shelby Township	SS/FFP	TACOM	Jan 2013	Apr 2014	58	2,929.000	N		

Remarks:

Stryker vehicle contract has range pricing that is predicated on the total buy quantity as well as by specific variant.

Note: For the FY11 Funded vehicles only, the contractor was able to significantly reduce the manufacturing/delivery leadtime through early order of long leadtime materials at their own risk.

P-1 Line #1

LI G85100 - Stryker Vehicle

					2012																										
					Activ	ty / B	Budge	t Sul	b Acti	ivity:		1	-		-		ure:								-			nicle			
											F	Fiscal Y	ear 201	2									F	iscal Y	ear 201	3					
					Ī									Ca	endar `	Year 20	12								Calen	dar Yea	r 2013				
С	MFR Ref#	FY	SERVICE [‡]	PROC QTY	PRIOR TO 1		0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	n 1	A U G	S E P	O C T	A 0 N	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J J	A U G	S E P	E
Infa	antry C	arrier V	ehicle (ICV)					•										•										·		
	1	2011	ARMY	171	0	171	A -	-	-	-	-	8	25	32	29	22	12	22	17	4											
٩nt	ti-Tank	Guided	Missile Ve	hicle (A	TGM)																										
_	2	2011	ARMY	9	0	9	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5				
Лο	rtar Ca	rrier (M	C)																												
	3	2011	ARMY	37	0	37	A -	-	-	-	-	-	-	-	-	-	6	4	9	9	9										
ire	Supp	ort Veh	icle (FSV)																												
	4	2011	ARMY	21	0	21	A -	-	-	-	-	-	-	-	-	4	3	-	-	5	9										
Ξη	gineer		Vehicle (ES	SV)																											
	5	2011	ARMY	8	0	8	A -	-	-	-	-	-	-	-	-	-	5	-	-	2	1										
Coi	mmand	ler's Ve	hicle (CV)																												
1	6	2011	ARMY	33	0	33	A -	-	-	-	-	-	-	-	-	6	6	6	6	3	6										
Ие	dical E	vacuati	on Vehicle	(MEV)																											
	7	2011	ARMY	13	0	13	A -	-	-	-	-	-	-	-	3	-	-	-	-	7	3										
ΝB	C Reco	onnaiss	ance Vehic	le (NBC	CRV)																										
-	8	2012	ARMY	100	0	100	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	6	10	10	10	
	8	2013	ARMY (1)	58	0	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

LI G85100 - Stryker Vehicle Army

ppropria	21, Budge	t Pro																											
			aucti	on S	chedu	սle։ F	PB 20	13 Ar	my													Date	: Feb	ruary	2012				
	ation / Bud A 1 / BSA ⁻		Activi	ty / B	udge	t Sub	Acti	vity:					lome er Vel		ure:								Nom 100 -						
	Cost Eleme									ional V	ear 201	4										ioool V	ear 201	<u> </u>					
	(Units in Ea	cn)		BAL						iscai i	ear 201		lendar `	/oor 20	11				_			iscai i		dar Yea	- 201E				\vdash
			ACCEP										lenuar	ieai 20	14								Calent	uai iea	1 2013				\vdash
MFR Ref# F)	Y SERVICE [‡]		PRIOR TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
	er Vehicle (ICV)																												
	11 ARMY	171	171	0																									
nti-Tank Guid	ded Missile Vel	nicle (A	TGM)																										
2 201	11 ARMY	9	9	0																									
ortar Carrier																													
3 201	11 ARMY	37	37	0																									
	/ehicle (FSV)																												
	11 ARMY	21	21	0																									
ngineer Squa	ad Vehicle (ES	V)																											
5 201	11 ARMY	8	8	0																									
ommander's	Vehicle (CV)																												
6 201	11 ARMY	33	33	0																									
ledical Evacu	uation Vehicle (MEV)																											
7 201	11 ARMY	13	13	0																									
IBC Reconna	aissance Vehicl	e (NBC	RV)																										
8 201	12 ARMY	100	40	60	10	10	10	10	10	10																			
8 201	13 ARMY (1)	58	0	58	-	-	-	-	-	-	10	10	10	10	10	8													
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	U U	A U G	S E P	

LI G85100 - Stryker Vehicle Army UNCLASSIFIED Page 8 of 9

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
		Item Nomenclature: G85100 - Stryker Vehicle

		PRODU	CTION RATES (Un	its/Year)			P	ROCUREMENT L	EADTIME (Months	s)		
MFR						Ini	tial			Reo	rder	
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	GM GDLS Defense Group L.L.C Shelby Township	240	480	720	8	9	11	20	0	3	2	5
2	GM GDLS Defense Group L.L.C Shelby Township	240	480	720	8	9	11	20	0	3	2	5
3	GM GDLS Defense Group L.L.C Shelby Township	240	480	720	8	9	11	20	0	3	2	5
4	GM GDLS Defense Group L.L.C Shelby Township	240	480	720	8	9	11	20	0	3	2	5
5	GM GDLS Defense Group L.L.C Shelby Township	240	480	720	8	9	11	20	0	3	2	5
6	GM GDLS Defense Group L.L.C Shelby Township	240	480	720	8	9	11	20	0	3	2	5
7	GM GDLS Defense Group L.L.C Shelby Township	240	480	720	8	9	11	20	0	3	2	5
8	GM GDLS Defense Group L.L.C Shelby Township	240	480	720	0	0	0	0	0	4	15	19

Remarks:

Lead times for the Stryker Production 8 variants is 11-13 Months. Lead time for the NBCRV is 15 Months and lead time for the MGS is 21 Months. For the FY11 Funded vehicles only, the contractor was able to reduce the manufacturing/ delivery leadtime through early order of long leadtime materials at their own risk. Production rates dip below the Minimum 20 per month because the Joint Project Manager (JPM) responsible for providing the NBCRV Sensor Suites to the Contractor as Government Furnished Material (GFM) can only support production of 10 NBCRV's per month.

UNCLASSIFIED

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

⁽¹⁾BASE

				UNCLA	99ILIED							
Exhibit P-40, Budget Item Justification S	Sheet: PB	2013 Arm	/						Date: Feb	ruary 2012	2	
Appropriation / Budget Activity / Budget 2033A : Procurement of W&TCV, Army / B 10 : Tracked Combat Vehicles			at Vehicles	/ BSA		Item Nome FCS SPIN						
ID Code (A=Service Ready, B=Not Service Ready) :		Prograi	m Elements f	or Code B It	ems:		Oth	er Related P	rogram Elem	nents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	_	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	2.740	-	-	-	-	-	-	-	-	-	0.000	2.740
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2.740	-	-	-	-	-	-	-	-	-	0.000	2.740
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	2.740	-	-	-	-	-	-	-	-	-	0.000	2.740
(The follow	ving Resource	Summary rows	are for informa	ational purpose	s only. The corre	esponding budg	et requests are	documented e	lsewhere.)	*	*	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Justification: FY13 has no funding.												
LI G86200 - FCS SPIN OUTS				UNCLA	SSIFIED					r		

LI G86200 - FCS SPIN OUTS Army

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GM0100 - Stryker (Mod)

20 : Modification Of Tracked Combat Vehicles

	Progran	n Elements f	or Code B Ite	ems: 0603653	3A	Oth	er Related P	rogram Elem	ents:		
Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
-	-	-	-	-	-	-	-	-	-	-	-
-	84.573	51.497	60.881	-	60.881	61.482	71.575	76.718	77.422	466.066	950.214
-	-	-	-	-	-	-	-	-	-	-	-
-	84.573	51.497	60.881	-	60.881	61.482	71.575	76.718	77.422	466.066	950.214
-	-	-	-	-	-	-	-	-	-	-	-
-	84.573	51.497	60.881	-	60.881	61.482	71.575	76.718	77.422	466.066	950.214
	_	Prior Years FY 2011 84.573 84.573 84.573	Prior Years FY 2011 FY 2012	Prior Years FY 2011 FY 2012 FY 2013 Base - - - - - 84.573 51.497 60.881 - - - - - 84.573 51.497 60.881 - - - - - - - -	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO - - - - - - 84.573 51.497 60.881 - - - - - - - 84.573 51.497 60.881 - - - - - -	Years FY 2011 FY 2012 Base OCO Total - - - - - - 84.573 51.497 60.881 - 60.881 - - - - - - - 84.573 51.497 60.881 - 60.881 - - - - - -	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2014 Total Total FY 2014 - - - - - - - - 84.573 51.497 60.881 - 60.881 61.482 - - - - - - - - 84.573 51.497 60.881 - 60.881 61.482 - - - - - - -	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2014 Total Total FY 2014 FY 2015 -	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2013 Total FY 2014 FY 2015 FY 2016 -	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2014 Total FY 2014 FY 2015 FY 2016 FY 2017 -<	Prior Years FY 2011 FY 2012 Base OCO Total FY 2014 FY 2015 FY 2016 FY 2017 Complete -

(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	lsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Modifications to the Stryker Family of Vehicles (FOV) are required to resolve various Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) obsolescence issues, safety and operational related issues such as Targeting Under Armor, and system specific training devices to support the requirement for a new 91S Stryker Vehicle Maintainer Training Course.

Item Sche	dule		F	Prior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	ase	FY	′ 2013 O	CO	FY	2013 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
STRYKER MODIFICATION - 0	P3A		-	-	-	-	-	84.573	-	-	51.497	-	-	60.881	-	-	-	-	-	60.881
Total Gross/Weapon System Cost					-			84.573			51.497			60.881			-			60.881
	•			FY 2014			FY 2015	i		FY 2016	i		FY 2017	,	To	Comple	ete	,	Total	
Item Nomenclature*	Exhibits	ID	Unit Cost	Qty (Each)	Total Cost															
STRYKER MODIFICATION	P3A		-	-	61.482	-	-	71.575	-	-	76.718	-	-	77.422	-	-	466.066	-	-	950.214
- 0																				

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

Justification:

LI GM0100 - Stryker (Mod)

Army

Page 1 of 17

P-1 Line #3

11

Activity / Budget Sub Activity : Date: February 2012 ppropriation / Budget Activity / Budget Sub Activity: Date: February 2012 ppropriation / Budget Activity / Budget Sub Activity: Date: February 2012 P-1 Line Item Nomenclature: GM0100 - Stryker (Mod) Code (AnService Ready, B-Net Service Ready): A Program Elements for Code B Items: 0603653A Other Related Program Elements: FY13 Base procurement dollars in the amount of \$60.881 million supports the purchase of hardware and installation of C4ISR items to remedy obsolescence issues, such as: Video Display Electronic Terminals (VDET) and various C4I Next Generation Items like Blue Force Tracker (BFT2) and KGV-72. Joint Tactical Rado Systems (JTRS), Joint Battle Command-Platform (JBC), One System Remote Video Terminal to (SRVT), Jackale, Rhims 03. Mounted Family of Computer Systems (M-FoCS) and Force XXI Battle Command Brigade-and-Bellow Handheld (FBCB2). This funding also supports the purchase and installation of hardware to support the requirement for a new 915 Stryker Vehicle Maintainer Training Course. In accordance with Section 1815 of the FY2008 National Defense Authorization Act (P.L 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.						
yr Polated Program Flaments:						
r Balated Brogram Flaments:						
ar Kerateu Program Elements:						
nt Battle Command-Platform (JBC), One System Remote Video dheld (FBCB2). This funding also supports the purchase and						
d reserve components of the Armed Forces for homeland						

LI GM0100 - Stryker (Mod)

Army

UNCLASSIFIED

Page 2 of 17

P-1 Line #3

Models of Systems Affected: \/ADIOLIS	Modification: 0	Polatod PDT	&E DEc.
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20	P-1 Line Item Nomenclature: GM0100 - Stryker (Mod)		Modification Nomenclature (Modification Title, Modification Number): STRYKER MODIFICATION - 0
Exhibit P-3A, Individual Modification: PB 2013 Army			Date: February 2012

IMOGEIS OF Systems Affected: VARIOUS		Type I	viodificatio	on: U			Re	iated RDT	&E PES:			
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	84.573	51.497	60.881	-	60.881	61.482	71.575	76.718	77.422	466.066	950.214
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	84.573	51.497	60.881	-	60.881	61.482	71.575	76.718	77.422	466.066	950.214
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	84.573	51.497	60.881	-	60.881	61.482	71.575	76.718	77.422	466.066	950.214
(The follow	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Modifications to the Stryker Family of Vehicles (FOV) are required to resolve various C4ISR obsolescence issues to include replacing Video Display Terminals in embedded training modules with Video Display Electronic Terminals (VDET) and procuring various C4I Next Generation items such as Blue Force Tracker (BFT2) and KGV-72, Joint Tactical Radio Systems (JTRS), Joint Battle Command-Platform (JBC), One System Remote Video Terminal (OSRVT), Jackal, Rhino 3.0, Mounted Family of Computer Systems (M-FoCS) and Force XXI Battle Command, Brigade-and-Below Handheld (FBCB2). Modification efforts are also required to incorporate changes to address safety and/or operational issues (such as Targeting Under Armor) and procure and install system specific training devices to support the requirement for a new 91S Stryker Vehicle Maintainer Training Course.

LI GM0100 - Stryker (Mod) UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Modification Nomenclature

2033A / BA 1 / BSA 20 (Modification Title, Modification Number):

		o ouyno	(11100)					STRY	KER MOI	DIFICATI	ON - 0	u
Models of Systems Affected: VARIOUS	Type Modifica	ation: 0				Re	lated RD	T&E PEs	s :			
	Prior	Years	FY 2	011	FY 2	012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost						
Procurement					,							
Video Display Electronic Terminal (VDET) (1)												
A Kits												
Recurring												
Program Management Support	0	0.000	0	0.654	0	0.665	0	0.676	0	0.000	0	0.67
Hardware	0	0.000	700	19.059	350	9.732	350	9.897	0	0.000	350	9.89
Subtotal Recurring		0.000		19.713		10.397		10.573		0.000		10.57
NonRecurring				'							,	
Non-Recurring	0	0.000	0	0.190	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal NonRecurring		0.000		0.190		0.000		0.000		0.000		0.00
Total, Video Display Electronic Terminal (VDET)	0	0.000	700	19.903	350	10.397	350	10.573	0	0.000	350	10.57
C4I Obsolescence and Next Generation Items ⁽²⁾						•				'	,	
A Kits												
Recurring												
Program Management Support	0	0.000	0	0.654	0	1.993	0	4.055	0	0.000	0	4.05
Hardware	0	0.000	1,056	7.902	122	1.495	662	6.640	0	0.000	662	6.64
Test Support	0	0.000	0	0.000	0	4.676	0	4.180	0	0.000	0	4.18
Subtotal Recurring		0.000		8.556		8.164		14.875		0.000		14.87
NonRecurring										'	'	
Nonrecurring - Dev. Eng, Prototypes	0	0.000	0	0.000	0	1.262	0	5.700	0	0.000	0	5.70
Subtotal NonRecurring		0.000		0.000		1.262		5.700		0.000		5.70
Total, C4I Obsolescence and Next Generation Items	0	0.000	1,056	8.556	122	9.426	662	20.575	0	0.000	662	20.57
Mobile Gun System (MGS) Deficiencies (3)		'		'		'				'	'	
A Kits												
Recurring												
Hardware	0	0.000	84	3.932	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		0.000		3.932		0.000		0.000		0.000		0.00
Total, Mobile Gun System (MGS) Deficiencies	0	0.000	84	3.932	0	0.000	0	0.000	0	0.000	0	0.00

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
Page 4 of 17

Exhibit P-3A, Individual Modification: PB 2013 Ar Appropriation / Budget Activity / Budget Sub Act 2033A / BA 1 / BSA 20		I	e Item No 0 - Stryke		ture:				Modifie (Modifie	cation Ti	2012 I omencla Itle, Modifi DIFICATIO	ication N	lumber):
Models of Systems Affected: VARIOUS	Туре	Modifica	tion: 0				Re	ated RD	T&E PEs	:			
		Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
Targeting Under Armor ⁽⁴⁾			,		,						,		,
A Kits													-
Recurring													
Program Management		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Hardware		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring			0.000		0.000		0.000		0.000		0.000		0.00
Total, Targeting Under Armor		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Block Mod Retrofit ⁽⁵⁾									•	,	,		,
A Kits													
Recurring													
Hardware		0	0.000	664	50.283	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring			0.000		50.283		0.000		0.000		0.000		0.00
Total, Block Mod Retrofit		0	0.000	664	50.283	0	0.000	0	0.000	0	0.000	0	0.00
Training Aids, Devices, Simulators and Simulations ⁽⁶⁾			'		,		'		,	'	'		
A Kits													
Recurring													-
Hardware		0	0.000	0	0.000	22	23.236	22	25.313	0	0.000	22	25.31
Life Cycle Management Plan		0	0.000	0	0.000	0	7.866	0	3.280	0	0.000	0	3.28
Subtotal Recurring			0.000		0.000		31.102		28.593		0.000		28.59
Total, Training Aids, Devices, Simulators and Simulations		0	0.000	0	0.000	22	31.102	22	28.593	0	0.000	22	28.59
Total, All Modifications			0.000		82.674		50.925		59.741		0.000		59.74
Procurement Cost (Procurement + Support)			0.000		82.674		50.925		59.741		0.000		59.74
Total Installation Cost			0.000		1.899		0.572		1.140		0.000		1.14
Total Cost (Procurement + Support + Installation)			0.000		84.573		51.497		60.881		0.000		60.88
		FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Cor	nplete	То	tal
Financial Plan		Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost
Procurement		(=301)	(* .*/	(====///	(\$.11)	(====)	(4.41)	(===//)	(4)	(===//)	(4.31)	(====)	(\$1817)

LI GM0100 - Stryker (Mod) Army

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Modification Nomenclature

2033A / BA 1 / BSA 20 GM0100 - Stryker (Mod) (Modification Title, Modification Number): STRYKER MODIFICATION - 0

Deleted BRIDE BETT

lodels of Systems Affected: VARIOUS	Type Modifica	pe Modification: 0 Related RDT&E PEs:											
	FY 2	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cos							
Video Display Electronic Terminal (VDET) ⁽¹⁾													
A Kits													
Recurring													
Program Management Support	0	0.687	0	0.699	0	0.711	0	0.723	0	3.017	0	7.83	
Hardware	350	10.066	350	10.237	350	10.411	350	10.588	2,308	72.672	5,108	152.66	
Subtotal Recurring		10.753		10.936		11.122		11.311		75.689		160.49	
NonRecurring						,			,		,		
Non-Recurring	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.19	
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		0.19	
Total, Video Display Electronic Terminal (VDET)	350	10.753	350	10.936	350	11.122	350	11.311	2,308	75.689	5,108	160.68	
C4I Obsolescence and Next Generation Items (2)													
A Kits													
Recurring													
Program Management Support	0	3.438	0	2.796	0	3.554	0	3.615	0	6.617	0	26.72	
Hardware	886	1.524	281	17.652	327	22.502	662	32.862	4,333	162.622	8,329	253.19	
Test Support	0	1.002	0	0.000	0	0.000	0	0.000	0	0.000	0	9.85	
Subtotal Recurring		5.964		20.448		26.056		36.477		169.239		289.77	
NonRecurring											,		
Nonrecurring - Dev. Eng, Prototypes	0	10.427	0	0.000	0	0.000	0	0.000	0	0.000	0	17.38	
Subtotal NonRecurring		10.427		0.000		0.000		0.000		0.000		17.38	
Total, C4I Obsolescence and Next Generation Items	886	16.391	281	20.448	327	26.056	662	36.477	4,333	169.239	8,329	307.16	
Mobile Gun System (MGS) Deficiencies (3)													
A Kits													
Recurring								1					
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	84	3.93	
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		3.93	
Total, Mobile Gun System (MGS) Deficiencies	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	84	3.93	
Targeting Under Armor ⁽⁴⁾		'		'				<u>'</u>	'				

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
Page 6 of 17

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:

GM0100 - Stryker (Mod)

Modification Nomenclature

(Modification Title, Modification Number):

STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS	Type Modifica	Type Modification: 0 Related RDT&E PEs:												
	FY 2014		FY 2015		FY 2	2016	FY 2017		To Complete		То	tal		
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
A Kits														
Recurring														
Program Management	0	0.687	0	0.699	0	0.711	0	0.723	0	0.000	0	2.820		
Hardware	39	22.450	51	29.728	51	31.176	33	21.882	0	0.000	174	105.236		
Subtotal Recurring		23.137		30.427		31.887		22.605		0.000		108.056		
Total, Targeting Under Armor	39	23.137	51	30.427	51	31.887	33	22.605	0	0.000	174	108.056		
Block Mod Retrofit ⁽⁵⁾														
A Kits														
Recurring														
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	664	50.283		
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		50.283		
Total, Block Mod Retrofit	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	664	50.283		
Training Aids, Devices, Simulators and Simulations (6)														
A Kits		-												
Recurring														
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	44	48.549		
Life Cycle Management Plan	0	10.206	0	8.999	0	6.481	0	5.361	0	207.753	0	249.946		
Subtotal Recurring		10.206		8.999		6.481		5.361		207.753		298.495		
Total, Training Aids, Devices, Simulators and Simulations	0	10.206	0	8.999	0	6.481	0	5.361	0	207.753	44	298.495		
Total, All Modifications		60.487		70.810		75.546		75.754		452.681		928.618		
Procurement Cost (Procurement + Support)		60.487		70.810		75.546		75.754		452.681		928.618		
Total Installation Cost		0.995		0.765		1.172		1.668		13.385		21.596		
Total Cost (Procurement + Support + Installation)		61.482		71.575		76.718		77.422		466.066		950.214		

Remarks:

LI GM0100 - Stryker (Mod)

Army

UNCLASSIFIED

Page 7 of 17

P-1 Line #3

⁽¹⁾ The Video Display Electronic Terminal (VDET) replaces the obsolete Video Display Terminal (VDT) in the embedded training module. The VDET device combines three (3) obsolete contractor furnished Line Replaceable Units (LRU), reducing Size, Weight and Power (SWAP) for this critical Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) system by 40%. This upgrade includes a Vehicle Smart Display that supports new computing needs as well as existing Command and Control (C2) and Situational Awareness requirements. This upgrade also includes Core 2 Duo Intel Processors, 2 GB of RAM (upgradeable to 4 GB), and a removable solid state hard drive and 4 RS170 input/output ports, capable of providing video switching from four (4) devices or video streaming from two (2) devices. Program Management Support includes Systems Technical Support, Logistics Engineering Support and Government Test/Contractor Test Support costs.

Exhibit P-3A, Individual Modification: PB 2013 Ar	my	Date: February 2012
Appropriation / Budget Activity / Budget Sub Act 2033A / BA 1 / BSA 20	tivity: P-1 Line Item Nomenclature: GM0100 - Stryker (Mod)	Modification Nomenclature (Modification Title, Modification Number): STRYKER MODIFICATION - 0
Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:

(2) Modifications are needed to support obsolescence issues with Command, Control, Communications, Computer, and Intelligence (C4I) components of the Stryker Vehicles. These modifications efforts include the purchase of hardware and installation costs for C4I Next Generation programs such as Blue Force Tracker (BFT2) and KGV-72, Joint Tactical Radio Systems (JTRS), Joint Battle Command-Platform (JBC), One System Remote Video Terminal (OSRVT), Jackal, Rhino 3.0, Mounted Family of Computer Systems (M-FoCS) and Force XXI Battle Command, Brigade-and-Below Handheld (FBCB2). Program Management Support includes System Technical Support, Logistics Engineering Support and Government Test/Contractor Test Support costs.

⁽⁶⁾ Training Aids, Devices, Simulators, and Simulations (TADSS) - The United States Army Combined Arms Support Command (CASCOM) validated the requirement for the 91S Stryker Vehicle Maintainer Training Course. The following hardware/training devices are required: Diagnostic Troubleshooting Trainers (DTTs), Anti-Tank Guided Missile Vehicle Part Task Trainers (PTTs), Full-Up Power Pack Part Task Trainers (FUPP PTTs), Mortar Carrier Part Task Trainers (MC PTTs), Mobile Gun Systems Hands-on Trainers (HOTs) and Remote Weapon Station (RWS) Hands on Trainers.

Manufacturer Informat	ion: Video Display Electron	ic Terminal (VDET)										
Manufacturer Name: GN	/I GDLS Defense Group, L.L.	C		Manufacturer Location: St	Manufacturer Location: Sterling Heights, Michigan							
Administrative Leadtime	(in Months): 1			Production Leadtime (in N	Months): 7							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017					
Delivery Dates	May 2012	May 2013	May 2014	May 2015	May 2016	May 2017	May 2018					
Manufacturer Informat	ion: C4I Obsolescence and	Next Generation Items		<u>.</u>								
Manufacturer Name: GN	/I GDLS Defense Group, L.L.	C.		Manufacturer Location: St	terling Heights, Michigan							
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 7								
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates	Oct 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017					
Delivery Dates	May 2012	May 2013	May 2014	May 2015	May 2016	May 2017	May 2018					
Manufacturer Informat	ion: Mobile Gun System (M	GS) Deficiencies										
Manufacturer Name: GN	/I GDLS Defense Group, L.C.	C.		Manufacturer Location: St	terling Heights, Michigan							
Administrative Leadtime	(in Months): 2			Production Leadtime (in N	Months): 7							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates	Nov 2010											
Delivery Dates	Jun 2011											

LI GM0100 - Stryker (Mod) Army

⁽³⁾ Correction of Mobile Gun System (MGS) near and mid-term deficiencies as required in accordance with the Acquisition Decision Memorandum, Subject: Stryker Mobile Gun System (MGS), dated August 5, 2008. Correction of MGS Deficiencies includes Mission Equipment Package (MEP) Reliability, Heat Abatement, Air Conditioning, Commander's Weapon Station Protection (Lower Mount and Shield), Replenisher Cover, and Hydraulic Circuit Separation.

⁽⁴⁾ The Targeting Under Armor (TUA) modifications provide the capability to use the Long-Range Advanced Scout Surveillance System (LRAS3) and a Remote Weapon Station (RWS) from a protected position within the vehicle and the ability to target on the move. Program Management Support includes Systems Technical Support, Logistics Engineering Support and Government Test/Contractor Test Support costs.

⁽⁵⁾ This effort retrofits Survivability Enhancement Kits on to the Stryker Family of Vehicles (FOV) to increase survivability and protection of the Stryker vehicles and crew when the Stryker Brigades are deployed in support of Operation Enduring Freedom (OEF). Kits include Slat Rocket Propelled Grenade (RPG) Protection, Common Ballistic Shield, CREW A Kits, Blue Force Tracking, Driver's Enhancement Kit, and Mine Protection Kit.

Exhibit P-3A, Indiv	ridual Modification: P	B 2013	Army							Da	ate: Febru	ary 2012				
Appropriation / Bu 2033A / BA 1 / BSA		ne Item N 00 - Stryk		ture:	(<i>N</i>	Modification Nomenclature (Modification Title, Modification Number): STRYKER MODIFICATION - 0										
Models of Systems				Relate	ed RDT&E	PEs:										
Manufacturer Informati	ion: Targeting Under Armo	r	<u>'</u>													
Manufacturer Name: GD	LS Defense Group, L.L.C.					Manı	ufacturer Loca	ation: Sterling	Heights, Mi	chigan						
Administrative Leadtime (in Months): 1								me (in Months	s): 7							
Dates	FY 2011		FY 2012		FY 2013		FY 2014		FY 2015	5	FY 20	16	FY 20	017		
Contract Dates							Oct 2014		Oct 2015	5	Oct 20	16	Oct 2	016		
Delivery Dates							May 2015		May 2010	6	May 20)17	May 2	2017		
Manufacturer Informati	ion: Block Mod Retrofit	'		'		'		'				'				
Manufacturer Name: GM	1 GDLS Defense Group, L.L.	.C.				Manı	ufacturer Loca	ation: Sterling	Heights, Mi	chigan						
Administrative Leadtime (in Months): 2							Production Leadtime (in Months): 6									
Dates	FY 2011	FY 2012			FY 2013		FY 2014		FY 2015	,	FY 20	16	FY 2017			
Contract Dates	Nov 2011															
Delivery Dates	May 2012															
Manufacturer Informati	ion: Training Aids, Devices	s, Simulat	ors and Sim	nulations				I		l .						
Manufacturer Name: Roo	ckwell Collins Simulation & T	Fraining				Manı	ufacturer Loca	ation: Cedar F	Rapids, Iowa	l						
Administrative Leadtime	(in Months): 1					Prod	uction Leadtir	me (in Months	s): 7							
Dates	FY 2011		FY 2012		FY 2013		FY 2014 FY 2015			5	FY 20	16	FY 20	017		
Contract Dates		(Oct 2011		Oct 2012											
Delivery Dates		N	May 2012		May 2013											
						·		,		,						
Installation: Video Displ	lay Electronic Terminal (VDE	ΞT)		thod of Imple tractors at a			n of depot re	set team and	Installa	tion Name:						
			Prior	Years	FY 2	2011	1 FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Installation Cost			Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)		
All Prior Years			0	0.000	700	0.461	0	0.000	0	0.000	0	0.000	0	0.000		
FY 2011			0	0.000	0	0.000	350	0.223	0	0.000	0	0.000	0	0.000		
FY 2012		0	0.000	0	0.000	0	0.000	350	0.227	0	0.000	350	0.227			
FY 2013		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
FY 2014			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000		
Y 2015		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
F1 2015	FY 2016 0															

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
Page 9 of 17

															•	J. 1 C	CLAS	3 011															
Exhibit I	P-3	BA, In	divid	dua	l Modi	ficati	on:	PB 2	2013	3 Arr	ny															Date	: Feb	ruary	2012				
Appropr 2033A /					t Activ	ity / E	Budg	jet S	Sub	Acti	vity:			_			lome er (M	nclat od)	ure:							(Mod	dificat	ion T	l omer itle, M	odific	ation	Num	ber):
Models	of	Syste	ems	Aff	ected:	VAR	IOU	S			1	Гур	e Mod	ificat	ion	: 0							Re	ated	RDT	&E P	Es:						
Installation	n: \	/ideo [Displa	y Ele	ectronic ⁻	Termin	al (VI	DET)					nod of Ir						of dep	oot res	et tea	m and	Inst	allatio	n Nam	ie:							
											Pri	or Y	ears/			FY 2	2011			FY 2	012		FY	2013 I	Base		FY 2	013 O	СО		FY 20	13 Tot	al
Installatio	n C	ost									Qty (Each)		Total Cos		Qty (Eacl		Total (\$ /		Qty (Eac		Total (\$ A		Qty (Each)		Total Cos	st	Qty (Each)		tal Cost (\$ M)		Qty Each)		l Cost
FY 2017												0	0.	000		0		0.000		0		0.000		0	0.	000		0	0.00)	()	0.000
To Comple	ete										-	-		-		-		-		-		-		-		-	-		-		-		-
Total												0	0.0	000		700		0.461		350		0.223		350	0.	227		0	0.00)	350)	0.227
											F`	Y 20	014			FY 2	2015			FY 2	016			Y 201	17		To C	ompl	ete		To	otal	
Installatio	n C	ost									Qty (Each)		Total Cos		Qty (Eacl		Total (\$ /		Qty (Eac		Total		Qty (Each)		Total Cos	st	Qty (Each)		tal Cost		Qty Each)		l Cost
All Prior Ye	ears	 }									(/	0		000		0		0.000	•	0		0.000	(/	0		000	(/	0	0.00	· ·	700	_	0.46
FY 2011												0	0.	000		0		0.000		0		0.000		0	0.	000		0	0.00)	350)	0.223
FY 2012												0	0.	000		0		0.000		0		0.000		0	0.	000		0	0.00)	350)	0.227
FY 2013											3	350	0.:	231		0		0.000		0		0.000		0	0.	000		0	0.00)	350)	0.23
FY 2014												0	0.	000		350		0.235		0		0.000		0	0.	000		0	0.00)	350)	0.235
FY 2015												0	0.	000		0		0.000		350		0.239		0	0.	000		0	0.00)	350)	0.239
FY 2016												0	0.	000		0		0.000		0		0.000		350	0.	243		0	0.00)	350)	0.243
FY 2017												0	0.	000		0		0.000		0		0.000		0	0.	000	2,3	08	1.66	3	2,308	1	1.668
To Comple	ete										-	-		-		-		-		-		-		-		-	-		-		-		-
Total											3	350	0.:	231		350		0.235		350		0.239		350	0.	243	2,3	08	1.66	3	5,108	1	3.527
Installatio	n S	chedu	le																														
			FY 2		_		_	201	_			_	FY 2013				FY 2				_	2015				2016	,		FY 2				
AP	Y	1	2	3		1	2	_	3	4	1	+	2 3	4	_	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In -	_	0	0	70			-		350	0		+	0 35		0	0	0	350	0	0	_	_	0	0			0	0		350		2,308	
Out -		0	0		0 700	0	'	0	0	350	0	<u>' </u>	0	0 35	0	0	0	0	350	0	(0	350	0	0	0	350	0	0	350	0	2,308	5,108

LI GM0100 - Stryker (Mod) Army

UNCLASSIFIED Page 10 of 17

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
GM0100 - Stryker (Mod)

Modification Nomenclature
(Modification Title, Modification Number):
STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS Type Modification: 0 Related RDT&E PEs:

Method of Implementation: Combination of depot reset team and contractors at a government facility.

Installation: C4I Obsolescence and Next Generation Items

Installation Name:

cor	itractors at a	government	racility.			instalia	tion Name:				
Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 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)
0	0.000	1,056	0.835	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	122	0.114	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	662	0.657	0	0.000	662	0.657
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
-	-	-	-	-	-	-	-	-	-	-	-
0	0.000	1,056	0.835	122	0.114	662	0.657	0	0.000	662	0.657
	Prior Qty	Qty (Each) Total Cost (\$M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 - -	Prior Years FY 2 Qty (Each) Total Cost (\$ M) Qty (Each) 0 0.000 1,056 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 - - -	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) 0 0.000 1,056 0.835 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 - - - - -	Prior Years FY 2011 FY 2 Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) 0 0.000 1,056 0.835 0 0 0.000 0.000 0.000 122 0 0.000 0.000 0.000 0 0 0.000 0.000 0 0.000 0 0 0.000 0.000 0 0.000 0 0 0 0.000 0 0.000 0 0 0 0 0 0.000 0 0.000 0 0 0 0 0 0.000 0 0.000 0 0.000 0 0 0 0.000 0 0.000 0 0.000 0 0 0 0.000 0 0.000 0 0.000 0 0 0 0 0.000 0 0.000 0 0.000 0 <td< td=""><td>Prior Years FY 2011 FY 2012 Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) 0 0.000 1,056 0.835 0 0.000 0 0.000 0 0.000 122 0.114 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 <td>Prior Years FY 2011 FY 2012 FY 201 Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each)</td><td>Prior Years FY 2011 FY 2012 FY 2013 Base Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Total Cost (\$M)</td><td>Prior Years FY 2011 FY 2012 FY 2013 Base FY 201 Qty (Each) Total Cost (\$M) Qty (Each) Qty</td><td>Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each) Qty (Each)<!--</td--><td> Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2013 Prior Years Prior Years</td></td></td></td<>	Prior Years FY 2011 FY 2012 Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) 0 0.000 1,056 0.835 0 0.000 0 0.000 0 0.000 122 0.114 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 <td>Prior Years FY 2011 FY 2012 FY 201 Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each)</td> <td>Prior Years FY 2011 FY 2012 FY 2013 Base Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Total Cost (\$M)</td> <td>Prior Years FY 2011 FY 2012 FY 2013 Base FY 201 Qty (Each) Total Cost (\$M) Qty (Each) Qty</td> <td>Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each) Qty (Each)<!--</td--><td> Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2013 Prior Years Prior Years</td></td>	Prior Years FY 2011 FY 2012 FY 201 Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each)	Prior Years FY 2011 FY 2012 FY 2013 Base Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Total Cost (\$M)	Prior Years FY 2011 FY 2012 FY 2013 Base FY 201 Qty (Each) Total Cost (\$M) Qty (Each) Qty	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each) Qty (Each) </td <td> Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2013 Prior Years Prior Years</td>	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2013 Prior Years Prior Years

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1,056	0.835
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	122	0.114
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	662	0.657
FY 2013	886	0.715	0	0.000	0	0.000	0	0.000	0	0.000	886	0.715
FY 2014	0	0.000	281	0.465	0	0.000	0	0.000	0	0.000	281	0.465
FY 2015	0	0.000	0	0.000	327	0.867	0	0.000	0	0.000	327	0.867
FY 2016	0	0.000	0	0.000	0	0.000	662	1.382	0	0.000	662	1.382
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	4,333	11.717	4,333	11.717
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	886	0.715	281	0.465	327	0.867	662	1.382	4,333	11.717	8,329	16.752

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
Page 11 of 17

Exh	ibit P	3A, lı	ndivid	ual I	Modif	icatio	n: PE	3 2013	3 Arm	ny													I	Date	e: Feb	ruary	/ 201	2			
			/ Bud g BSA 2		Activit	ty / B	udget	Sub	Activ	vity:					_	nenclat (Mod)	ture:							(Mo	dificat dificati RYKEF	ion T	ïtle, N	1odifi	cation		ber) :
Mod	lels of	Syst	tems A	Affec	cted: \	VARI	ous			Ty	pe N	lodifi	catio	n : 0							Rel	ated	RDT8	EΡ	PEs:						
Insta	llation:	C4I OI	bsolesce	ence a	and Ne	xt Gen	eration	Items				-		tation:			n of dep	oot re	set	team and	Insta	allatio	on Name):							
Insta	llation	Sched																					_								
			FY 20				FY 20				FY 2					Y 2014				FY 2015			FY 20				_	2017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	-	4	1		2 3	4	1	2	3	4	1	2	3	4	TC	Tot
In Out	-	0	0 1	1,056	0 1,056	0	0	122	122	0	0	662 0	0 662	0		0 886			0	0 281	281	0		327	_	0		+	_	4,333 4,333	_
Out	_	U	U	U	1,030	U	0	0	122	O	U	U	002	U		0 0	000		0	0 0	201	- 0	0		321			'	002	4,333	0,329
Insta	llation:	Mobile	e Gun S	ystem	(MGS)) Defici	iencies					-		tation:			n of dep	oot re	set	team and	Insta	allatio	on Name):							
										Prio	r Years	3		FY 2	2011			FY 2	201	12	FY 2	2013	Base		FY 2	013 C	СО		FY 20	13 Tot	al
Insta	llation	Cost								Qty (Each)		I Cost		Qty ach)		tal Cost (\$ M)	Qty (Eac		1	Total Cost	Qty (Each)		Total Cost		Qty (Each)	To	otal Cos		Qty (Each)		I Cost
All Pr	ior Yea	s								· /	0	0.000	<u> </u>	0	+	0.000	(200	0		0.000	(200.1)	0	0.00	00	(200.1)	0	0.0	_	` ′	0	0.000
FY 20)11									(0	0.000	1	84		0.095		0		0.000		0	0.00	00		0	0.0	00		0	0.000
FY 20)12									(0	0.000)	0		0.000		0		0.000		0	0.00	00		0	0.0	00		0	0.000
FY 20)13									(0	0.000		0		0.000		0		0.000		0	0.00	00		0	0.0	00		0	0.000
FY 20)14									(0	0.000		0		0.000		0		0.000		0	0.00	00		0	0.0	00		0	0.000
FY 20)15									(0	0.000		0		0.000		0		0.000		0	0.00	00		0	0.0	00		0	0.000
FY 20)16									(0	0.000)	0		0.000		0		0.000		0	0.00	00		0	0.0	00		0	0.000
FY 20)17									(0	0.000		0		0.000		0		0.000		0	0.00	00		0	0.0	00		0	0.000
To Co	omplete									-		-		-		-		-		-		-	-		-				-		-
Total										(0	0.000)	84		0.095		0		0.000		0	0.00	00		0	0.0	00		0	0.000
									1	EV	2014		T	EV '	2015	:		FY 2	201	16		Y 20	17		To C	Compl	oto			otal	
										Qty		ıl Cost	(Qty		tal Cost	Qty		_	Total Cost	Qty		Total Cost	+	Qty	<u> </u>	otal Cos	:	Qty	_	ıl Cost
	llation								((Each)	(\$	(M)	,	ach)	-	(\$ M)	(Eac	<i>h)</i>		(\$ M)	(Each)	0	(\$ M)	20	(Each)	0	(\$ M)		(Each)	0 (\$	(M)
	ior Yea	S									0	0.000		0	-	0.000		0		0.000		0	0.00			0	0.0			4	0.000
FY 20											0	0.000		0		0.000		0		0.000		0	0.00			0	0.0			0	0.000
FY 20											0	0.000		0	_	0.000		0	\vdash	0.000		0	0.00			0	0.0			0	0.000
FY 20											0	0.000		0		0.000		0		0.000		0	0.00			0	0.0			0	0.000
FY 20											0	0.000		0		0.000		0	\vdash	0.000		0	0.00			0	0.0			0	0.000
1 1 2	, 10																			*****											

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED

P-1 Line #3

22

														ONC	LA	ЭЭІГ	ILD													
Exhib	it P-	3A, I	ndiv	idual	Modi	ficati	on: Pl	3 20°	13 Arr	ny													Date	: Feb	ruary	2012				
Appro 2033 <i>A</i>					Activi	ity / B	udge	t Sul	b Acti	vity:				tem N Stryk			ure:						(Mod	lificati	ion Ti	lomeno tle, Mo	difica	ation I	Numi	ber):
Mode	s of	Sys	tem	s Affe	cted:	VAR	OUS			Ty	ype N	Modif	icatio	n : 0						R	elat	ed RD	Γ&E PI	Es:						
Installa	tion:	Mobile	e Gur	n Syster	n (MGS	S) Defic	iencies							tation: nment			of dep	ot res	set team and		stalla	ation Na	me:							
				-						FY	2014			FY 2	2015			FY 2	016		FY	2017		To C	omple	ete		То	tal	
Installa	tion	Cost								Qty (Each)		tal Cost		Qty ach)	Total (\$ /		Qty (Eac		Total Cost	Q: (Ea		Total C		Qty (Each)		tal Cost (\$ M)		Qty ach)		l Cost
FY 201											0	0.000	+ '	0	(Φ I	0.000	(Laci	0	0.000	(La	0	+ ' '	0.000	(Lacii)	0	0.000	(L	0	<u> </u>	0.000
FY 201	7										0	0.000)	0		0.000		0	0.000		0) (0.000		0	0.000		0		0.000
To Con	plete									-		-		-		-		-	-		-		-	-		-		-		-
Total											0	0.000)	0		0.000		0	0.000		0) (0.000		0	0.000		84		0.095
Installa	tion	Sched	ule						_																					
			_	2011	_		FY 2					2013			FY 2	_			FY 2015	_			2016			FY 20				
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2 3	_	_	1 2	3	4	1	2	3	4	TC	Tot
In	-	0		0 84	_		0	0	-	0	0		0	0	0	-	0	0		_	0	0 0		0	0	0	0	0	0	
Out	-	0		0 0	84	0	0	0	0	0	0	0	U	0	0	0	0	0	0	0	0	0 (0	0	0	0	0	0	0	84
Installa	tion:	Targe	ting (Jnder A	rmor									tation:			of dep	ot res	set team and		stalla	ation Na	me:							
										Prio	r Year	's		FY 2	2011			FY 2	012	F	Y 20	13 Base		FY 2	013 O	СО		FY 201	3 Tota	al
Installa	tion	Cost								Qty (Each)		tal Cost		Qty ach)	Total (\$ /		Qty (Eac		Total Cost (\$ M)	Qt (Ea		Total C		Qty (Each)		tal Cost (\$ M)		Qty ach)		I Cost
All Prio	Yea	s									0	0.000)	0		0.000		0	0.000		0) (0.000		0	0.000		0		0.000
FY 201	l										0	0.000		0		0.000		0	0.000		0) (0.000		0	0.000		0		0.000
FY 201	2										0	0.000		0		0.000		0	0.000		0) (0.000		0	0.000		0		0.000
FY 201	3										0	0.000		0		0.000		0	0.000		0) (0.000		0	0.000		0		0.000
FY 201	1										0	0.000)	0		0.000		0	0.000		0		0.000		0	0.000		0		0.000
FY 201	5										0	0.000)	0		0.000		0	0.000		0) (0.000		0	0.000		0		0.000
FY 201	3										0	0.000		0		0.000		0	0.000		0		0.000		0	0.000		0		0.000
FY 201									\perp		0	0.000)	0		0.000		0	0.000		0) (0.000		0	0.000		0		0.000
To Con	plete								\perp	-		-		-		-		-	-		-		-	-		-		-		-
Total											0	0.000)	0		0.000		0	0.000		0		0.000		0	0.000		0		0.000

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
Page 13 of 17

Exhibit P-3A, Individual Modification: PB 2013	Army							D	ate: Febru	uary 2012		
Appropriation / Budget Activity / Budget Sub A 2033A / BA 1 / BSA 20	Activity:		ne Item N 00 - Stryk	lomenclat er (Mod)	ure:			(/	∕lodificatio	n Nomeno n Title, Mo MODIFICA	dification	Number):
Models of Systems Affected: VARIOUS	Тур	oe Modific	ation: 0				Relate	ed RDT&E	E PEs:			
Installation: Targeting Under Armor		hod of Imple tractors at a			of depot re	set team and	Installa	ition Name:				
	FY 2	014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	To	otal
Installation Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	, ,		0	
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	39	0.049	0	0.000	0	0.000	0	0.000	0	0.000	39	0.049
FY 2014	0	0.000	51	0.065	0	0.000	0	0.000	0	0.000	51	0.065
FY 2015	0	0.000	0	0.000	51	0.066	0	0.000	0	0.000	51	0.066
FY 2016	0	0.000	0	0.000	0	0.000	33	0.043	0	0.000	33	0.043
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	39	0.049	51	0.065	51	0.066	33	0.043	0	0.000	174	0.223
Installation Schedule												
FY 2011 FY 2012		FY 2013		FY 2014		FY 2015		FY 201	6	FY 20	17	
APY 1 2 3 4 1 2 3		2 3	4 1	2 3	4 1	2 3	4 1		3 4	1 2	3 4	TC Tot
In - 0 0 0 0 0 0 0	0 0	0 0	0 0	0 39	0 (+	0 0	51 0	0 0	33 0	0 174
Out - 0 0 0 0 0 0 0	0 0	0 0	0 0	0 0	39 (0 0	51	0 0	0 51	0 0	0 33	0 174
Installation: Block Mod Retrofit		hod of Imple tractors at a			of depot re	set team and	Installa	ition Name:				
	Prior `	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	13 OCO	FY 201	13 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	664	0.508	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
LI GM0100 - Stryker (Mod)			UNC	CLASSIF	IED							24

Page 14 of 17

Army

P-1 Line #3

24

																															_
	ibit P-																										2012				
	ropria 3A / B/				Activi	ty / B	udge	t Sub	Acti	vity:		1			lome er (M		ure:							(Mod	dificati	on Ti	lomen itle, Mo DIFICA	dificati	on N	'umber	r) :
Mod	lels of	Sys	tems	Affe	cted:	VARI	ous			T	ype I	Modif	catio	n: 0							Rel	ated	RDT8	EΡ	Es:						
Ineta	llation:	Block	Mod P	etrofit								of Imp					of dep	ot res	et team	and	Inet	allatio	on Name	··							
mota	nation.	DIOCK	IVIOU IX	Ctront					$\overline{}$		or Year		gover	FY		· 		FY 20	012			2013 E		,. 	FY 2	013 O	CO	FY	2013	Total	_
Insta	llation (Cost								Qty (Each)	Tot	tal Cost		Qty ach)	Total (\$ A		Qty (Eac	,	Total Co		Qty (Each)	<u> </u>	Total Cost		Qty (Each)	То	otal Cost	Qty (Each		Total Cos	
FY 20	016										0	0.000)	0		0.000		0	C	.000		0	0.0	00		0	0.000		0		.00
FY 20	017										0	0.000)	0		0.000		0	C	.000		0	0.0	00		0	0.000		0	0.	.00
To C	omplete									-		-		-		-		-		-		-	-		-		-		-		-
Total											0	0.000)	664		0.508		0	C	0.000		0	0.0	00		0	0.000		0	0.	.00
										FY	/ 2014			FY 2	2015			FY 20	016		F	Y 201	17		То С	omple	ete		Tota	al	
Insta	llation (Cost								Qty (Each)		tal Cost		Qty ach)	Total (\$ A		Qty (Eac		Total Co		Qty (Each)		Total Cost		Qty (Each)		otal Cost (\$ M)	Qty (Each		Total Cos	
All Pr	ior Year	s									0	0.000)	0		0.000		0	C	.000		0	0.0	00		0	0.000		664	0.	.50
FY 20	011										0	0.000)	0		0.000		0	C	.000		0	0.0	00		0	0.000		0	0.	.00
FY 20	012										0	0.000		0		0.000		0	C	.000		0	0.0	00		0	0.000		0	0.	.00
FY 20	013										0	0.000)	0		0.000		0	C	.000		0	0.0	00		0	0.000		0	0.	.00
FY 20	014										0	0.000)	0		0.000		0	С	.000		0	0.0	00		0	0.000		0	0.	.00
FY 20	015										0	0.000)	0		0.000		0	С	.000		0	0.0	00		0	0.000		0	0.	.00
FY 20	016										0	0.000)	0		0.000		0	C	.000		0	0.0	00		0	0.000		0	0.	.00
FY 20	017										0	0.000)	0		0.000		0	C	.000		0	0.0	00		0	0.000		0	0.	.00
To C	omplete									-		-		-		-		-		-		-	-		-		-		-		-
Total											0	0.000		0		0.000		0	0	.000		0	0.0	00		0	0.000		664	0.	.50
Insta	llation	Sched	ule																												
			FY 2	2011	,		FY 2	2012			FY 2	2013			FY 2	014			FY 2	015	,		FY 20	016			FY 20	17			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC To	ot
In	-	0	0		0	0				0			0	0	0	0	0	0		0		0		0		0		0	0		664
Out	-	0	0	0	664	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 6	664

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
Page 15 of 17

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
GM0100 - Stryker (Mod)

Modification Nomenclature
(Modification Title, Modification Number)

GM0100 - Stryker (Mod)

(Modification Title, Modification Number):
STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS Type Modification: 0 Related RDT&E PEs:

Installation: Training Aids, Devices, Simulators and Simulatio	ns Me	thod of Impl	ementation:	Depot Field	Team		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	22	0.235	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	22	0.256	0	0.000	22	0.256
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	0	0.000	22	0.235	22	0.256	0	0.000	22	0.256

	FY:	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	22	0.235
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	22	0.256
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	44	0.491

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
Page 16 of 17

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
GM0100 - Stryker (Mod)

GM0100 - Stryker (Mod)

STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS Type Modification: 0 Related RDT&E PEs:

Installation: Training Aids, Devices, Simulators and Simulations

Method of Implementation: Depot Field Team

Installation Name:

Installation Schedule

			FY 2	2011			FY 2	012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	016			FY 2	2017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	0	0	0	0	0	22	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44
Out	-	0	0	0	0	0	0	0	22	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44

LI GM0100 - Stryker (Mod) Army UNCLASSIFIED
Page 17 of 17

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GZ2300 - FIST Vehicle (Mod)

20: Modification Of Tracked Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : A		Prograr	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	nents: 02037	35A	
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	111.002	30.908	35.082	57.257	-	57.257	79.865	-	-	-	0.000	314.114
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	111.002	30.908	35.082	57.257	-	57.257	79.865	-	-	-	0.000	314.114
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	111.002	30.908	35.082	57.257	-	57.257	79.865	-	-	-	0.000	314.114
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	sewhere.)		,	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Bradley Fire Support Team (BFIST) vehicle replaces the aging M981 Fire Support Vehicle used by the Fire Support Team (FIST) that is in the Combined Arms Battalion. The FIST contributes to success on the battlefield by accurately locating and designating targets and then combining this information to develop and execute fire support plans. The BFIST allows fire support operations to be performed on the battlefield in vehicles with the same signature, survivability, and mobility as the other Bradleys in the maneuver units it supports. The BFIST consists of three variants; M7, M7 BFIST SA and A3 BFIST with FS3.

A3 BFIST: The A3 BFIST integrates a fire support Mission Equipment Package (MEP) with the technology and capability advancements of the baseline A3 Bradley digital architecture. The A3 BFIST requires the integration of four complex and constantly changing major software packages; Forward Observer System (FOS), Force 21 Battle Command Brigade and Below (FBCB2), FIST MEP, and the baseline A3 Bradley vehicle which are managed by four different primary contractor and government organizations. With the addition of the FS3, the FIST mission will now be able to detect, recognize and identify targets at a greater range, meeting the Operational Requirements Document (ORD). In addition, the BFIST with FS3 will now be able to designate the selected target while under armor, and with the greater distance, both capabilities increase crew survivability.

M7 BFIST: The M7 BFIST integrates a fire support Mission Equipment Package (MEP) onto the baseline Operation Desert Storm (ODS) Bradley vehicle. The M7 BFIST requires the integration of four complex software packages; Forward Observer System (FOS), Force 21 Battle Command Brigade and Below (FBCB2), FIST MEP, and the baseline ODS Bradley vehicle which are managed by four different primary contractors and government organizations. Any modifications needed to the baseline vehicle to integrate the MEP are added as an Engineering Change Proposal (ECP).

The ODS Bradley is being upgraded to improve its Situational Awareness (SA). In order to maintain commonality with the baseline Bradley Operation Desert Storm (ODS) SA vehicle, the M7 BFIST is transitioning to the M7 BFIST SA vehicle. The M7 BFIST SA will have the same capabilities as the ODS-SA platform. Additionally, M7 BFIST SA no longer has the M7 BFIST obsolescence issues because of the A3 like digital architecture of the ODS-SA baseline vehicle. With the addition of the FS3, the FIST mission will be able to detect, recognize, identify, and designate targets at a greater range, meeting the Operational Requirements Document (ORD), with the greater distance, both capabilities are met, which increase crew survivability.

UNCLASSIFIED
Page 1 of 7

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GZ2300 - FIST Vehicle (Mod)

20 : Modification Of Tracked Combat Vehicles

ID Code (A=S	Service Ready, B=Not Service Rea	idy) : A	Pro	gram Elements for C	ode B Items:		Other Relat	ed Program Elem	ents: 0203735A	
Secon	dary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Army Active	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	30.908	31.61	4 30.257	-	30.25	7 36.465	-	-	-
Army National	Quantity	-	-	-	-	-	-	-	-	-
Guard	Total Obligation Authority	-	3.46	27.000	-	27.000	43.400	-	-	-
Į.	tom Schodulo	Prior '	Voare	EV 2011	EV 20	112	EV 2013 Base	EV 2013 C)CO	EV 2013 Total

item och	duie		•	noi rea	13		1 1 2011			1 1 2012			2010 00	130		2010 0	00		201010	lai
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)												
FS3 on A3 BFIST - xx	P3A		-	-	111.002	-	-	30.908	-	-	35.082	-	-	57.257	-	-	-	-	-	57.257
Total Gross/Weapon System Cost					111.002			30.908			35.082			57.257			-			57.257
				FY 2014	ı		FY 2015	•		FY 2016			FY 2017		To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
FS3 on A3 BFIST - xx	P3A		-	-	79.865	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	314.114
Total Gross/Weapon System Cost					79.865			-			-			-			0.000			314.114

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

Justification:

FY13 Base procurement dollars in the amount of \$57.257 million will support 53 FS3 Sensors and integration onto the A3 BFIST to support the Heavy Brigade Combat Team. With the addition of the FS3, the FIST mission will be able to detect, recognize, identify, and designate targets at a greater range and greater distance, which increases crew survivability.

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 emponenents of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED

				UNCLA	SSIFIED							
Exhibit P-3A, Individual Modification: Pl	3 2013 Arr	ny							Date: Feb	ruary 2012	2	
Appropriation / Budget Activity / Budge 2033A / BA 1 / BSA 20	t Sub Acti	vity:	P-1 Line I GZ2300 -	tem Nome FIST Vehic					(Modificat	ion Nome ion Title, M 3 BFIST - >	odification N	lumber):
Models of Systems Affected: A3 BFIST		Type I	Modificatio	n: xx			Re	lated RDT	&E PEs:			
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	111.002	30.908	35.082	57.257	-	57.257	79.865	-	-	-	0.000	314.114
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	111.002	30.908	35.082	57.257	-	57.257	79.865	-	-	-	0.000	314.114
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	111.002	30.908	35.082	57.257	-	57.257	79.865	-	-	-	0.000	314.114
(The follow	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	Isewhere.)	*	-	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

LI GZ2300 - FIST Vehicle (Mod) Army

UNCLASSIFIED Page 3 of 7

UNCLASSIFIED Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 1 / BSA 20 GZ2300 - FIST Vehicle (Mod) (Modification Title, Modification Number): FS3 on A3 BFIST - xx Models of Systems Affected: A3 BFIST Type Modification: xx Related RDT&E PEs: **Prior Years** FY 2011 FY 2012 **FY 2013 Base** FY 2013 OCO FY 2013 Total **Total Cost Total Cost** Total Cost Total Cost Total Cost **Total Cost** Qty Qty Qty Qtv **Financial Plan** (Each) (\$ M) **Procurement** FS3 on BFIST A Kits Recurring 69 11.871 36 6.377 44 7.920 9.699 0.000 53 9.699 53 BFIST A3 FS3 A-Kits 99 34.626 16 5.869 22 8.206 53 23.903 0 0.000 53 23.903 BFIST A3 FS3 Sensors 0 0 0 4.745 2.926 0 1.430 0 3.551 0.000 0 3.551 BFIST A3 GFE/GFM 0.000 0.000 0 0.000 0.000 0.000 0.000 BFIST M7SA FS3 A Kits 0.000 0 0.000 0 0.000 0 0.000 0.000 0 0.000 BFIST M7SA FS3 Sensors 0 0 BFIST M7SA GFE/GFM 0 0.000 0.000 0 0.000 0.000 0.000 0.000 2.355 0 0.000 0.000 0.000 0 0.000 0 0.000 LL FS3 Sensor Mod Kits 0 0 0 Engineering Production (A3 & M7SA) 0 34.532 0 12.694 0 7.924 0 9.538 0 0.000 0 9.538 Government Support (A3 & M7SA) 0 10.354 2.763 0 5.982 4.124 0.000 4.124 3.647 0 4.720 0.000 0 2.637 0.000 3.647 Fielding (A3 & M7SA) Test & Evaluation (A3 & M7SA) 7.799 0.279 0.983 2.795 0.000 2.795 111.002 30.908 35.082 57.257 0.000 57.257 Subtotal Recurring Total FS3 on BFIST 168 111.002 30.908 66 35.082 106 57.257 0.000 106 57.257 111.002 30.908 35.082 57.257 0.000 57.257 Total. All Modifications 111.002 30.908 35.082 57.257 0.000 57.257 Procurement Cost (Procurement + Support) Total Installation Cost 0.000 0.000 0.000 0.000 0.000 0.000 111.002 30.908 35.082 57.257 0.000 57.257 Total Cost (Procurement + Support + Installation) FY 2014 FY 2015 FY 2016 FY 2017 To Complete Total **Total Cost Total Cost Total Cost Total Cost** Qty **Total Cost** Qty Qty Qty Qty **Total Cost Financial Plan** (Each) (\$ M) (Each) (\$ M) (\$ M) (Each) (\$ M) (Each) (\$ M) (Each) (Each) (\$ M) **Procurement** FS3 on BFIST A Kits Recurring BFIST A3 FS3 A-Kits 19 3.534 0.000 0 0.000 0.000 0.000 221 39.401

LI GZ2300 - FIST Vehicle (Mod) Army UNCLASSIFIED
Page 4 of 7

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:

GZ2300 - FIST Vehicle (Mod)

Modification Nomenclature

(Modification Title, Modification Number):
FS3 on A3 BFIST Type Modification: xx

Related RDT&E PEs:

INIOUEIS OF Systems Affected. As Brist	Type Modifica	ation. XX				I/G	ialeu KL	JIGEFE	э.			
	FY	2014	FY:	2015	FY 2	2016	FY 2	2017	То Со	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
BFIST A3 FS3 Sensors	33	15.642	0	0.000	0	0.000	0	0.000	0	0.000	223	88.246
BFIST A3 GFE/GFM	0	2.924	0	0.000	0	0.000	0	0.000	0	0.000	0	15.576
BFIST M7SA FS3 A Kits	48	8.928	0	0.000	0	0.000	0	0.000	0	0.000	48	8.928
BFIST M7SA FS3 Sensors	48	22.752	0	0.000	0	0.000	0	0.000	0	0.000	48	22.752
BFIST M7SA GFE/GFM	0	3.264	0	0.000	0	0.000	0	0.000	0	0.000	0	3.264
LL FS3 Sensor Mod Kits	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2.355
Engineering Production (A3 & M7SA)	0	10.063	0	0.000	0	0.000	0	0.000	0	0.000	0	74.75
Government Support (A3 & M7SA)	0	4.194	0	0.000	0	0.000	0	0.000	0	0.000	0	27.417
Fielding (A3 & M7SA)	0	5.508	0	0.000	0	0.000	0	0.000	0	0.000	0	16.512
Test & Evaluation (A3 & M7SA)	0	3.056	0	0.000	0	0.000	0	0.000	0	0.000	0	14.912
Subtotal Recurring		79.865		0.000		0.000		0.000		0.000		314.11
Total, FS3 on BFIST	148	79.865	0	0.000	0	0.000	0	0.000	0	0.000	540	314.114
Total, All Modifications		79.865		0.000		0.000		0.000		0.000		314.114
Procurement Cost (Procurement + Support)		79.865		0.000		0.000		0.000		0.000		314.114
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		79.865		0.000		0.000		0.000		0.000		314.114

Remarks:

Manufacturer Informa	tion: FS3 on BFIST						
Manufacturer Name: B/	ΑE			Manufacturer Location: YO	ORK, PA		
Administrative Leadtime	e (in Months): 5			Production Leadtime (in N	fonths): 5		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011	Jan 2012	Feb 2013	Feb 2014			
Delivery Dates	Jun 2011	Jun 2012	Jul 2013	Jul 2014			

LI GZ2300 - FIST Vehicle (Mod) Army UNCLASSIFIED
Page 5 of 7

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:

GZ2300 - FIST Vehicle (Mod)

Modification Nomenclature(*Modification Title, Modification Number*):

FS3 on A3 BFIST - xx

Models of Systems Affected: A3 BFIST

Type Modification: xx

Related RDT&E PEs:

Installation: FS3 on BFIST	Met	thod of Impl	ementation:	X			Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 ОСО	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	69	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	27	0.000	9	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	33	0.000	11	0.000	0	0.000	11	0.000
FY 2013	0	0.000	0	0.000	0	0.000	41	0.000	0	0.000	41	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	69	0.000	27	0.000	42	0.000	52	0.000	0	0.000	52	0.000

	FY 2	2014	FY 2	2015	FY :	2016	FY 2	2017	To Co	mplete	То	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	69	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	36	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	44	0.000
FY 2013	12	0.000	0	0.000	0	0.000	0	0.000	0	0.000	53	0.000
FY 2014	50	0.000	17	0.000	0	0.000	0	0.000	0	0.000	67	0.000
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	62	0.000	17	0.000	0	0.000	0	0.000	0	0.000	269	0.000

LI GZ2300 - FIST Vehicle (Mod) Army UNCLASSIFIED
Page 6 of 7

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Modification Nomenclature

2033A / BA 1 / BSA 20 GZ2300 - FIST Vehicle (Mod) (Modification Title, Modification Number):

FS3 on A3 BFIST - xx

Models of Systems Affected: A3 BFIST Type Modification: xx Related RDT&E PEs:

Installation: FS3 on BFIST Method of Implementation: x Installation Name:

			FY 2	011			FY 2	2012			FY 2	013			FY 2	014			FY 2	015			FY 2	2016			FY 2	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	69	0	9	9	9	9	11	11	11	11	14	14	13	12	17	17	16	17	0	0	0	0	0	0	0	0	0	0	0	0	269
Out	69	0	9	9	9	9	11	11	11	11	14	14	13	12	17	17	16	17	0	0	0	0	0	0	0	0	0	0	0	0	269

LI GZ2300 - FIST Vehicle (Mod) Army UNCLASSIFIED
Page 7 of 7

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 1 : Tracked Combat Vehicles / BSA

GZ2400 - Bradley Program (MOD)

20 : Modification Of Tracked Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : A		Progran	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	nents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	3,898.912	202.987	250.710	148.193	-	148.193	182.175	202.628	246.388	210.843	0.000	5,342.836
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3,898.912	202.987	250.710	148.193	-	148.193	182.175	202.628	246.388	210.843	0.000	5,342.836
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3,898.912	202.987	250.710	148.193	-	148.193	182.175	202.628	246.388	210.843	0.000	5,342.836
(The foll	owing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
1-10-1 O (A 1- NATIO)												

(The follo	wing Resource	Summary rows	are for informa	itional purposes	s only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

System Cost

Bradley Program (MOD) procures Operation Desert Storm (ODS) vehicle upgrades to improve its Situational Awareness (SA). Upgrades include the Second Generation (GEN) Forward Looking Infrared (FLIR) capability which provides target detection and identification at weapon maximum effective range and achieves commonality with the M1A1 Abrams Situational Awareness (SA) tank. The Bradley Program (MOD) also procures hardware for field mods from the Engineering Change Proposal (ECP) program approved by the Army Acquisition Executive (AAE) in July 2011. There are two ECPs in this program. ECP1 improves vehicle suspension with extended life track. ECP2 improves the power train and electrical system to enable the A3 fleet to host inbound technologies from Army Program of Records (i.e. Joint Tactical Radar System (JTRS), Force Battle Command & Below (FBCB2), & Warfighter Integrated Network Tactical (WIN-T)).

Second	dary Dis	tribution		FY 2011		FY 2012	2	FY 201 Base		FY 201 OCO	-	FY 20 ² Total	-	FY 20)14	FY 20)15	FY 2	016	FY 2	2017
Army Active	Quantity				-		-		-		-		-		-		-		-		-
	Total Obl	igation Authority		11	1.000		-	1	13.193		-	1	113.193		147.175		202.628		246.388		210.843
Army National	Quantity				-		-		-		-		-		-		-		-		-
Guard	Total Obl	igation Authority		191	1.987	25	0.710	;	35.000		-		35.000		35.000		-		-		-
It	tem Sche	dule		Р	rior Yea	rs		FY 2011			FY 2012		F١	/ 2013 Ba	ise	FY	2013 O	co	FY	2013 To	tal
Item Nomeno	clature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
Bradley Program	Mod - xx	P3A		-	-	3,898.912	-	-	202.987	-	-	250.710	-	-	148.193	-	-	-	-	-	148.193
Total Gross/Wea	non					3.898.912			202.987			250.710			148.193			-			148.193

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GZ2400 - Bradley Program (MOD)

20: Modification Of Tracked Combat Vehicles

ID Code (A=Service Ready	y, B=Not Service Rea	dy) : A	١			Program	Element	s for Cod	e B Items	s:			Oth	er Related	d Progran	n Eleme	nts:			
				FY 2014			FY 2015			FY 2016			FY 2017		To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
Bradley Program Mod - xx	P3A		-	-	182.175	-	-	202.628	-	-	246.388	-	-	210.843	-	-	0.000	-	-	5,342.836
Total Gross/Weapon System Cost					182.175			202.628			246.388			210.843			0.000			5,342.836

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

Justification:

FY 2013 Base procurement dollars in the amount of \$148.193 million funds procurement and installation of 300 upgrade kits for ECP1. ECP1 improves vehicle suspension with extended life track. Also fund the ODS-SA Fieldings & Program/Engineering Support. The ODS SA adds the Second Generation (GEN) Forward Looking Infrared (FLIR) capability which provides target detection and identification at weapon maximum effective range and achieves commonality with the M1A1 Abrams Situational Awareness (SA) tank.

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.

UNCLASSIFIED
Page 2 of 16

Exhibit P-3A, Individual Modification: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activit 2033A / BA 1 / BSA 20	y: P-1 Line Item Nomenclature: GZ2400 - Bradley Program (MOD)	Modification Nomenclature (Modification Title, Modification Number): Bradley Program Mod - xx
Models of Systems Affected: M2 & M3 Bradley	Type Modification: xx	Related RDT&F PFs

Vehicle Variants

							· · ·					
	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	3,898.912	202.987	250.710	148.193	-	148.193	182.175	202.628	246.388	210.843	0.000	5,342.836
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3,898.912	202.987	250.710	148.193	-	148.193	182.175	202.628	246.388	210.843	0.000	5,342.836
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3,898.912	202.987	250.710	148.193	-	148.193	182.175	202.628	246.388	210.843	0.000	5,342.836
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Bradley Program (MOD) procures hardware for field mods from on the Engineering Change Proposal (ECP) program approved by the AAE in July 2011. There are two ECPs in this program. ECP1 improves vehicle suspension with extended life track. ECP2 improves the power train and electrical system to enable the A3 fleet to host inbound technologies from Army Program of Records (i.e. JTRS, FBCB2, & WIN-T). Bradley Program (MOD) also procures Operation Desert Storm (ODS) vehicle upgrades to improve its Situational Awareness (SA). Upgrades include the Second Generation (GEN) Forward Looking Infrared (FLIR) capability which provides target detection and identification at weapon maximum effective range and achieves commonality with the M1A1 Abrams Situational Awareness (SA) tank.

UNCLASSIFIED LI GZ2400 - Bradley Program (MOD) Army

Page 3 of 16

Date: February 2012 Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Modification Nomenclature 2033A / BA 1 / BSA 20 (Modification Title, Modification Number): GZ2400 - Bradley Program (MOD)

Bradley Program Mod - xx

Models of Systems Affected: M2 & M3 Bradley Type Modification: xx Related RDT&E PEs:

Vehicle Variants

	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cos (\$ M)						
Procurement												
Training Devices ⁽¹⁾												
A Kits												
Recurring												
Training Equipment	0	25.700	0	11.600	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		25.700		11.600		0.000		0.000		0.000		0.00
Total, Training Devices	0	25.700	0	11.600	0	0.000	0	0.000	0	0.000	0	0.00
Bradley Reactive Armor ⁽²⁾												
A Kits												
Recurring												
Kit Quantity	2,676	765.100	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		765.100		0.000		0.000		0.000		0.000		0.00
Total, Bradley Reactive Armor	2,676	765.100	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
BFVS High Priority Improvements (3)												
A Kits												
Recurring												
CMED Driver Vision Upgrade	617	85.500	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Reset Mods	756	10.500	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
INU/Talon	271	5.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Heat Abatement/Cargo Hatch	2,764	2.800	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
High Priority Mods	0	95.408	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Urban Survivability Mods	5,276	2,099.004	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		2,298.212		0.000		0.000		0.000		0.000		0.00
Total, BFVS High Priority Improvements	9,684	2,298.212	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
ODS Situational Awareness (4)												
A Kits												
Recurring												

LI GZ2400 - Bradley Program (MOD) Army

UNCLASSIFIED Page 4 of 16

		UNC	CLASSI	IFIED								
Exhibit P-3A, Individual Modification: PB 2013 Army	y							Date:	February	2012		
Appropriation / Budget Activity / Budget Sub Activ 2033A / BA 1 / BSA 20		_ine Item N 400 - Bradle)			(Modifi	ication Ti	lomencla itle, Modifi m Mod - >	fication N	lumber) :
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants	Type Modif	ication: xx				Re	lated RD	T&E PE				
	Pr	ior Years	FY	2011	FY 2	2012	FY 201	3 Base	FY 201	з осо	FY 201	13 Total
Financial Plan	Qty (Each	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost (\$ M)
ODS Situational Awareness		485 761.000	<u> </u>	· · ·	72		0		0		0	
Fielding Activities/NET		0.000	(0.000	0	0.000	0	35.000	0	0.000	0	35.000
Subtotal Recurring		761.000		177.387		238.500		35.000		0.000		35.000
Total, ODS Situational Awareness		485 761.000	58	8 177.387	72	238.500	0	35.000	0	0.000	0	35.000
Program/Engineering Support ⁽⁵⁾		1		-1	1	-		-				
A Kits												-
Recurring								-				-
Government PM support		0 33.000	(0 10.000	0	8.210	0	6.700	0	0.000	0	6.700
Contractor PM Support		0 15.900	(0 4.000	0	4.000	0	4.000	0	0.000	0	4.000
Subtotal Recurring		48.900		14.000		12.210		10.700		0.000		10.700
Total, Program/Engineering Support		0 48.900		0 14.000	0	12.210	0	10.700	0	0.000	0	10.700
Field Upgrades ⁽⁶⁾		`		•								
A Kits												
Recurring												
Field Modifications		0.000	(0.000	0	0.000	300	102.493	0	0.000	300	102.493
Subtotal Recurring		0.000		0.000		0.000		102.493		0.000		102.493
Total, Field Upgrades		0.000		0.000	0	0.000	300	102.493	0	0.000	300	102.493
Total, All Modifications		3,898.912		202.987		250.710		148.193		0.000		148.193
Procurement Cost (Procurement + Support)		3,898.912		202.987		250.710		148.193		0.000		148.193
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		3,898.912		202.987		250.710		148.193		0.000		148.193
		Y 2014	FY	2015	FY	2016	FY 2	2017	To Cor	mplete	To	tal
Financial Dian	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost
Financial Plan Procurement	(Each	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)
Training Devices ⁽¹⁾												
A Kits												

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED
Page 5 of 16

Exhibit P-3A, Individual Modification: PB 2013 Army

P-1 Line Item Nomenclature:

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20

GZ2400 - Bradley Program (MOD)

Modification Nomenclature (*Modification Title, Modification Number*):

Bradley Program Mod - xx

Date: February 2012

Models of Systems Affected: M2 & M3 Bradley

Type Modification: xx

Related RDT&E PEs:

	FY	2014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	To	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost						
Recurring												
Training Equipment	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	37.30
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		37.30
Total, Training Devices	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	37.30
Bradley Reactive Armor (2)		-										
A Kits												
Recurring												
Kit Quantity	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,676	765.10
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		765.10
Total, Bradley Reactive Armor	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,676	765.10
BFVS High Priority Improvements (3)												
A Kits												
Recurring												
CMED Driver Vision Upgrade	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	617	85.50
Reset Mods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	756	10.50
INU/Talon	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	271	5.00
Heat Abatement/Cargo Hatch	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,764	2.80
High Priority Mods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	95.40
Urban Survivability Mods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5,276	2,099.00
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		2,298.21
Total, BFVS High Priority Improvements	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	9,684	2,298.21
ODS Situational Awareness (4)												
A Kits												
Recurring												
ODS Situational Awareness	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	615	1,176.88
Fielding Activities/NET	0	35.000	0	0.000	0	0.000	0	0.000	0	0.000	0	70.00
Subtotal Recurring		35.000		0.000		0.000		0.000		0.000		1,246.88

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED
Page 6 of 16

Exhibit P-3A, Individual Modification: PB 2013 ArmyDate: February 2012Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20P-1 Line Item Nomenclature:
GZ2400 - Bradley Program (MOD)Modification Nomenclature
(Modification Title, Modification Number):
Bradley Program Mod - xx

| Models of Systems Affected: M2 & M3 Bradley | Type Modification: xx | Related RDT&E PEs:

Vehicle Variants

	FY	2014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
Total, ODS Situational Awareness	0	35.000	0	0.000	0	0.000	0	0.000	0	0.000	615	1,246.887
Program/Engineering Support ⁽⁵⁾		_										
A Kits												
Recurring												
Government PM support	0	6.700	0	6.700	0	6.700	0	0.000	0	0.000	0	78.010
Contractor PM Support	0	4.000	0	4.000	0	4.000	0	0.000	0	0.000	0	39.900
Subtotal Recurring		10.700		10.700		10.700		0.000		0.000		117.91
Total, Program/Engineering Support	0	10.700	0	10.700	0	10.700	0	0.000	0	0.000	0	117.91
Field Upgrades ⁽⁶⁾												
A Kits												
Recurring												
Field Modifications	400	136.475	560	191.928	600	235.688	101	210.843	0	0.000	1,961	877.42
Subtotal Recurring		136.475		191.928		235.688		210.843		0.000		877.42
Total, Field Upgrades	400	136.475	560	191.928	600	235.688	101	210.843	0	0.000	1,961	877.42
Total, All Modifications		182.175		202.628		246.388		210.843		0.000		5,342.836
Procurement Cost (Procurement + Support)		182.175		202.628		246.388		210.843		0.000		5,342.836
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		182.175		202.628		246.388		210.843		0.000		5,342.836

Remarks:

LI GZ2400 - Bradley Program (MOD) Army

⁽¹⁾ This modification was procured with prior year funding. This program procured upgrade kits for the Bradley Fighting Vehicle Systems (BFVS) appended training devices to support Army Modularization.

⁽²⁾ This modification was procured with prior year funding. Bradley Reactive Armor was one of the High Survivability improvements to the Bradley Fighting Vehicle Systems (BFVS). The armor provided increased protection and crew survivability against shaped charge threats, including hand held Anti-tank Chemical Energy Shape Charges and other classes of warheads as specified in the BFVS material need area.

⁽³⁾ This modification was procured with prior year funding. The Bradley Fighting Vehicle Systems (BFVS) represented the primary mechanized Infantry, Cavalry and Engineer forces in the Heavy Brigade Combat Teams which supported OIF. In order to retain a strategic combat overmatch against consistently improving threat forces/technologies, several Bradley Urban Survivability modifications were incorporated on these systems. The modification included an improved fire suppression system, armored commander's gun shield, hot box restraint which prevented stowed ammo from becoming secondary projectiles in an IED event, advanced driver and squad seats, fuel cell bladder which sealed the existing fuel cell reducing fuel borne events, rear emergency ramp egress which allowed immediate soldier evacuation upon an IED event and turret floor protection.

				0.102	, toon ieb							
Exhibit P-3A, Indiv	idual Modification: P	B 2013 Army						Date: February 201	2			
Appropriation / Bu- 2033A / BA 1 / BSA	dget Activity / Budge 20	et Sub Activity	:	P-1 Line Item No GZ2400 - Bradley				Modification Nomenclature (Modification Title, Modification Number Bradley Program Mod - xx				
Models of Systems Vehicle Variants	s Affected: M2 & M3 E	Bradley	Type N	Modification: xx			Related RD	T&E PEs:				
Bradley Acquisition System at weapon maximum e (5) Program/Engineering sites) & contractor engine (6) Provides funding for	tuational Awareness (SA) is stem (IBAS), a 2nd GEN FL ffective range), while mainta g Support includes both Go ineering to support complet components and labor for r	IR. This replacemaining the Bradley Avernment & contraction of ODS SA kit prequired field relate	ent elimin A2 ODS's ctor progo production d modific	nates obsolescence an s lethality, survivability, ram management supp n and procurement and cations of 15 HBCT sets	d improves the commander and sustainability. ort to oversee program pla I installation of ECP1 & 2 h. s of ECP 1 & 1 HBCT set o	r's and gunr nning & exe ardware. f ECP 2 in s	ecution activities.	capability (provides target of Also includes US Government of the family of vehicles. The	detection and identification nent (TACOM & other USG se modifications correct or			
	eficiencies in size, weight ar ipgrades. Upgrades will be						Record. ECP field	modifications include track	k, suspension, powerpack,			
Manufacturer Information		applied as field files	uo. 1 101u	installation costs are in	oldada III tilo dolla dotor do							
Manufacturer Name: x					Manufacturer Location	ı: X						
Administrative Leadtime	(in Months): 8				Production Leadtime (i	in Months):	12					
Dates	FY 2011	FY 2012		FY 2013	FY 2014		FY 2015	FY 2016	FY 2017			
Contract Dates	May 2011											
Delivery Dates	May 2012											
Manufacturer Information	on: Bradley Reactive Arm	or			'	'		•	'			
Manufacturer Name: GD/	ATP				Manufacturer Location	: Burlington	, VT					
Administrative Leadtime	(in Months): 5				Production Leadtime (i	in Months):	6					
Dates	FY 2011	FY 2012		FY 2013	FY 2014		FY 2015	FY 2016	FY 2017			
Contract Dates												
Delivery Dates												
Manufacturer Information	on: BFVS High Priority Im	provements										
Manufacturer Name: BAE	≣				Manufacturer Location	: YORK, PA	\					
Administrative Leadtime	(in Months): 5				Production Leadtime (i	in Months):	6					
Dates	FY 2011	FY 2012		FY 2013	FY 2014		FY 2015	FY 2016	FY 2017			
Contract Dates												
Delivery Dates												
Manufacturer Information	on: ODS Situational Awar	eness				•						
Manufacturer Name: BAE	Ξ				Manufacturer Location	: YORK, PA	\					
Administrative Leadtime	(in Months): 8				Production Leadtime (i	in Months):	12					
Dates	FY 2011	FY 2012		FY 2013	FY 2014		FY 2015	FY 2016	FY 2017			
Contract Dates	May 2011	May 2012	!	May 2013	May 2014							

LI GZ2400 - Bradley Program (MOD) Army

Exhibit P-3A, Indiv	idual Modification: P	B 2013 Army				Date: February 2012						
Appropriation / Bu 2033A / BA 1 / BSA	dget Activity / Budge 20	et Sub Activity	y: P-1 Line Item No GZ2400 - Bradley			Modification Nome (Modification Title, M Bradley Program Mo	odification Number):					
Models of Systems Vehicle Variants	Affected: M2 & M3 E	Bradley	Type Modification: xx		Related R	ed RDT&E PEs:						
Manufacturer Informati	on: ODS Situational Awar	eness			'							
Dates	FY 2011	FY 2012	PY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Delivery Dates	May 2012	May 201	3 May 2014	May 2015								
Manufacturer Informati	on: Program/Engineering	Support										
Manufacturer Name: N/A				Manufacturer Location: W	ARREN, MI							
Administrative Leadtime	(in Months): 1			Production Leadtime (in M	Months): 1							
Dates	Leadtime (in Months): 1 FY 2011 FY 20		PY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates	Oct 2010	Oct 201	1 Oct 2012	Oct 2013								
Delivery Dates	Nov 2010	Nov 201	1 Nov 2012	Nov 2013								
Manufacturer Informati	on: Field Upgrades		·									
Manufacturer Name: BAI				Manufacturer Location: YO	ORK, PA							
Administrative Leadtime	(in Months): 12			Production Leadtime (in M	fonths): 12							
Dates	FY 2011	FY 2012	PY 2013	FY 2014	FY 2015	FY 2016	FY 2017					
Contract Dates	Sep 2011		Sep 2013	Sep 2014	Sep 2015	Sep 2016	Sep 2017					
Delivery Dates	Sep 2012		Sep 2014	Sep 2015	Sep 2016	Sep 2017	Sep 2018					

Installation: Training Devices	N	lethod of Impl	ementation:	X			Installa	tion Name:				
	Pric	or Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED
Page 9 of 16

UNCLASSIFIED Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 1 / BSA 20 GZ2400 - Bradley Program (MOD) (Modification Title. Modification Number): Bradley Program Mod - xx Models of Systems Affected: M2 & M3 Bradley Type Modification: xx Related RDT&E PEs: Vehicle Variants Installation: Training Devices Method of Implementation: x Installation Name: FY 2015 FY 2016 FY 2017 FY 2014 To Complete Total Qty **Total Cost** Installation Cost (Each) (Each) (\$ M) (Each) (Each) (Each) (\$ M) (Each) (\$ M) (\$ M) (\$ M) (\$ M) 0.000 0.000 0 0.000 0.000 0 0.000 0 0.000 All Prior Years FY 2011 0 0.000 0.000 0.000 0.000 0.000 0 0.000 0 FY 2012 0 0.000 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0.000 0.000 0 0.000 0 0.000 0 0.000 FY 2013 0 0 FY 2014 0.000 0.000 0.000 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2015 FY 2016 0 0.000 0.000 0.000 0 0.000 0 0.000 0 0.000 FY 2017 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 To Complete 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0.000 0.000 0.000 0.000 0.000 0.000 Total Installation Schedule FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 **APY** 1 4 1 4 1 2 3 4 1 2 4 1 2 3 4 1 2 4 1 2 3 4 TC Tot 0 In 0 0 0 0 0 0 0 Out Installation: Bradlev Reactive Armor Method of Implementation: Contractor Installation Name: **Prior Years** FY 2011 FY 2012 **FY 2013 Base FY 2013 OCO** FY 2013 Total Qty Total Cost Qty **Total Cost** Qty **Total Cost Total Cost** Qty **Total Cost** Qty Total Cost Installation Cost (Each) (\$ M) All Prior Years 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0 0.000 FY 2011 FY 2012 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 FY 2013 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0.000 FY 2014 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 FY 2015 0.000 0 0.000 0 0.000 0 0 0.000 0.000

LI GZ2400 - Bradley Program (MOD) Army

FY 2016

Page 10 of 16

0.000

0.000

P-1 Line #5

0.000

0

0.000

0.000

0.000

0

														UN	CLP	SOIF	IED														
Exh	ibit P-	3A, I	ndivi	dual	Modif	fication	on: P	B 201	3 Arr	ny													I	Date	e: Feb	ruary	2012				
	ropria BA / Ba				Activi	ty / B	udge	t Sub	Acti	ivity:						encla t rograr		DD)						(Mo	dificati	on T	lomen itle, Mo m Mod	odific	ation	Num	ber):
	lels of icle Va			Affe	cted:	M2 &	M3 E	Bradle	y	Т	ype I	Modif	icatio	on: xx	(Rel	ated	RDT8	kE P	Es:						
Insta	llation:	Bradle	ey Rea	ctive A	rmor					N	ethod	of Im	olemer	ntation	: Con	tractor					Inst	allatio	n Name) :				—			
										Pric	r Yea	's		FY	2011			FY 2	012		FY	2013 I	Base		FY 2	013 O	СО		FY 20	13 Tot	al
Insta	llation	Cost								Qty (Each)		tal Cost		Qty ∃ach)		al Cost	Qty (Eac		Total (\$ A		Qty (Each)		Total Cost		Qty (Each)		otal Cost (\$ M)	(1	Qty Each)		I Cost
FY 20)17										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
To C	omplete										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
Total										2,67	76	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
										F۱	[′] 2014			FY	2015			FY 2	016		F	Y 201	17		То С	omple	ete		To	otal	
Insta	llation	Cost								Qty (Each)		tal Cost (\$ M)		Qty ∃ach)		al Cost \$ M)	Qty (Eac		Total (\$ A		Qty (Each)		Total Cost (\$ M)		Qty (Each)		otal Cost (\$ M)		Qty Each)		I Cost
All Pr	ior Yea	s									0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		2,676		0.000
FY 20)11										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
FY 20)12										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
FY 20	013										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
FY 20)14										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
FY 20)15										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
FY 20	016										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
FY 20)17										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
To C	omplete										0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		0		0.000
Total											0	0.00	0	0)	0.000		0		0.000		0	0.00	00		0	0.000		2,676		0.000
Insta	llation	Sched			_	I				I				I				ı													1
	APY	1	FY 2	2011	4	1	FY 2	2012	4	1	FY 2	2013	4	1	FY 2	2014	4	1	FY 2	2015	4	1	FY 20	016 3	4	1	FY 20	017 3	4	тс	Tot
In	2,676	0	2	-	0	0			0	-	0			-		0 0		0	-			0		0	_	0		0			2,676
Out	2,676	0	0			0			0	_	0			-	_	0 0	_	0	_			0		0	_	0		0			2,676
															'				•	•											•
Insta	llation:	BFVS	High	Priority	Improv	ement	s						olemer	ntation		tractor							n Name) :							
Inoto	llation	2004								Qty		tal Cost		Qty		al Cost	Qty		Total		Qty	2013 I	Total Cost	:	Qty		tal Cost		FY 20°	Tota	I Cost
	Ilation ior Year									(Each) 9,68		(\$ M) 0.00	- '	Each) 0	+ -	\$ <i>M</i>)	(Eac	ch) 0	(\$ Λ	0.000	(Each)	0	(\$ M) 0.00	00	(Each)	0	(\$ M) 0.000	+ ,	Each) 0		0.000
All PI	ioi real	5								5,00		0.00				0.000		٦		0.000		<u> </u>	0.00			-	0.000				0.000
	70.400	ъ.	.11 .	_	/ 1	400								LINI	∩ι Λ	COL	IED														

LI GZ2400 - Bradley Program (MOD) Army Page 11 of 16

Exhibit P-3A, Individual Modification: PB 2013 Arm
--

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A / BA 1 / BSA 20 GZ2400 - Bradley Program (MOD)

Modification Nomenclature (Modification Title, Modification Number): Bradley Program Mod - xx

Date: February 2012

Models of Systems Affected: M2 & M3 Bradley

Type Modification: xx

Related RDT&E PEs:

Vehicle Variants

Installation: BFVS High Priority Improvements	Ме	thod of Impl	ementation	Contractor		Installa	Installation Name:								
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	13 OCO	FY 201	3 Total			
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)			
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			
Total	9,684	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000			

	FY:	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	otal
Installation Cost	Qty (Each)	Total Cost (\$ M)										
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	9,684	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	9,684	0.000

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED
Page 12 of 16

Exhibit P-3A, Individual Modification: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20	P-1 Line Item Nomenclature: GZ2400 - Bradley Program (MOD)	Modification Nomenclature (Modification Title, Modification Number): Bradley Program Mod - xx

Models of Systems Affected: M2 & M3 Bradley Type Modification: xx Related RDT&E PEs:

Vehicle Variants

 Installation: BFVS High Priority Improvements
 Method of Implementation: Contractor
 Installation Name:

Installation Schedule

1113	italiation	Scrieu	uie																												
			FY:	2011			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	9,684	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,684
Ou	t 9,684	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,684

Installation: ODS Situational Awareness	Me	thod of Impl	ementation:	Contractor			Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	13 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
All Prior Years	(0.000	101	0.000	190	0.000	194	0.000	0	0.000	194	0.000
FY 2011	(0.000	0	0.000	0	0.000	58	0.000	0	0.000	58	0.000
FY 2012	(0.000	0	0.000	0	0.000	62	0.000	0	0.000	62	0.000
FY 2013	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	(0.000	101	0.000	190	0.000	314	0.000	0	0.000	314	0.000

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Cor	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	485	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	58	0.000
FY 2012	10	0.000	0	0.000	0	0.000	0	0.000	0	0.000	72	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

0

0

2033A / BA 1 / BSA 20

Vehicle Variants

GZ2400 - Bradley Program (MOD)

Modification Nomenclature(*Modification Title, Modification Number*):

0.000

0.000

0

615

0.000

0.000

Bradley Program Mod - xx

0

0

Models of Systems Affected: M2 & M3 Bradley

Type Modification: xx

0.000

0.000

0

10

Related RDT&E PEs:

0.000

0.000

Installation: ODS Situational Awareness	М	ethod of Impl	ementation	: Contractor			Installa	tion Name:				
	FY	2014	FY	2015	FY	2016	FY 2	2017	To Co	mplete	То	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

0.000

0.000

0.000

0.000

0

0

Installation Schedule

To Complete

Total

			FY 2	011			FY 2	012			FY 2	013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	25	25	25	26	47	47	48	48	78	78	79	79	2	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	615
Out	-	25	25	25	26	47	47	48	48	78	78	79	79	2	2	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	615

Installation: Program/Engineering Support	Me	ethod of Impl	ementation	: x			Installa	tion Name:				
	Prio	r Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	-	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	-	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	-	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	-	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	-	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED
Page 14 of 16

																UN	CLA	ASSII	FIED															
Exhi	bit P	-3A, I	Indiv	idι	ıal	Modif	icati	on: P	B 2	2013 A	rmy	/															ate	e: Febr	uary	2012				
App	ropri		/Bu	ıdg	et A					ub Ac								encla Progra	ture: m (MC)D)						(Мо	dification dification dley Pro	on T	itle, Mo	odific	cation	Num	ber) :
		f Sys		s A	ffe	cted:	M2 8	. МЗ Е	3rac	dley		Ту	ype N	lodifi	catio	n: xx								Rel	ate	d RDT&	ΕP	PEs:						
Instal	lation	: Progr	am/E	ngin	eeri	ing Sup	port					M	ethod	of Imp	emen	ntation	: x							Inst	allati	on Name:	:				—			
												FY	2014			FY	2015			FY	201	6		F	Y 20)17		To Co	ompl	ete	T	T	otal	
Instal	lation	Cost										Qty		I Cost	(Qty		al Cost	Qty		Te	Total Co	st	Qty		Total Cost		Qty		tal Cost		Qty		l Cost
All Pri											(Ea	ach)	0 (\$	0.000	(E	ach) 0	+ - '	(\$ M) 0.000	(Eac	<i>n)</i> 0		(\$ M) 0.	.000	(Each)	0	(\$ M) 0.000	0	(Each)	0	(\$ M) 0.000	+	(Each)		0.000
FY 20													0	0.000		0		0.000	-	0	_		.000		0	0.000	_		0	0.000	-			0.000
FY 20													0	0.000		0		0.000	-	0			.000		0	0.000	_		0	0.000	_			0.000
FY 20													0	0.000		0		0.000		0			.000		0	0.000	_		0	0.000)	0.000
FY 20													0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000)	0.000
FY 20												(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000	1)	0.000
FY 20												(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000		C)	0.000
FY 20	17											(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000	,	C)	0.000
To Co	mplet	e										(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000		C)	0.000
Total	-											(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000	,	C)	0.000
Instal	lation	Sched	dule																														_	
			F١	′ 20′	11			FY	2012	2		_	FY 2	013			FY	2014				FY 20	015			FY 20	16			FY 2	017			
	APY	1	2		3	4	1	2	3	3 4		1	2	3	4	1	2	3	4	1		2	3	4	1	2	3	4	1	2	3	4	тс	Tot
In	-	0		0	0	0	0	0		0	0	0	0	0	0	0		0 0	0		0	0	C	0 0	(0 0	0	0	0	0	C	0	0	0
Out	-	0		0	0	0	0	0		0	0	0	0	0	0	0		0 0	0		0	0	C	0 0	(0 0	0	0 0	0	0	C	0	0	0
																								1.										
Instal	lation	: Field	Upgra	ades	•								ethod	<u> </u>	emen				1							on Name:	:						_	
										-			r Years				2011		-	FY:	_				2013	Base		FY 20	_		-		13 Tot	
Instal	lation	Cost										lty ach)		Cost		Qty fach)		al Cost	Qty (Eac		'	Fotal Cos (\$ M)	st	Qty (Each)		Total Cost (\$ M)		Qty (Each)		tal Cost (\$ M)		Qty (Each)		I Cost
All Pri	or Yea	ars										(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000		C)	0.000
FY 20	11											(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000		C)	0.000
FY 20	12											(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000		C)	0.000
FY 20	13											(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000		C		0.000
FY 20													0	0.000		0		0.000		0			.000		0	0.000			0	0.000	_	C	1	0.000
FY 20													0	0.000		0		0.000		0			.000		0	0.000			0	0.000		C	1	0.000
FY 20	116											(0	0.000		0		0.000		0		0.	.000		0	0.000	0		0	0.000	,	C)	0.000

LI GZ2400 - Bradley Program (MOD) Army

UNCLASSIFIED Page 15 of 16

			UNC	CLASSIF	FIED									
Exhibit P-3A, Individual Modification: PB 2013	Army								D	ate: Feb	ruary 201	2		
Appropriation / Budget Activity / Budget Sub 2033A / BA 1 / BSA 20	Activity:		ine Item N 00 - Bradle						(/	Modificati		enclature Modification od - xx	Numbe	<i>∍r</i>)
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants	Туן	oe Modifie	cation: xx				Rel	ated I	RDT&I	E PEs:				_
Installation: Field Upgrades	Met	hod of Impl	ementation:	xx			Inst	allation	Name:	<u> </u>				_
	Prior	Years	FY 2	2011	FY :	2012	FY	2013 B	ase	FY 2	013 OCO	FY 20	13 Total	_
Installation Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)		otal Cost	Qty (Each)	Total Cos	t Qty (Each)	Total Co	
FY 2017	0	0.000	0	, ,	· ' /	(, ,	, ,	0	0.000	. /	· · · /		<u> </u>	0.0
To Complete	0	0.000	0	0.000	0	0.00	00	0	0.000	ס	0 0.	000	0 0	0.0
Total	0	0.000	0	0.000	0	0.00	00	0	0.000)	0 0.	000	0 0	0.00
	FY 2	2014	FY 2	2015	FY:	2016	F	Y 2017	7	То С	omplete	Т	otal	_
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)		otal Cost	Qty (Each)	Total Cos	t Qty (Each)	Total Co	
All Prior Years	0		0	0.000		0.00	00	0	0.000		0 0.	<u> </u>	0 0	0.00
FY 2011	0	0.000	0	0.000	0	0.00	00	0	0.000)	0 0.	000	0 0	0.00
FY 2012	0	0.000	0	0.000	0	0.00	00	0	0.000)	0 0.	000	0 0	0.00
FY 2013	300	0.000	0	0.000	0	0.00	00	0	0.000)	0 0.	000 30	0	0.00
FY 2014	0	0.000	400	0.000	0	0.00	00	0	0.000	ס	0 0.	000 40	J 0	0.0
FY 2015	0	0.000	0		560	0.00	00	0	0.000)	0 0.	56	J 0	0.00
FY 2016	0	0.000	0					600	0.000			000 60		0.00
FY 2017	0	0.000	0					0	0.000			000 10		0.00
To Complete	0	0.000	0					0	0.000					0.00
Total	300	0.000	400	0.000	560	0.00	00	600	0.000	1	01 0.	000 1,96	1 0	0.00
Installation Schedule		E)/ 00/0		E)/ 0044		E)/ 00/			5 1/ 00	40				
FY 2011 FY 2012		FY 2013	4 4	FY 2014	4 4	FY 201	_	4	FY 20			2017	- TO 1	T -
APY 1 2 3 4 1 2 3 In - 0 0 0 0 0 0 0	0 0	0 0	4 1 0 75	2 3 75 75	4 1 75 100		3 4 100 100	1	2	3 4 140	1 2 150 15	3 4 0 150 150		To
Out - 0 0 0 0 0 0 0	0 0	0 0	0 75	75 75			100 100	140		140 140			<u> </u>	_

LI GZ2400 - Bradley Program (MOD) Army UNCLASSIFIED
Page 16 of 16

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)

20: Modification Of Tracked Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : B	Program	m Elements f	or Code B Ite	ems: 060485	4 Δ	Otl	ner Related F	Program Elem	nents: 060485	54A
									1	

12 Code (Free Head), 2 Heree Head), 2		1	=						9 =		• ., .	
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,811.368	5.244	46.876	10.341	-	10.341	9.615	9.625	5.490	-	0.000	1,898.559
Less PY Advance Procurement (\$ in Millions)	16.321	-	-	-	-	-	-	-	-	-	0.000	16.321
Net Procurement (P1) (\$ in Millions)	1,795.047	5.244	46.876	10.341	-	10.341	9.615	9.625	5.490	-	0.000	1,882.238
Plus CY Advance Procurement (\$ in Millions)	16.321	-	-	-	-	-	-	-	-	-	0.000	16.321
Total Obligation Authority (\$ in Millions)	1,811.368	5.244	46.876	10.341	-	10.341	9.615	9.625	5.490	-	0.000	1,898.559
(The fol	lowing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	_	_	_	_	_	_	_	_	_	_	_	_

(The follo	(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)	-	-	-	-	-	-	-	-	-	-	-	-			

Description:

The funding profile supports all aspects of the M109A6 & M992A2 Life Cycle, to include Program Acquisition, Logistics, Engineering and in-house contractor support to the field. Additionally, it enables control of the physical and functional characteristics of items installed on both platforms (form, fit, functional), review and maintain status of proposed changes to equipment and items of supply, develop and update technical manuals and Interactive Electronic Technical Manuals (IETM), coordinate Configuration Control Board activities and actions between engineering organizations, contract specifications and evaluation of engineering change actions. The funding enables conducting technical investigation/resolution of field issues related to quality, production, reliability and obsolescence.

The PM can work to lower O&S costs and improve readiness, address quality problems with repair parts suppliers, waivers and deviations on current contracts for critical components, technical issues related to accidents or sudden increase in component failure rates as indicated by rapid and significant increases in demand rate or customer inquiries. This enables the PM to maintain contractor expertise and their ability to respond on short notice to platform issues. Contractor capabilities include, but are not limited to: collecting/analyzing data and affecting changes that increase system reliability, resolving the issue of a diminishing supplier base; conducting Root Cause Failure Analysis and Corrective action for field failures.

Item Sche	dule		Р	rior Year	rs		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	00	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost
Paladin/FAASV Modification Program - None	P3A		-	-	1,811.368	-	-	5.244	-	-	46.876	-	-	10.341	-	-	-	-	-	10.341
Total Gross/Weapon System Cost					1,811.368			5.244			46.876			10.341			-			10.341

UNCLASSIFIED Page 1 of 18

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)

20 : Modification Of Tracked Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : B						Program Elements for Code B Items: 0604854A								Other Related Program Elements: 0604854A							
				FY 2014			FY 2015			FY 2016			FY 2017		To	Comple	te		Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	
Paladin/FAASV Modification Program - None	P3A		-	-	9.615	-	-	9.625	-	-	5.490	-	-	-	-	-	0.000	-	-	1,898.559	
Total Gross/Weapon System Cost					9.615			9.625			5.490			-			0.000			1,898.559	

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

Justification:

FY13 Base Procurement dollars in the amount of \$10.341 million supports the Active Army and procures Paladin Systems Technical Support (STS), Program Office requirements, and Training Aids, Devices, Simulators and Simulations - Replacement (TADSS-R). TADSS-R improves readiness and reliability through proper crew maintenance and training for both hardware and software on the M109A6 program.

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.

UNCLASSIFIED Page 2 of 18

Paladin/FAASV Modification Program-None None Paladin/FAASV Modification Program-None None Paladin/FAASV Modification Program-None Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles Prior Years FY 2011 FY 2012 FY 2013 FY 2013 FY 2013 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 Complete Total Procurement Quantity (Each)					UNCLA	SSILIED							
Complete Control of Section Control of Sectio	Exhibit P-3A, Individual Modification: F	PB 2013 Arr	ny				Date: February 2012						
M992 FAASV Vehicles Prior Resource Summary Prior Years FY 2011 FY 2012 Base OCO Total FY 2013 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 Complete Total Procurement Quantity (Each)					(Modification Title, Modification Number): Paladin/FAASV Modification Program -								
Resource Summary Years FY 2011 FY 2012 Base OCO Total FY 2014 FY 2016 FY 2017 Complete Total Procurement Quantity (Each) -		witzer and	Type I	Modificatio	n: Unclas	sified		Re	lated RDT	&E PEs:			
Gross/Weapon System Cost (\$ in Millions)	Resource Summary		FY 2011	FY 2012				FY 2014	FY 2015	FY 2016	FY 2017	1	Total
Less PY Advance Procurement (\$ in Millions) 16.321	Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	_
Net Procurement (P1) (\$ in Millions) 1,795.047 5.244 46.876 10.341 - 10.341 9.615 9.625 5.490 - 0.000 1,882.2 Plus CY Advance Procurement (\$ in Millions) 16.321 -	Gross/Weapon System Cost (\$ in Millions)	1,811.368	5.244	46.876	10.341	-	10.341	9.615	9.625	5.490	-	0.000	1,898.559
Plus CY Advance Procurement (\$ in Millions) 16.321 0.000 16.3 Total Obligation Authority (\$ in Millions) 1,811.368 5.244 46.876 10.341 - 10.341 9.615 9.625 5.490 - 0.000 1,898.5 (The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) Initial Spares (\$ in Millions)	Less PY Advance Procurement (\$ in Millions)	16.321	-	-	-	-	-	-	-	-	-	0.000	16.321
Total Obligation Authority (\$ in Millions) 1,811.368 5.244 46.876 10.341 - 10.341 9.615 9.625 5.490 - 0.000 1,898.5 (The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) Initial Spares (\$ in Millions)	Net Procurement (P1) (\$ in Millions)	1,795.047	5.244	46.876	10.341	-	10.341	9.615	9.625	5.490	-	0.000	1,882.238
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) Initial Spares (\$ in Millions)	Plus CY Advance Procurement (\$ in Millions)	16.321	-	-	-	-	-	-	-	-	-	0.000	16.321
Initial Spares (\$ in Millions) Gross/Weapon System Unit Cost (\$ in Thousands)	Total Obligation Authority (\$ in Millions)	1,811.368	5.244	46.876	10.341	-	10.341	9.615	9.625	5.490	-	0.000	1,898.559
Gross/Weapon System Unit Cost (\$ in Thousands)	(The foli	lowing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	Isewhere.)	*	•	
Description: Funding supports modifications to the Paladin/FAASV Stowage Improvements, Training Aids, Devices, Simulators and Simulations - Replacement (TADSS-R) kits, Paladin Digital Fire Control System -	Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Funding supports modifications to the Paladin/FAASV Stowage Improvements, Training Aids, Devices, Simulators and Simulations - Replacement (TADSS-R) kits, Paladin Digital Fire Control System -	Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
	Replacement (PDFCS-R) kits, and Dynamic Refe	erence Unit Hyb	orid - Replace	ement (DRUH-	-R) kits, Syste	em Technical	Support (STS	s), and Progra	m Office Req	uirements.			

UNCLASSIFIED
Page 3 of 18

53

Exhibit P-3A, Individual Modification: PB 2013 ArmyDate: February 2012Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20P-1 Line Item Nomenclature:
GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)Modification Nomenclature
(Modification Title, Modification Number):
Paladin/FAASV Modification Program -
None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles

Type Modification: Unclassified Related RDT&E PEs:

	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
Procurement				'				1				
Prior Years Closed Mods (1)												
A Kits												
Recurring												
Prior Closed Mods	0	1,811.368	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		1,811.368		0.000		0.000		0.000		0.000		0.00
Total, Prior Years Closed Mods	0	1,811.368	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Paladin/FAASV Stowage Improvements (2)												
A Kits												
Recurring												
Stowage Improvements	0	0.000	0	0.000	450	10.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		0.000		0.000		10.000		0.000		0.000		0.00
Total, Paladin/FAASV Stowage Improvements	0	0.000	0	0.000	450	10.000	0	0.000	0	0.000	0	0.00
Paladin System Technical Support - Contr ⁽³⁾												
A Kits												
Recurring												
STS	0	0.000	0	0.000	0	3.000	0	5.709	0	0.000	0	5.70
Subtotal Recurring		0.000		0.000		3.000		5.709		0.000		5.70
Total, Paladin System Technical Support - Contr	0	0.000	0	0.000	0	3.000	0	5.709	0	0.000	0	5.70
Paladin Program Office ⁽⁴⁾												
A Kits												
Recurring												
PM Support	0	0.000	0	1.242	0	3.576	0	1.000	0	0.000	0	1.00
Subtotal Recurring		0.000		1.242		3.576		1.000		0.000		1.00
Total, Paladin Program Office	0	0.000	0	1.242	0	3.576	0	1.000	0	0.000	0	1.00
Paladin TADSS ⁽⁵⁾				<u> </u>								

LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

UNCLASSIFIED
Page 4 of 18

			UNC	LASSI	FIED										
Exhibit P-3A, Individual Modification: PB 2013 Army	у								Date:	ebruary	2012				
Appropriation / Budget Activity / Budget Sub Activity / BA 1 / BSA 20			e Item No 0 - Howitz		ature: Sp Ft 155	MM M10	09A6 (MC	DD)	Modification Nomenclature (Modification Title, Modification Number) Paladin/FAASV Modification Program - None						
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Mo	difica	ition: Und	classified	i		Re	lated RD	T&E PE	S :					
		Prior	Years	FY:	2011	FY 2	2012	FY 201	3 Base	FY 201	3 ОСО	FY 201	3 Total		
Financial Plan		Qty ach)	Total Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost		
A Kits	,-	,	(+ /	(=====)	(+ /	(===:-)	(+)	(====)	(+ /	(=====,	(+ /	(====)			
Recurring													-		
Training Devices		0	0.000	0	4.002	0	0.000	0	0.132	0	0.000	0	0.13		
Subtotal Recurring			0.000		4.002		0.000		0.132		0.000		0.13		
Total, Paladin TADSS		0	0.000	0	4.002	0	0.000	0	0.132	0	0.000	0	0.13		
Paladin Digital Fire Control System - Replacement ⁽⁶⁾															
A Kits															
Recurring															
PDFCS-R		0	0.000	0	0.000	110	15.626	10	1.795	0	0.000	10	1.79		
Subtotal Recurring			0.000		0.000		15.626		1.795		0.000		1.79		
Total, Paladin Digital Fire Control System - Replacement		0	0.000	0	0.000	110	15.626	10	1.795	0	0.000	10	1.79		
Dynamic Reference Unit Hybrid - Replacement ⁽⁷⁾															
A Kits															
Recurring															
DRUH-R		0		0		110	14.674	10		0		10	1.70		
Subtotal Recurring			0.000		0.000		14.674		1.705		0.000		1.70		
Total, Dynamic Reference Unit Hybrid - Replacement		0		0		110		10		0		10	1.70		
Total, All Modifications			1,811.368		5.244		46.876		10.341		0.000		10.34		
Procurement Cost (Procurement + Support)			1,811.368		5.244		46.876		10.341		0.000		10.34		
Total Installation Cost			0.000		0.000		0.000		0.000		0.000		0.00		
Total Cost (Procurement + Support + Installation)			1,811.368		5.244		46.876		10.341		0.000		10.34		
		FY 2	2014	FY:	2015	FY 2	2016	FY 2	2017	To Co	mplete	To	tal		
Financial Plan		Qty (ach)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost		
Procurement	(2		(* /	(200.1)	(*)	(200)	(\$/	(200.7)	(5)	(200.1)	(* /	,,	(*)		
Prior Years Closed Mods ⁽¹⁾															
1 34.0 3.0004 11.040															

UNCLASSIFIED Page 5 of 18

LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

Date: February 2012 Exhibit P-3A, Individual Modification: PB 2013 Army Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 1 / BSA 20 GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) (Modification Title, Modification Number): Paladin/FAASV Modification Program -

None

Type Modification: Unclassified Models of Systems Affected: M109 Howitzer and Related RDT&E PEs:

M992 FAASV Vehicles

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	To	tal
Financial Plan	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost	Qty (Each)	Total Cos
A Kits												
Recurring												_
Prior Closed Mods	0	0.000	0	0.000	0	0.000	0	0.000	C	0.000	0	1,811.36
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		1,811.36
Total, Prior Years Closed Mods	0	0.000	0	0.000	0	0.000	0	0.000	C	0.000	0	1,811.36
Paladin/FAASV Stowage Improvements (2)												
A Kits								-				
Recurring												
Stowage Improvements	0	0.000	0	0.000	0	0.000	0	0.000	С	0.000	450	10.00
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		10.00
Total, Paladin/FAASV Stowage Improvements	0	0.000	0	0.000	0	0.000	0	0.000	C	0.000	450	10.00
Paladin System Technical Support - Contr (3)												
A Kits												
Recurring												
STS	0	5.368	0	5.459	0	5.490	0	0.000	C	0.000	0	25.02
Subtotal Recurring		5.368		5.459		5.490		0.000		0.000		25.02
Total, Paladin System Technical Support - Contr	0	5.368	0	5.459	0	5.490	0	0.000	C	0.000	0	25.02
Paladin Program Office (4)												
A Kits												
Recurring												
PM Support	0	1.000	0	1.000	0	0.000	0	0.000	C	0.000	0	7.81
Subtotal Recurring		1.000		1.000		0.000		0.000		0.000		7.81
Total, Paladin Program Office	0	1.000	0	1.000	0	0.000	0	0.000	C	0.000	0	7.81
Paladin TADSS ⁽⁵⁾												
A Kits												
Recurring												

56

Exhibit P-3A, Individual Modification: PB 2013 ArmyAppropriation / Budget Activity / Budget Sub Activity:P-1 Line Item Nomenclature:Modification Nomenclature2033A / BA 1 / BSA 20GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)(Modification Title, Modification Number):
Paladin/FAASV Modification Program -
None

Models of Systems Affected: M109 Howitzer and Type Modification: Unclassified Related RDT&E PEs:

M992 FAASV Vehicles FY 2015 FY 2014 FY 2016 FY 2017 To Complete Total **Total Cost Total Cost Total Cost** Total Cost Total Cost Qty Qty Qty Qty Qty **Total Cost Financial Plan** (Each) (\$ M) (Each) (\$ M) (Fach) (\$ M) (Each) (\$ M) (Fach) (\$ M) (Each) (\$ M) 0.000 0.000 0.000 0.000 0.000 4.134 **Training Devices** 0 Subtotal Recurring 0.000 0.000 0.000 0.000 0.000 4.134 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 4.134 Total. Paladin TADSS Paladin Digital Fire Control System - Replacement (6) A Kits Recurring 0.000 137 PDFCS-R 1.664 1.621 0 0.000 0.000 20.706 1.664 1.621 0.000 0.000 0.000 20.706 Subtotal Recurring 8 Total, Paladin Digital Fire Control System - Replacement 0 0.000 0 0.000 0 0.000 137 1.664 1.621 20.706 Dynamic Reference Unit Hybrid - Replacement (7) A Kits Recurring 1.583 1.545 0 0.000 0.000 0.000 137 19.507 DRUH-R 1.583 Subtotal Recurring 1.545 0.000 0.000 0.000 19.507 Total, Dynamic Reference Unit Hybrid - Replacement 1.583 1.545 0.000 0.000 0.000 137 19.507 9.615 9.625 5.490 0.000 0.000 1.898.559 Total, All Modifications 9.615 9.625 5.490 0.000 0.000 1,898.559 Procurement Cost (Procurement + Support) 0.000 0.000 0.000 0.000 Total Installation Cost 0.000 0.000 9.615 5.490 0.000 0.000 1.898.559 Total Cost (Procurement + Support + Installation)

Remarks:

UNCLASSIFIED
Page 7 of 18

⁽¹⁾ Funding supports modifications to the Paladin Digital Fire Control System (PDFCS), Modular Artillery Charge System (MACS), and Gunner Protection Kits (GPKs).

⁽²⁾ Funding supports Improved Projectile Straps (CL V), Joint Chemical Agent Detector, Improved Rifle (M16)/Carbine (M4), and Precision Guided Kit (PGK) stowage.

⁽³⁾ Funding supports the Contractor Program Management and Engineering Support for managing and implementing modifications to the vehicle.

⁽⁴⁾Funding supports core and matrix support personnel necessary to execute day to day operations of the Program Management Office (PMO). Funding sustains critical engineering skills in Fire Control and Software Support (ARDEC).

⁽⁵⁾ Funding supports 40 Sets of Training Aids, Devices, Simulators and Simulations - Replacement (TADSS-R) which includes desk top maintenance and crew trainers for both hardware and software.

Exhibit P-3A, Indi	vidual Modification:	PB 2013 Army				Date: February 2012	2
Appropriation / B 2033A / BA 1 / BS/	udget Activity / Budg A 20	et Sub Activity:	P-1 Line Item No GA0400 - Howitz	menclature: er, Med Sp Ft 155MM N	1109A6 (MOD)	Modification Nome (Modification Title, M Paladin/FAASV Mod None	Modification Number):
Models of System M992 FAASV Vehi	ns Affected: M109 Ho	witzer and Typ	e Modification: Unc	lassified	Related RI	OT&E PEs:	
Control Unit (PDCU) XXI Battle Command guided munitions mis (7)DRUH-R is the sur	that are no longer manufact Brigade and Below (FBCB2 sions, and crew situational a veying system used in the N	ured, and are old, slow 1 2) functionality out of the lawareness. 1109A6 Paladin/PIM. It e	990's technology. PDFCS- PDCU into a separate JV5 electronically exchanges po	em used in Paladin/PIM. PDF R also upgrades the Paladin computing unit. PDFCS-R in positioning data with the PDFC fluction, and losing its supports	Control Unit (PCU) to pro nproves howitzer fire con S, Vehicle Motion Sensor	vide higher computing power trol processing, accuracy, exe	, and moves the Force ecution of precision
	tion: Prior Years Closed M		,	3 · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
Manufacturer Name: x				Manufacturer Location: >	(
Administrative Leadtime	e (in Months):			Production Leadtime (in	Months):		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Informa	tion: Paladin/FAASV Stow	age Improvements		1			1
Manufacturer Name: TE	3D			Manufacturer Location: 7	ГВD		
Administrative Leadtime	e (in Months): 11			Production Leadtime (in	Months): 4		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Aug 2012					
Delivery Dates		Dec 2012					
Manufacturer Informa	tion: Paladin System Tech	nical Support - Contr	·	•	•		
Manufacturer Name: x				Manufacturer Location: >	(
Administrative Leadtime	e (in Months):			Production Leadtime (in	Months):		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Informa	tion: Paladin Program Offi	ce		·	•		
Manufacturer Name: x				Manufacturer Location: >	(
Administrative Leadtime	e (in Months):			Production Leadtime (in	Months):		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							

UNCLASSIFIED
Page 8 of 18

Exhibit P-3A, Indivi	dual Modification: P	B 2013 Army									Da	te: Febru	ary 2012		
Appropriation / Bud 2033A / BA 1 / BSA	lget Activity / Budge 20	et Sub Activit	y:		ine Item N 00 - Howit				/IM M109A6	6 (MOD)	(Mo	o <i>dificatior</i> adin/FAA	n Nomencl n Title, Mod SV Modific	ification N	,
Models of Systems M992 FAASV Vehicl	Affected: M109 Hoves	vitzer and	Type I	Modific	cation: Ur	nclassifi	ed			Relate	ed RDT&E	PEs:			
Manufacturer Information	n: Paladin TADSS														
Manufacturer Name: TBD						M	anufacture	er Loca	tion: TBD						
Administrative Leadtime (in Months): 9					Pr	roduction I	Leadtin	ne (in Months)	: 12					
Dates	FY 2011	FY 201	2		FY 2013		FY	2014		FY 2015	5	FY 201	6	FY 20	17
Contract Dates					Jun 2013										
Delivery Dates					Jun 2014										
Manufacturer Information	n: Paladin Digital Fire Co	ontrol System - F	Replacem	ent					•						
Manufacturer Name: TBD						M	anufacture	er Loca	ition: TBD						
Administrative Leadtime (in Months): 7					Pr	roduction I	Leadtin	ne (in Months)	: 15					
Dates	FY 2011	FY 201	2		FY 2013		FY	2014		FY 2015	5	FY 201	6	FY 20	17
Contract Dates					Apr 2013		Dec	2013		Dec 201	4				
Delivery Dates					Jul 2014		Oct	2014		Oct 2015	5				
Manufacturer Information	n: Dynamic Reference U	nit Hybrid - Repl	acement						•						
Manufacturer Name: TBD						M	anufacture	er Loca	ition: TBD						
Administrative Leadtime (in Months): 7					Pr	roduction I	Leadtin	ne (in Months)	: 15					
Dates	FY 2011	FY 201	2		FY 2013		FY	2014		FY 2015	5	FY 201	6	FY 20	17
Contract Dates					Apr 2012		Dec	2013		Dec 201	4				
Delivery Dates					Jul 2014		Oct	2014		Oct 2015	5				
Installation: Prior Years	Closed Mods		Method	of Impl	ementation:	: x				Installa	tion Name:				
			Prior Year		FY 2			FY 2	012	FY 201		FY 201	3 OCO	FY 2013	3 Total
Installation Cost		Qt:	y Tot	tal Cost	Qty (Each)	Total Co		ity ach)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost
All Prior Years			0	0.000	0	0.	.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2011			0	0.000	0	0.	.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2012			0	0.000	0	0.	.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2013			0	0.000	0	_	.000	0	0.000	0	0.000	0	0.000	0	0.00

UNCLASSIFIED
Page 9 of 18

0.000

0.000

0

0

0

0

0.000

0.000

LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

FY 2014 FY 2015

P-1 Line #6

0.000

0.000

0

0

0.000

0.000

0.000

0.000

0.000

0

0

LINCI ASSIEIED

															ONC	LAS	ЭІГІ															
Exh	ibit P	-3A, I	ndivi	dua	Modif	fication	on: P	B 20	13 /	٩rm	у													D	ate:	Febr	uary	2012				
	ropria BA / B.			_	Activi	ty / B	udge	t Su	ıb A	ctiv	vity:					lomer zer, M			155N	1M M1	09A6	6 (MO	D)	(<i>I</i>	Modi	ficatio	on Ti	omeno tle, Mo Modifi	dificat	ion N		
	els o				ected:	M109	How	ritzei	r and	t	Ту	/pe l	Modifi	catio	n : Ur	ıclassi	fied					Re	lated	I RDT&I	E PE	s:						
Insta	llation:	Prior \	ears (Close	d Mods						Me	ethod	of Imp	lemen	tation:	x						Inst	tallatio	on Name:								
											Prio	r Yea	rs		FY 2	2011			FY 2	012		FY	2013	Base		FY 20)13 O	co	F	2013	3 Tota	<u> </u>
Insta	llation	Cost									Qty Each)		tal Cost (\$ M)		Qty ach)	Total C		Qty (Eacl		Total Co		Qty (Each)		Total Cost (\$ M)		Qty Each)		tal Cost (\$ M)	Qty (Eac		Total (\$ /	
FY 20)16										()	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
FY 20)17										(ו	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
To Co	mplete)									()	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
Total											()	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
											FY	2014			FY 2	2015			FY 2	016		ı	FY 20	17		To C	omple	ete		Tot	al	
Insta	llation	Cost									Qty ∃ach)		tal Cost		Qty ach)	Total C		Qty (Eacl		Total Co		Qty (Each)		Total Cost		Qty ∃ach)		tal Cost (\$ M)	Qty (Eac		Total (\$ /	
All Pr	ior Yea	rs									,		0.000		0		0.000		0	0	.000	. ,	0	0.000)		0	0.000	,	0		0.00
FY 20)11										()	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
FY 20)12										(ו	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
FY 20)13										()	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
FY 20)14										()	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
FY 20)15										(ס	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
FY 20)16										(ו	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
FY 20											(0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
To Co	mplete)									(0.000		0		0.000		0		.000		0	0.000			0	0.000		0		0.00
Total											-)	0.000		0		0.000		0	0	.000		0	0.000)		0	0.000		0		0.00
Insta	llation	Sched																					ı									
	APY	1	FY 2	2011	4	1	FY 2	2012		.	1	2 FY	2013	4	1	FY 20	3	4	1	FY 2	015 3	4	1	FY 201	3	4	1	FY 20		4	тс	Tot
In	AFI	0	0		0 0				0	0	0	0		0	0	0	0	0	0		0		0		0	0	0	0	0	0	0	100
Out		0	0		0 0				0	0	0	0		0	0	0	0	0	0		0				0	0	0	0	0	0	0	
Out		0	0		0 0				<u> </u>	0	0		0	o	١	۰	<u> </u>	0		0		0		, 0	<u> </u>	0			0	0	0	

UNCLASSIFIED

LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Page 10 of 18 Army

60

Exhibit P-3A, Individual Modification: PB 2013 ArmyDate: February 2012Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20P-1 Line Item Nomenclature:
GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)Modification Nomenclature
(Modification Title, Modification Number):
Paladin/FAASV Modification Program -
None

Models of Systems Affected: M109 Howitzer and Type Modification: Unclassified Related RDT&E PEs:

M992 FAASV Vehicles

Installation: Paladin/FAASV Stowage Improvements	Me	thod of Impl	ementation:	х			Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	C	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	C	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	C	0.000	0	0.000	36	0.000	216	0.000	0	0.000	216	0.000
FY 2013	C	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	C	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	C	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	C	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	C	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	C	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	C	0.000	0	0.000	36	0.000	216	0.000	0	0.000	216	0.000

	FY 2	014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	Tot	.al
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	198	0.000	0	0.000	0	0.000	0	0.000	0	0.000	450	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	198	0.000	0	0.000	0	0.000	0	0.000	0	0.000	450	0.000

UNCLASSIFIED
Page 11 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)
Paladin/FAASV Modification Program - None

None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles

Type Modification: Unclassified Related RDT&E PEs:

Installation: Paladin/FAASV Stowage Improvements Method of Implementation: x Installation Name:

Installation Schedule

- 1	mota	iution	Conca	410																												
ſ				FY:	2011			FY 2	2012			FY 2	013			FY 2	2014			FY 2	015			FY 2	016			FY 2	:017			
		APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
	In	-	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	18	0	0	0	0	0	0	0	0	0	0	0	0	0	450
	Out	-	0	0	0	0	0	0	0	36	54	54	54	54	54	54	54	36	0	0	0	0	0	0	0	0	0	0	0	0	0	450

Installation: Paladin System Technical Support - Contr	Me	thod of Impl	ementation	: N/A			Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	з осо	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

UNCLASSIFIED
Page 12 of 18

																•		A3311													
Exhi	oit P-	-3A, Ir	ndivi	dua	al Mo	odif	icati	on:	PB 2	2013	Arn	ny													Da	te: Feb	oruary	2012			
		ation / A 1 / E			t Ac	tivit	ty / E	Budg	jet S	ub /	Acti	vity:		I				mencla t r, Med S		155N	им м	109A	.6 (MO	D)	(<i>M</i>	odificat	tion Ti	l omeno tle, Mod Modifi	dificati	ion N	<i>lumber</i>): gram -
		f Syst			fect	ed:	M109	9 Ho	witze	er aı	nd	1	Гуре	Modif	icatio	on: Ur	ncl	assified					Rel	lated	RDT&E	PEs:					
Install	ation:	Paladii	n Syst	em	Techi	nical	Supp	ort - C	Contr			N	Metho	od of Imp	lemer	ntation	: N/	A					Inst	allatio	on Name:						
												F	Y 20	14		FY	201	5		FY 2	016		i	FY 20	17	То	Comple	ete		Tot	al
Install		Cost										Qty (Each)		Total Cost (\$ M)	(E	Qty Each)		otal Cost (\$ M)	Qt (Ead	ch)	Total ((\$ N	1)	Qty (Each)		Total Cost (\$ M)	Qty (Each)		tal Cost (\$ M)	Qty (Eacl	h)	Total Cost (\$ M)
FY 20													0	0.00		0	-	0.000		0		0.000		0	0.000		0	0.000		0	0.00
FY 20	16												0	0.00	-	0	-	0.000		0		0.000		0	0.000		0	0.000		0	0.00
FY 20													0	0.00		0	_	0.000		0		0.000		0	0.000		0	0.000		0	0.00
To Co	nplete	;											0	0.00		0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
Total													0	0.00)	0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
Install	ation	Schedu																													
			FY 2	2011	1			_	Y 2012	2			F`	Y 2013			F	Y 2014				2015	_		FY 2016	5		FY 20	17		
	APY	1	2	3	3	4	1	2	_	3	4	1	2	_	4	1	2	2 3	4	1	2	3	4	1	2 3		1	2	3	4	TC Tot
In	-	0	0	-	0	0	0	_	0	0	0	0	+	0 0	0		-	0 0				-	0 0	0		0 0		-	0	0	0
Out	-	0	0		0	0	0		0	0	0	0)	0 0	0	0		0 0	0	0	0	(0 0	0	0	0 0	0	0	0	0	0
		<u> </u>			0.55																		1								
Install	ation:	Paladii	n Prog	ram	1 Offic	ce								od of Imp	lemer										on Name:						
													or Ye			FY:	_			FY 2				2013			2013 O				3 Total
Install	ation (Cost										Qty (Each)		Total Cost (\$ M)	(E	Qty ∃ach)	1	otal Cost (\$ M)	Qt (Ead		Total ((\$ N		Qty (Each)		Total Cost (\$ M)	Qty (Each)		tal Cost (\$ M)	Qty (Eacl	h)	Total Cost (\$ M)
All Pri	or Year	rs											0	0.00)	0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
FY 20	11												0	0.00)	0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
FY 20	12												0	0.00)	0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
FY 20	13												0	0.00)	0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
FY 20	14												0	0.00)	0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
FY 20	15												0	0.00)	0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
FY 20	16												0	0.00)	0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
FY 20	17												0	0.00)	0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
To Co	mplete)											0	0.00		0		0.000		0		0.000		0	0.000		0	0.000		0	0.00
													0	0.00				0.000		0		0.000		0	0.000		0	0.000		0	0.00

LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

UNCLASSIFIED
Page 13 of 18

																UNC	CLAS	SIF	IED														
Exhil	bit P	-3A, I	Indiv	idu	al Mod	ifi	catio	n:	PB 2	2013	Arr	ny														ate:	Feb	ruary 2	2012				
	opri	ation	/ Bu	dg	et Activ									1			lomer zer, M			155N	ΜМ	M109A	6 (MO	D)	N (/	llodi Modi	ficat i <i>ificati</i> lin/F <i>F</i>	on No	meno e, Mo	difica	ation I	Numbe gram -	•
Mode M992					ffected	: N	<i>I</i> 109	Нс	owitz	er a	nd	Т	ype	Modifi	catio	n: Ur	ıclassi	ified					Re	late	d RDT&	E PE	Es:						
Install	ation	: Palac	din Pro	ograi	m Office							N	lethod	l of Imp	lemer	ntation	N/A						Inst	allati	ion Name:	:							
												F۱	2014	ļ.		FY 2	2015			FY 2	2016		ı	FY 20	017		То С	omplet	е		То	tal	
Install	ation	Cost										Qty (Each)		tal Cost (\$ M)	(E	Qty ach)	Total C	1)	Qty (Each	h)	((\$ M)	Qty (Each)	-	Total Cost (\$ M)	<u> </u>	Qty (Each)	(\$	Cost	(Ea	lty ach)	Total Co (\$ M))
All Pric		ars											0	0.000		0		0.000		0		0.000		0	0.000	_		0	0.000		0		0.000
FY 20 ²													0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 20 ²													0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 20 ²													0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 20 ²													0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 20 ²													0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 20 ²													0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 20 ²													0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
To Cor	mplet	9											0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
Total	lation Schedule									0	0.000	'			0.000		U		0.000		U	0.000	J		0	0.000			0	.000			
instail	ation	Sched				_	-		V 204					2042			EV 20	04.4				W 2045			FV 00	10			EV 20	47			
	APY	1	2	201	3 4	+	1	<u>г</u> 2	Y 201	3	4	4	2	2013		4	FY 20	3	4	1		Y 2015	4	1	FY 20	3	4	1	FY 20	3	4	тс т	F-4
In	AP 1	0	-	0		0	0		0	0	0	1			4	1	0	0	4	<u>'</u>	_	0 0			0 0	0	0	0	0	0	0	TC T	Γοt 0
Out	-	0	-	0		0	0		0	0	0				0		0	0		- 0	_	0 0			0 0	0	0	0	0	0	0	0	0
lastall	tallation: Paladin TADSS											-41			4-4!	NI/A						la a 4	-11-4	ion Name:									
mstan	ation	. Palac	אווו וא	טטט	1									l of Imp	lemer	FY 2		I		EV 2	2012						EV 2	013 OC	2		-V 204	3 Total	
											-	Qty	r Yea	rs tal Cost	(Qty	ZU11 Total C	Cost	Qty		_	al Cost	Qty	2013	Base Total Cost		Qty		l Cost		- Y ∠U1 lty	J Total Co	nst
Install												(Each)		(\$ M)	(E	ach)	(\$ M	1)	(Each	h)	((\$ M)	(Each)	_	(\$ M)	((Each)	(\$	M)		ach)	(\$ M))
All Pric		ars											0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 20													0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 20											-		0	0.000	-	0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 201											-		0	0.000		0		0.000		0		0.000		0	0.000			0	0.000		0		0.000
FY 20											-		0	0.000		0		0.000		0		0.000		0	0.000	_		0	0.000		0		0.000
FY 20 ²	15												0	0.000	"	0		0.000		0		0.000		0	0.000	J		0	0.000		0	0	0.000

LI GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD) Army

UNCLASSIFIED
Page 14 of 18

Exh	ibit P-	3A, Ir	ndivid	dual N	lodif	icatior	n: PB	2013	Arm	ıy													D	ate:	Feb	ruary	2012			
	ropria 3A / BA				ctivit	y / Bu	dget	Sub /	Activ	/ity:		P-1 L GA04						155M	IM M1	09A6	i (MOI	D)	(/ P	Modi	ficat	ion Ti		dificat	tion N	<i>lumber</i>): gram -
	lels of 2 FAA				ted: I	M109 I	Howit	zer aı	nd	Ty	ype N	lodifi	catio	n: Ur	nclass	sified					Rela	ated	RDT&I	E PE	s:					
Insta	llation:	Paladi	n TAD:	SS						M	ethod	of Impl	emen	tation	: N/A						Insta	ıllatioı	n Name:							
										Prio	r Year	s		FY	2011			FY 20	012		FY 2	013 B	ase		FY 2	013 O	co	F	Y 2013	3 Total
Insta	llation (Cost								Qty Each)		al Cost § M)		Qty ach)	Total (\$	Cost M)	Qty (Each		Total Co		Qty (Each)	T	otal Cost (\$ M)		Qty ∃ach)		tal Cost (\$ M)	Qty (Eac	! :h)	Total Cost (\$ M)
FY 20	016										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
FY 20	017										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
To C	omplete										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
Total											0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
										FY	2014			FY:	2015			FY 20	016		F	Y 201	7		То С	omple	ete		Tot	tal
Insta	llation (Cost								Qty Each)		al Cost		Qty ach)	Total (\$	Cost M)	Qty (Each		Total Co		Qty (Each)	T	otal Cost		Qty Each)		tal Cost	Qty (Eac		Total Cost (\$ M)
All Pr	ior Year	s									0	0.000		0		0.000	-	0	C	0.000		0	0.000)		0	0.000		0	0.00
FY 20	011										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
FY 20	012										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
FY 20	013										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
FY 20	014										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
FY 20	015										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
FY 20	016										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
FY 20											0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
To C	omplete										0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
Total											0	0.000		0		0.000		0	C	0.000		0	0.000)		0	0.000		0	0.00
Insta	llation S	Sched																												
			FY 2				FY 20				FY 2				FY 2	_			FY 2				FY 20				FY 20			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2			TC Tot
In .	-	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0		0	0	0	0	0	0	0		0	0	0
Out	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UNCLASSIFIED
Page 15 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:

GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)

Paladin/FAASV Modification Program - None

Models of Systems Affected: M109 Howitzer and Type Modification: Unclassified Related RDT&E PEs:

M992 FAASV Vehicles

Installation: Paladin Digital Fire Control System - Replacemen	nt Me	thod of Impl	ementation:	Field Retrof	ît		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)						
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	2014	FY 2	015	FY 2	2016	FY 2	2017	To Co	mplete	Tot	.al
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	30	0.000	80	0.000	0	0.000	0	0.000	0	0.000	110	0.000
FY 2013	0	0.000	10	0.000	0	0.000	0	0.000	0	0.000	10	0.000
FY 2014	0	0.000	4	0.000	5	0.000	0	0.000	0	0.000	9	0.000
FY 2015	0	0.000	0	0.000	4	0.000	4	0.000	0	0.000	8	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	30	0.000	94	0.000	9	0.000	4	0.000	0	0.000	137	0.000

UNCLASSIFIED
Page 16 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)
Paladin/FAASV Modification Program - None

None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles

Type Modification: Unclassified Related RDT&E PEs:

Installation: Paladin Digital Fire Control System - Replacement Method of Implementation: Field Retrofit Installation Name:

Installation Schedule

111	Stail	auon	Scrieu	uie																												
				FY 2	2011			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	015			FY 2	2016			FY 2	017			
		APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	тс	Tot
In		-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	32	2	2	3	2	2	2	2	0	0	0	137
Oı	ut	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	32	2		3	2	2	2	2	0	0	0	137

Installation: Dynamic Reference Unit Hybrid - Replacement	Met	thod of Impl	ementation	Field Retrof	it		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	014	FY 2	2015	FY 2	2016	FY 2	017	To Cor	nplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	30	0.000	80	0.000	0	0.000	0	0.000	0	0.000	110	0.000
FY 2013	0	0.000	10	0.000	0	0.000	0	0.000	0	0.000	10	0.000
FY 2014	0	0.000	4	0.000	5	0.000	0	0.000	0	0.000	9	0.000

UNCLASSIFIED
Page 17 of 18

Exhibit P-3A, Individual Modification: PB 2013 ArmyAppropriation / Budget Activity / Budget Sub Activity:P-1 Line Item Nomenclature:Modification Nomenclature2033A / BA 1 / BSA 20GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)(Modification Title, Modification Number):
Paladin/FAASV Modification Program -
None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles

Type Modification: Unclassified Related RDT&E PEs:

Installation: Dynamic Reference Unit Hybrid - Replacement Method of Implementation: Field Retrofit Installation Name: FY 2014 FY 2015 FY 2016 FY 2017 To Complete Total Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Qty **Total Cost Total Cost** Qty **Installation Cost** (Each) (\$ M) 0.000 0.000 0.000 0.000 FY 2015 0.000 0.000 FY 2016 0 0.000 0.000 0 0.000 0.000 0 0.000 0 0.000 FY 2017 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 1 0 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0.000 To Complete Total 30 0.000 94 0.000 0.000 0.000 0 0.000 137 0.000

Installation Schedule

ota.			u.o																												
			FY 2	2011			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	015			FY 2	016			FY 2	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	32	2	2	3	2	2	2	2	0	0	0	137
Out	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	32	2	2	3	2	2	2	2	0	0	0	137

Date: February 2012 Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GZ0410 - Paladin PIM Mod In Service

20: Modification Of Tracked Combat Vehicles

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

Program Flements for Code B Items: Other Related Program Flements:

ID Code (A=Service Ready, b=Not Service Ready):		Fiogra	III Elelliellis i	or code b itt	:III5.		Otti	ei Keialeu F	iografii Elefi	ienis.		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	17	-	17	18	18	18	36	473	580
Gross/Weapon System Cost (\$ in Millions)	-	-	-	206.101	-	206.101	260.177	302.299	297.624	471.658	5,245.280	6,783.139
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	206.101	-	206.101	260.177	302.299	297.624	471.658	5,245.280	6,783.139
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	206.101	-	206.101	260.177	302.299	297.624	471.658	5,245.280	6,783.139
(The follo	wing Resource	Summary rows	are for informa	ational purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	_	_	-	-	-	-	_	-	-	-	-

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	12,123.588	-	12,123.588	14,454.278	16,794.389	16,534.667	13,101.611	11,089.387	11.695

Description:

Paladin Integrated management (PIM) is an ACAT ID, Engineering and Manufacturing Development (EMD) Phased Acquisition Program, in Government Developmental Testing that is intended to replace the current fleet of M109 Family of Vehicles (FoV) (M109A6 Paladin and M992A2 Field Artillery Ammunition Supply Vehicle (FAASV)). PIM is an Army Modernization Program that addresses a critical capability gap created by the Non-Line of Sight-Cannon termination in June 2009; obsolescence and Size/Weight and Power (SWaP) issues in the M109 FoV current fleet. PIM integrates current Bradley Fighting Vehicle drive train and suspension items, Future Combat Systems (FCS) electric drives and system with current fleet M109 FoV fire control systems into a new chassis that better protects the force and is more survivable than the current M109 FoV. The PIM Self Propelled Howitzer (SPH) and Carrier, Amunition, Track (CAT) replaces currently fielded M109 FOV on a one for one basis, in the cannon fires battalions in Heavy Brigade Combat Teams and Echelons Above Brigade (EAB).

		_																		
Item Sche	dule		P	Prior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
GZ0410 - Paladin PIM Mod In Service	P5, P5A, P21		-	-	-	-	-	-	-	-	-	12,123.588	17	206.101	-	-	-	12,123.588	17	206.101
Total Gross/Weapon System Cost					-			-			-			206.101			-			206.101

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P48 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

FY13 Base Procurement dollars in the amount of \$206.101 million supports the Active Army and procures 17 Paladin Integrated Management (PIM) systems and non-recurring costs for the production contract. The PIM Self Propelled Howitzer (SPH) and Carrier, Amunition, Track (CAT) replaces the current M109A6 Paladin and M992A2 FAASV with a more robust platform incorporating Bradley common drive train and suspension components. The PIM is one of the Army's priority programs.

UNCLASSIFIED

Exhibit P-40, Budget Item Justification S	heet: PB 2013 Army		Date:	February 2012
Appropriation / Budget Activity / Budget 2033A: Procurement of W&TCV, Army / BA 20: Modification Of Tracked Combat Vehicl	1: Tracked Combat Vehicles / BSA	P-1 Line Item N GZ0410 - Paladi	omenclature: in PIM Mod In Service	
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B	Items:	Other Related Program	Elements:
	Program Elements for Code B		<u> </u>	

LI GZ0410 - Paladin PIM Mod In Service Army

Exhibit P-5, Cost	t An	alysis:	PB 2013	Army										l	Date: Fe	bruary 2	012		
Appropriation / E 2033A / BA 1 / BS			ivity / Bu	ıdget Sı	ub Activ	rity:	1	i ne Item 10 - Pala			Service				Name, D	ODIC):	,	<i>n Numbe</i> od In Ser	
		Resou	ırce Sun	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 201	3 OCO	FY 2013	3 Total
Procurement Quantity	(Ead	ch)							-		-		-		17		-		17
Gross/Weapon Syster	n Co	st (\$ in Mi	llions)						-		-		-		206.101		_		206.101
Less PY Advance Pro	cure	ment (\$ in	Millions)						-		_		-		-		_		
Net Procurement (P1)									-		-		-		206.101		_		206.101
Plus CY Advance Pro			Millions)						_		_		_		_		_		
Total Obligation Author									_		_				206.101				206.101
Total Obligation Autilic	officy (Ψ III IVIIIIOI		e following	Pasourca S	Cummany row	s are for in	nformational p	ournoses on	ly The corre	sponding h	udaet reaue	sts are docu	ımented els					200.101
Initial Spares (\$ in Mill	lions')	(111	e ronowing	Nesource S	uninaly 10W	s are rul III	normanonar p	-	y. THE COILE	_	augei reque		inienieu els	-				
Gross/Weapon System			in Thousan	nde)					_		_		_	12	2,123.588		_	12	2,123.588
Gross/Weapon Gyster			Prior Years			FY 2011		İ	FY 2012			Y 2013 Ba			Y 2013 OC	<u>```</u>		Y 2013 Tota	
Cost Elements († indicates the	ID	Unit Cost		Total Cost	Unit Cost		Total Cost	Unit Cost		Total Cost	Unit Cost		Total Cost		Quantity	Total Cost	Unit Cost		Total Cost
presence of a P-5A)	CD	(\$ K)	(Each)	(\$ M)	(\$ K)	(Each)	(\$ M)	(\$ K)	(Each)	(\$ M)	(\$ K)	(Each)	(\$ M)	(\$ K)	(Each)	(\$ M)	(\$ K)	(Each)	(\$ M)
Flyaway Cost	-																		
Recurring Cost SYS ENG/			_				0.000	1		0.000		_	3.928			0.000			3.928
PROG MGMT (CONTRACTOR)			_				0.000			0.000	_		3.920			0.000			3.920
SYSTEM TECHNICAL SUPPORT		-	-	-	-	-	0.000	-	-	0.000	-	-	7.897	-	-	0.000	-	-	7.897
SYS TEST & EVALUATION (CONTRACTOR)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
SYS ENG/ PROG MGMT (GOVERNMENT)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
SYS TEST & EVALUATION (GOVERNMENT)		-	-	-	-	-	0.000	-	-	0.000	-	-	1.059	-	-	0.000	-	-	1.059
TRANSPORTATION		-	-	-	-	-	0.000) -	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Total Recurring Cost				0.000			0.000	0		0.000			12.884			0.000			12.884
Non Recurring Cost									,										
PRODUCTION FACILITIZATION		-	-	-	-	-	0.000		-	0.000	-	-	23.729	-	-	0.000	-	-	23.729
Total Non Recurring Cost	!			0.000			0.000			0.000			23.729			0.000			23.729
Total Flyaway Cost				0.000			0.000	0		0.000			36.613			0.000			36.613
Hardware Cost	-																		
Recurring Cost	-				I			. 1	1					I	1				
† MANUFACTURING		-	-	-	-	-	0.000	-	-	0.000	6,840.000	17	116.279	-	-	0.000	6,840.000	17	116.279

LI GZ0410 - Paladin PIM Mod In Service Army

UNCLASSIFIED
Page 3 of 7

Exhibit P-5, Cost Analysis: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
GZ0410 - Paladin PIM Mod In Service

Item Nomenclature (Item Number, Item Name, DODIC):

GZ0410 - Paladin PIM Mod In Service

			Prior Years			FY 2011			FY 2012		E,	Y 2013 Bas	20		Y 2013 OCC	`	E\	Y 2013 Tot	al
		'	- iioi iears	•		F 1 2011			F1 2012		Г	I ZUIS DAS	5 0	Г	1 2013 000	,	Г	1 4013 101	aı
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
GOVERNMENT FURNISHED EQUIPMENT (GFE)		-	-	-	-	-	0.000	-	-	0.000	-	-	23.385	-	-	0.000	-	-	23.385
THEATRE PROVIDED EQUIPMENT		-	-	-	-	-	0.000	-	-	0.000	-	-	12.849	-	-	0.000	-	-	12.849
RECURRING PRODUCTION - OTHER		-	-	-	-	-	0.000	-	-	0.000	-	-	4.140	-	-	0.000	-	-	4.140
ENGINEERING CHANGE ORDERS		-	-	-	-	-	0.000	-	-	0.000	-	-	4.405	-	-	0.000	-	-	4.405
Total Recurring Cost				0.000			0.000			0.000			161.058			0.000			161.058
Total Hardware Cost				0.000			0.000			0.000			161.058			0.000			161.058
Support Cost					•		,	•		•				,					
FIELDING SUPPORT - OTHER		-	-	-	-	-	0.000	-	-	0.000	-	-	8.430	-	-	0.000	-	-	8.430
Total Support Cost				0.000			0.000			0.000			8.430			0.000			8.430
Gross Weapon System Cost				-			-			-			206.101			-			206.101

Remarks:

LI GZ0410 - Paladin PIM Mod In Service

Army

UN

UNCLASSIFIED
Page 4 of 7

Exhibit P-5A, Budget Procurement History and Planning: P	B 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 1 / BSA 20	GZ0410 - Paladin PIM Mod In Service	GZ0410 - Paladin PIM Mod In Service
0	Contract Method Leastion Data of Fig.	Specs

	0			Contract						Specs		
Cost Elements († indicates the presence of a P-21)	С О	FY	Contractor and Location	Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Avail Now?	Date Revsn Avail	RFP Issue Date
†MANUFACTURING		2013	BAE / York	SS / FPIF	TACOM, Warren, MI	Jul 2013	Jun 2015	17	6,840.000			

Remarks:

Ex	hibit	P-21, Budget Production Schedule: PB 2013 Army													Date: February 2012																
			on / Bu o 1 / BSA														od In S	Servic	е												
	Cost Elements (Units in Each) Fiscal Year 2015 Fiscal Year 2016 BAL Calendar Year 2015 Calendar Year 2016																														
	ACCEP I			BAL							Ca	lendar	Year 20	15								Calen	dar Yea	r 2016							
1 - 1	MFR Ref#	FY	SERVICE ²	PROC QTY	PRIOR	_	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U L	A U G	S E P	B A L
MANUFACTURING														ı				-													
	1 2013 ARMY (1) 17 0 17								-	-	-	-	-	4	4	4	4	1													
	O N D J C O E A T V C N							F E R	M A R	A P	M A	J U	J	A U	S E	0 C T	N O V	D E C	J A N	F E R	M A R	A P	M A	J J	n 1	A U G	S E				

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 1 / BSA 20	GZ0410 - Paladin PIM Mod In Service	GZ0410 - Paladin PIM Mod In Service

		PRODUC	CTION RATES (Un	its/Year)			P	s)						
MF	R					Init	ial		Reorder					
Re					ALT Prior			Total After	ALT Prior			Total After		
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1		
1	BAE - York	12	120	240	0	10	23	33	0	0	0	0		

UNCLASSIFIED Page 7 of 7

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

⁽¹⁾BASE

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

20: Modification Of Tracked Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : A		Program Elements for Code B Items: Other Related Program Elements:										
	Prior			FY 2013							То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	34	-	31	-	31	-	-	-	-	0	65
Gross/Weapon System Cost (\$ in Millions)	1,584.734	120.218	7.452	107.909	-	107.909	-	-	-	-	0.000	1,820.313
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,584.734	120.218	7.452	107.909	-	107.909	-	-	-	-	0.000	1,820.313
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,584.734	120.218	7.452	107.909	-	107.909	-	-	-	-	0.000	1,820.313
(The fo	llowing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	lsewhere.)	•		
Initial Spares (\$ in Millions)	_	_	_	_	_	_	_	_	_	_	_	_

(The following	(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)	-	3,535.824	-	3,480.935	-	3,480.935	-	-	-	-	0.000	28.005			

Description:

The M88A2 Heavy Equipment Recovery Combat Utility Lift and Evacuation System (HERCULES) is a 70 ton armored, full tracked, diesel powered recovery vehicle based on the M88A1 chassis. The hull is armored for protection against small arms fire, artillery fragments, and anti-personnel mines. The vehicle mounts a 50 caliber machine gun for self-protection. It is configured with three winches, improved spade, and improved A-frame boom which enable the vehicle to have a 35 ton lift capability and a 70 ton constant pull capability. The M88A2 HERCULES is the only recovery vehicle capable of single vehicle recovery and evacuation, of the Abrams main battle tank.

Seco	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	14	-	31	-	31
	Total Obligation Authority	51.000	7.452	107.909	-	107.909
Army National Guard	Quantity	20	-	-	-	-
	Total Obligation Authority	69.218	-	-	-	-

Item Sche	Item Schedule		Prior Years			FY 2011				FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	P5, P5A, P21	A	-	-	-	3,535.824	34	120.218	-	-	7.452	3,480.935	31	107.909	-	-	-	3,480.935	31	107.909
Total Gross/Weapon System Cost					1,584.734			120.218			7.452			107.909			-			107.909

UNCLASSIFIED
Page 1 of 8

	UNCLA	ASSIFIED	
Exhibit P-40, Budget Item Justification Sheet: PB 20	013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activi 2033A : Procurement of W&TCV, Army / BA 1 : Tracke 20 : Modification Of Tracked Combat Vehicles		P-1 Line Item Nomenclatu GA0570 - Improved Recove	re: ery Vehicle (M88A2 HERCULES)
D Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B	Items:	Other Related Program Elements:
Item Nomenclature represents Item Number, DODIC, and Item Name for the	P40A and P5; Name for the P18 and P23	; Modification Number and Modification Tit	le for the P3A; Item Number and Item Name for the P10.
Justification: FY13 procurement amount of \$107.909 million supports the procu Medium Recovery Vehicle lacks the necessary power, weight, and shortcomings. The increased winching and lifting capability accom two M88A1 Medium Recovery Vehicles to perform the necessary s	I braking ability to safely support the nmodates all Abrams variants includ	recovery of the Abrams fleet by itself	
IAW Section 1815 of the FY08 NDAA this item is necessary for usand providing military support to civil authorities.	e by the active components and reso	erve components of the Armed Force	s for homeland defense missions, domestic emergency responses,

LI GA0570 - Improved Recovery Vehicle (M88A2 HERCULES) Army

Exhibit P-5, Cost	: Ar	nalysis:	PB 2013	3 Army										I	Date: Fe	ebruary 20	012			
Appropriation / E 2033A / BA 1 / BS			ivity / Bu	udget Su	ıb Activ	ity:	1		Nomend oved Re		/ehicle (l	M88A2 H	IERCUI	LES)	V <i>ame, E</i> GA0570	n Nomenclature (Item Number, Item me, DODIC): 0570 - Improved Recovery Vehicle 88A2 HERCULES)				
		Reso	urce Sur	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 2013	осо	FY 2013	3 Total	
Procurement Quantity	(Ea	ch)							-		34		-		31		-		3	
Gross/Weapon Syster	n Co	ost (\$ in M	illions)						-	1	120.218		7.452		107.909		-		107.90	
Less PY Advance Pro		• •							-		-		-		-		-		_	
Net Procurement (P1)									-	1	120.218		7.452		107.909		-		107.90	
Plus CY Advance Pro	<u> </u>		Millions)						-		-		-		-		-			
Total Obligation Author		•							-	1	120.218		7.452		107.909		-	107.909		
			(Th	ne following	Resource Si	ummary row	s are for inf	ormational _l	purposes on	ly. The corre	sponding b	udget reques	ts are doc	umented els	ewhere.)					
Initial Spares (\$ in Mill	ions)							-		-		-		-		-		-	
Gross/Weapon Syster	n Ur	nit Cost (\$	in Thousar	nds)					-	3,5	535.824		-	3	,480.935		-	3	3,480.93	
			Prior Years	s		FY 2011			FY 2012		F'	FY 2013 Base			Y 2013 O	co	F`	Y 2013 Tot	al	
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	
Flyaway Cost	+	(+11)	(====,	(+ /	(+)	(====,)	(+ /	(+)	(==:::)	(+ /	(+ /	(==:::/	(+ /	(+/	(======	(+ /	(+)	(=====)	(+ /	
junaj ocot																				
Recurring Cost																				
• •		-	-	-	2,565.000	34	87.215	-	-	0.000	2,648.000	31	82.093	3 -	-	0.000	2,648.000	31	82.09	
Recurring Cost † Vehicle Manufacturing -		-	-	-	2,565.000	34	87.215 3.846	-	-	0.000	,	31	82.093 3.760		-	0.000	2,648.000	31		
Recurring Cost † Vehicle Manufacturing - Contractor Vehicle Manufacturing		-	-	-				-	-		-			-	-				3.76	
Recurring Cost † Vehicle Manufacturing - Contractor Vehicle Manufacturing - GFE Contractor			-	-	-	-	3.846			0.000	-	-	3.760) -	-	0.000	-	-	3.76 10.04	
Recurring Cost † Vehicle Manufacturing - Contractor Vehicle Manufacturing - GFE Contractor Engineering Program Management - Core		-	-	-	-	-	3.846	-	-	0.000	-	-	3.760	-	-	0.000		-	3.76 10.04 3.57	
Recurring Cost † Vehicle Manufacturing - Contractor Vehicle Manufacturing - GFE Contractor Engineering Program Management - Core & OGA Transportation Fielding (TPF & NET)		-	-	-	-	-	3.846 16.164 3.563 1.700 3.083	-	-	0.000 4.000 3.452 0.000 0.000	-	-	3.760 10.047 3.570 0.775 3.811	-	-	0.000 0.000 0.000 0.000	-	-	3.76 10.04 3.57 0.77 3.81	
Recurring Cost † Vehicle Manufacturing - Contractor Vehicle Manufacturing - GFE Contractor Engineering Program Management - Core & OGA Transportation		-			-	-	3.846 16.164 3.563	-	-	0.000 4.000 3.452	-	-	3.760 10.047 3.570 0.775	-	-	0.000 0.000 0.000	-	-	3.76 10.04 3.57 0.77 3.81	
Recurring Cost † Vehicle Manufacturing - Contractor Vehicle Manufacturing - GFE Contractor Engineering Program Management - Core & OGA Transportation Fielding (TPF & NET) Test (Production		-	-		-	-	3.846 16.164 3.563 1.700 3.083	-	-	0.000 4.000 3.452 0.000 0.000	-	-	3.760 10.047 3.570 0.775 3.811		-	0.000 0.000 0.000 0.000	-	-	3.76 10.04 3.57 0.77 3.81 0.00	
Recurring Cost † Vehicle Manufacturing - Contractor Vehicle Manufacturing - GFE Contractor Engineering Program Management - Core & OGA Transportation Fielding (TPF & NET) Test (Production Verification Testing) M88A1 Hull		-	-	-	-	-	3.846 16.164 3.563 1.700 3.083 0.600	-	-	0.000 4.000 3.452 0.000 0.000	-	-	3.760 10.047 3.570 0.775 3.811		-	0.000 0.000 0.000 0.000 0.000	-	-	3.76 10.04 3.57 0.77 3.81 0.00	
Recurring Cost † Vehicle Manufacturing - Contractor Vehicle Manufacturing - GFE Contractor Engineering Program Management - Core & OGA Transportation Fielding (TPF & NET) Test (Production Verification Testing) M88A1 Hull Reclamation		-	-		-	-	3.846 16.164 3.563 1.700 3.083 0.600 4.047	-	-	0.000 4.000 3.452 0.000 0.000 0.000	-	-	3.760 10.047 3.570 0.775 3.811 0.000		-	0.000 0.000 0.000 0.000 0.000	-	-	3.76(10.04' 3.57(0.77; 3.81 0.00(3.85; 107.90(107.90(

LI GA0570 - Improved Recovery Vehicle (M88A2 HERCULES) Army

UNCLASSIFIED
Page 3 of 8

Exhibit P-5, Cost Analysis: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20	P-1 Line Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	Item Nomenclature (Item Number, Item Name, DODIC): GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

Seco	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	14	-	31	-	31
	Total Obligation Authority	51.000	7.452	107.909	-	107.909
Army National Guard	Quantity	20	-	-	-	-
	Total Obligation Authority	69.218	-	-	-	-

Exhibit P-5A, Budget Procurement History and Planning: F	PB 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20	P-1 Line Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

	0			Contract						Specs		
Cost Elements († indicates the presence of a P-21)	С О	FY	Contractor and Location	Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Avail Now?	Date Revsn Avail	RFP Issue Date
†Vehicle Manufacturing - Contractor		2011	BAE Systems / York PA	SS / FFP	TACOM	Jul 2011	Jul 2012	34	2,565.000	N		Nov 2010
†Vehicle Manufacturing - Contractor		2013	BAE Systems / York PA	SS/FFP	TACOM	Mar 2013	Mar 2014	31	2,648.000	N		Nov 2012

Remarks:

UNCLASSIFIED

Exhibit	P-21	1, Budge	et Pro	oduct	ion S	ched	lule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012				
		on / Bu 1 / BSA		Activi	ty / B	udge	et Suk	Acti	vity:		P-1 L GA0						/ehicl	e (M8	8A2 H	HERC	ULE	S)	GA0	570 -	encla Impro ERCU	ved F	Recov	ery V	'ehicl	
		Cost Elem (Units in Ea								F	iscal Ye	ear 201	2									1	Fiscal Y	ear 201	3					
O C MFR O Ref#	FY	SERVICE ²	PROC	_	_	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	Year 20 J U L	12 A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
	lanufac	turing - Con																												
1	2011	ARMY	34	0	34	-	-	-	-	-	-	-	-	-	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	
1	2011	• MC	23	3 0	23	-	-	-	4	4	4	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	2011	TOTAL	57	0	57	-	-	-	4	4	4	4	4	3	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	5
1	2013	ARMY	31	0	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	31
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	

ribit P-21, Budg propriation / Bu B3A / BA 1 / BSA Cost Elen (Units in E MFR Ref # FY SERVICE icle Manufacturing - Co 2011 ARMY 2011 • MC 2011 TOTAL 2013 ARMY	ements Each PROC Ontractor 34 23	ACCEP PRIOR: TO 1 OCT	BAL DUE AS OF 1 OCT	o c T			J A N	· ·	GA0 Fiscal Y M A R	A P R	4 Ca M A Y	alendar J U N	Reco	O14 A U G	S E P	e (M8	8A2 H	D E C	J A N	5)	M A R	: Febi Nome 570 - A2 Hi ear 2015 Calend A P R	encla Impro ERCL	ture: ved F JLES	Recov	ery V	ehicle S E P
Cost Elen (Units in E MFR Ref # FY SERVICE icle Manufacturing - Co 2011 ARMY 2011 • MC 2011 TOTAL	PROC QTY Contractor 34 23 57	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	0 C T 1 - 1 - 0 C	N O V 1 - 1 - N O O	D E C 1 - 1 - D E	J A N 1 - 1 J A	1 F E B 1 - 1 - F E	GA0 Fiscal Y M A R	670 - (ear 201 A P R	4 Ca M A Y	J U N	Year 20 J L	O14 A U G	S E P	0 C T	N O V	D E C	J A N	Fi FE B 2 F	GA05 (M88 scal Ye	A2 HI ear 2018 Calence	Impro ERCU S Iar Year M A	ved F JLES 2015	Recov	A U	S E
## FY SERVICE	PROC QTY Contractor 34 23 57	PRIOR TO 1 OCT 29 23 52	DUE AS OF 1 OCT	1 - 1 - 0 C	1 - 1 - N O	1 - 1 D E	1 - 1 J A	1 - 1 - F	M A R	A P R	M A Y	J U N	J U L	A U G	3 S E	3 O C	0 V	2 D E	2 J A	F E B	M A R	Calend A P	lar Year M A	J	U	U	E
MFR Ref # FY SERVICE icle Manufacturing - Co 2011 ARMY 2011 • MC 2011 TOTAL	PROC QTY Contractor 34 23 57	PRIOR TO 1 OCT 29 23 52	DUE AS OF 1 OCT	1 - 1 - 0 C	1 - 1 - N O	1 - 1 D E	1 - 1 J A	1 - 1 - F E	2 M A	3 A P	М А Ү	J U N	J U L	A U G	3 S E	3 O C	0 V	2 D E	2 J A	2 F	M A R	A P	M A	J	U	U	E
Ref # FY SERVICE icle Manufacturing - Co 2011 ARMY 2011 • MC 2011 TOTAL	PROC QTY Contractor 34 23 57	PRIOR TO 1 OCT 29 23 52	AS OF 1 OCT 5 0 5	1 - 1 - 0 C	1 - 1 - N O	1 - 1 D E	1 - 1 J A	1 - 1 - F E	2 M A	3 A P	3 M A	3 J U	2 J U	3 A U	3 S E	3 O C	0 V	2 D E	2 J A	2 F	A R	Р	Α	U	U	U	E
2011 ARMY 2011 TOTAL	34 23 57	29 23 52	5 0 5	1 - 1 - O C	1 - 1 - N O	1 - 1 - D E	1 - 1 - J	1 - 1 - F E	2 M A	3 A P	3 M A	3 J	2 J U	3 A U	3 S E	3 O C	3 N O	2 D E	2 J A	2 F		R	Υ	N	L	G	P
2011 ARMY 2011 • MC 2011 TOTAL	34 23 57	23 52	0 5	- 1 - 0 C	- 1 - N O	- 1 - D E	- 1 - J A	- 1 - F E	2 M A	A P	M A	J	J	A U	S E	0	N O	D E	J A	F							
2011 • MC 2011 TOTAL	23 57	23 52	0 5	- 1 - 0 C	- 1 - N O	- 1 - D E	- 1 - J A	- 1 - F E	2 M A	A P	M A	J	J	A U	S E	0	N O	D E	J A	F							
2011 TOTAL	57	52	5	1 - O C	- N O	- D E	- J A	- F E	2 M A	A P	M A	J	J	A U	S E	0	N O	D E	J A	F							
2013 ARMY	31	0	31	0	N O	E	A	F	M A	A P	M A	J	J	A U	S E	0	N O	D E	J A	F							
				С	0	E	A	E	Α	P	Α	U	U	U	E	С	0	E	Α								
			Į												P						M A	A P	M A	N J	N J	A U	S E
							•	•	•	•				•			v	С	N	В	R	R	Υ	N	Ĺ	G	P

82

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20	P-1 Line Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)	Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

		PRODUC	CTION RATES (Un	its/Year)			P	ROCUREMENT LI	EADTIME (Months	s)		
MFI	र					Init	tial			Reo	rder	
Re					ALT Prior			Total After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1
1	BAE Systems - York PA	12	72	144	0	6	12	18	0	6	12	18

Remarks:

An ADM has been approved by the Milestone Decision Authority (MDA) to extend the funded delivery periods beyond the 12 month period..

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

G82925 - Assault Breacher Vehicle

5.003.900

Date: February 2012

5.028.385

0.000

6.252

20: Modification Of Tracked Combat Vehicles

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

5.389.111

4,078.526

D Code (A-Service Ready, B-Not Service Ready):		i rogiui	ii Liciliciito i	or code B itt			0	ci itciatca i	rogram Elem	ionto.		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	19	18	10	-	10	18	15	5	13	0	98
Gross/Weapon System Cost (\$ in Millions)	144.246	77.492	97.004	50.039	-	50.039	81.473	70.901	26.141	65.369	0.000	612.665
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	144.246	77.492	97.004	50.039	-	50.039	81.473	70.901	26.141	65.369	0.000	612.665
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	144.246	77.492	97.004	50.039	-	50.039	81.473	70.901	26.141	65.369	0.000	612.665
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Assault Breacher Vehicle (ABV) is a combined program with the United States Marine Corps (USMC) that is the Lead Service. It is a tracked combat engineer vehicle for the Marine Air Ground Task Force and the Army Heavy Brigade Combat Team (HBCT). It is designed to breach minefields and barrier obstacles to enable the tanks and infantry of the HBCT to maintain pace in offensive combat operations. The ABV provides crew protection and vehicle survivability equal to the M1A1 Abrams tank hull and has the speed and mobility to keep pace with the heavy maneuver force. The ABV will be assigned to engineer companies in HBCTs. Its hull is an overhauled M1A1 Abrams tank hull with modifications for its new mission. Its mission equipment includes two Linear Demolition Charge Systems (modified Mine Clearing Line Charge (MICLC) systems), interchangeable Engineer Breaching System hardware consisting of a Full Width Mine Plow and a Combat Dozer Blade, a lane marking system to automatically mark a cleared path behind the ABV, and an integrated day/night vision system.

5,003.900

Army Acquisition Objective (AAO) ABV: 171

Gross/Weapon System Unit Cost (\$ in Thousands)

Item Sche	dule		Р	rior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	se	FY	′ 2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
G82925 - Assault Breacher Vehicle	P5, P5A, P21		-	-	-	4,078.526	19	77.492	5,389.111	18	97.004	5,003.900	10	50.039	-	-	-	5,003.900	10	50.039
Total Gross/Weapon System Cost					144.246			77.492			97.004			50.039			-			50.039

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

Justification:

LI G82925 - Assault Breacher Vehicle UNCLASSIFIED

P-1 Line #9

4.526.278 4.726.733 5.228.200

	UNCL	ASSIFIED	
Exhibit P-40, Budget Item Justification Sheet: Pl	3 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Ac 2033A : Procurement of W&TCV, Army / BA 1 : Tra 20 : Modification Of Tracked Combat Vehicles		P-1 Line Item N G82925 - Assau	lomenclature: ult Breacher Vehicle
D Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B	Items:	Other Related Program Elements:
FY 2013 Base procurement dollars in the amount of \$50.039 r			Vs. The Army currently does not have the capabilities that the ABV provides. The cleared lanes for following heavy combat forces while maintaining pace with them
In accordance with Section 1815 of the FY 2008 National Defedefense missions, domestic emergency responses, and provide		iis item is necessary for	r use by the active and reserve components of the Armed Forces for homeland

LI G82925 - Assault Breacher Vehicle Army

			DD 0040						CLASS					1.	.		0.40		
Exhibit P-5, Cost	t An	alysis:	PB 2013	Army											Date: ⊢e	ebruary 2	012		
Appropriation / E 2033A / BA 1 / BS			ivity / Βι	ıdget Sı	ub Activ	ity:		ne Item I 25 - Assa			nicle				Name, L	OODIC):	•	n Numbe er Vehicl	
		Resou	urce Sur	nmary				Prior Yea	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 2013	зосо	FY 2013	3 Tota
Procurement Quantity	(Ead	ch)							-		19		18		10		-		
Gross/Weapon Syster	n Co	st (\$ in Mi	illions)						-		77.492		97.004		50.039		-		50.03
Less PY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		
Net Procurement (P1)		•	,						_		77.492		97.004		50.039		_		50.0
Plus CY Advance Pro	•		Millions)						-		_		-		_		_		-
Total Obligation Author		`							-		77.492		97.004		50.039		-		50.03
				e following	Resource S	ummary rows	are for in	formational p	urposes onl	y. The corre	sponding	budget reques	sts are docu	ımented els	ewhere.)				
Initial Spares (\$ in Mill	lions))							-		-		-		-		-		-
Gross/Weapon Syster	n Un	it Cost (\$	in Thousar	nds)					-	4,0	78.526	5,	389.111	5	,003.900		-		5,003.90
		ı	Prior Years	 S		FY 2011			FY 2012		ı	FY 2013 Bas	se	F	Y 2013 O	co	F	Y 2013 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cos	t Quantity	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost
Flyaway Cost		· ,	, ,	,,,,	,	, ,	. ,	. ,	, ,	,,,,			()	, ,	, ,	, ,	. ,	. , ,	
Recurring Cost																			
† Hardware		-	-	-	3,946.000	19	74.974	-	18	78.300	4,350.00	0 10	43.500		-	0.000	4,350.000	10	43.5
Fielding		-	-	-	-	-	1.250		-	8.000	-	-	3.222	_	-	0.000	-	-	3.2
System Engineering/ Program Management		-	-	-	-	-	0.600	-	-	4.454	-	-	2.117	-	-	0.000	-	-	2.1
Data/Technical Manuals		-	-	-	-	-	0.350	-	-	2.250	-	-	1.200	-	-	0.000	-	-	1.2
Engineering Changes		-	-	-	-	-	0.318	-	-	4.000	-	-	0.000	-	-	-	-	-	0.0
Total Recurring Cost				0.000			77.492	2		97.004			50.039			0.000			50.0
Total Flyaway Cost				0.000			77.492	2		97.004			50.039			0.000			50.0
Gross Weapon System Cost				-			77.492	2		97.004			50.039			-			50.03
Remarks:																			

LI G82925 - Assault Breacher Vehicle Army

UNCLASSIFIED Page 3 of 7

Exhibit P-5A, Budget Procurement History and Planning: P	B 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 1 / BSA 20	G82925 - Assault Breacher Vehicle	G82925 - Assault Breacher Vehicle

Cost Elements († indicates the presence of a P-21)	0 C 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Hardware		2011	Anniston Army Depot / Anniston, AL	MIPR	TACOM, Warren, MI	Aug 2011	Aug 2012	19	3,946.000	Y		
†Hardware		2012	Anniston Army Depot / Anniston, AL	MIPR	TACOM, Warren, MI	Mar 2012	Mar 2013	18	4,350.000	Y		
†Hardware		2013	Anniston Army Depot / Anniston, AL	MIPR	TACOM, Warren, MI	Feb 2013	Mar 2014	10	4,350.000	Y		

Remarks:

LI G82925 - Assault Breacher Vehicle Army

UNCLASSIFIED
Page 4 of 7

E	xhibit	P-21	, Budge	et Pr	oduct	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012				
			on / Bud 1 / BSA :		Activ	ity / B	udge	t Sub) Acti	vity:			_			enclate	t ure: er Veh	nicle							-		ature: ult Bre		er Veh	icle	
Cost Elements (Units in Each)												iscal Y	ear 201	2									F	iscal Y	ear 201	3					
						BAL			_					Ca	lendar	Year 20	12								Calend	dar Yea	r 2013				
0 0 0		FY	SERVICE [‡]	PROG	PRIOF TO 1	P DUE R AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	T U	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	JUN	JUL	A U G	S E P	B A L
На	ardware		I.		-															-											
	1	2011	ARMY (1)	19	9 0	19	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	1					
	1	2012	ARMY (2)	18	3 0	18	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	2	2	2	7
	1	2013	ARMY (3)	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Α -	-	-	-	-	-	-	-	10
			,	•	•		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

:xnit	of P-2	1, Budge	t Pro	ducti	on Sc	nedu	ııe: ⊦	'B 20	13 Ar	my													Date	e: Feb	ruary	2012	·			
		ion / Bud 1 / BSA 2		lctivii	ty / Bi	udge	t Sub	Acti	vity:					lome ult Bre		u re: er Veh	icle								n encla Assa		='	er Veh	icle	
		Cost Eleme								F	iscal Y	ear 201	4									F	iscal Y	ear 201	5					
BAL								Calendar Year 2014													Calen	dar Yea	r 2015				I			
MFI		SERVICE [‡]	PROC			O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J J	A U G	S E P	
lardwa									l							l		l			l		l				I			
1	2011	1 ARMY (1)	19	19	0																									
1	2012	2 ARMY (2)	18	11	7	2	2	1	1	1																				
1	2013	3 ARMY (3)	10	0	10	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1										
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J J	A U G	S E P	

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 1 / BSA 20	G82925 - Assault Breacher Vehicle	G82925 - Assault Breacher Vehicle

		PRODU	CTION RATES (Un	its/Year)		PROCUREMENT LEADTIME (Months)												
М	FR					Init	tial			Reo	rder							
R					ALT Prior			Total After	ALT Prior			Total After						
#	# MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1						
1	Anniston Army Depot - Anniston, AL	1	12	36	0	11	12	23	0	5	13	18						

Remarks:

LI G82925 - Assault Breacher Vehicle Army

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

⁽¹⁾Base

⁽²⁾Base

⁽³⁾BASE

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

G80571 - M88 FOV MODS

20: Modification Of Tracked Combat Vehicles

Less PY Advance Procurement (\$ in Millions)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items: Other Related Program Elements:** FY 2013 | FY 2013 | FY 2013 **Prior** To **Resource Summary** Years FY 2011 FY 2012 Base OCO Total FY 2014 FY 2015 FY 2016 FY 2017 Complete Total Procurement Quantity (Each) Gross/Weapon System Cost (\$ in Millions) 29.930 29.930 36.907 Continuing 9.105 32.483 36.469 36.962 36.897 Continuing

_

Net Procurement (P1) (\$ in Millions) 9.105 32.483 29.930 29.930 36.469 36.962 36.907 36.897 Continuina Continuina Plus CY Advance Procurement (\$ in Millions) Total Obligation Authority (\$ in Millions) 29.930 36.897 9.105 32.483 29.930 36.469 36.962 36.907 Continuing Continuing (The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) Initial Spares (\$ in Millions) _

 Initial Spares (\$ in Millions)
 <td

Description:

The M88 Fleet Modification Program applies Materiel Developer and Combat Developer approved modifications to the fielded M88 family of vehicles (FOV). These improvements include the Blue Force Tracking and the M88 FOV modifications to maintain operational readiness rates, improve vehicle safety and operation, and minimize the effects of component obsolescence. Operational Modification Kits will be procured for the M88 FOV. Specific modifications include an automatic fire extinguishing system, upgraded electrical circuit panel, improved operational and task lighting, a driver's vision enhancer for optimal night operation, enhanced vehicle diagnostics tied to the vehicle's interactive electronic technical manuals, and an improved metal cutting tool to reduce recovery time in combat situations.

				FY 2013	FY 2013	FY 2013				
Second	dary Distribution	FY 2011	FY 2012	Base	000	Total	FY 2014	FY 2015	FY 2016	FY 2017
Army Active	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	9.105	22.483	29.930	-	29.930	36.469	36.962	36.907	36.897
,	Quantity	-	-	-	-	-	-	-	-	-
Guard	Total Obligation Authority	-	10.000	-	-	-	-	-	-	-

	3																			
Item Schedule			Prior Years			FY 2011			FY 2012			FY	2013 Ba	se	FY	2013 O	co	FY 2013 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M88 FOV Field upgrade - 1	P3A		-	-	-	-	-	9.105	-	-	32.483	-	-	29.930	-	-	-	-	-	29.930
Total Gross/Weapon System Cost					-			9.105			32.483			29.930			-			29.930

UNCLASSIFIED

	0110271	0011 12 <i>D</i>		
Exhibit P-40, Budget Item Justification Sheet: PB 201	13 Army		Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity 2033A: Procurement of W&TCV, Army / BA 1: Tracked 20: Modification Of Tracked Combat Vehicles	•	P-1 Line Item Nomenclatu G80571 - M88 FOV MODS	'e:	
ID Code (A-Service Ready, R-Not Service Ready):	Program Flaments for Code B Ite	ame:	Other Related Program Flements:	

ID Code (A=Service Ready	, B=Not Service Read	ly) :				Program	Element	s for Cod	le B Items	s:			Oth	er Relate	d Prograi	n Eleme	nts:			
				FY 2014			FY 2015			FY 2016			FY 2017		To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost
M88 FOV Field upgrade - 1	P3A		-	-	36.469	-	-	36.962	-	-	36.907	-	-	36.897	-	-	-	-	-	-
Total Gross/Weapon System Cost					36.469			36.962			36.907			36.897			-			-

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

Justification:

FY13 base procurement dollars of \$29.930 million supports procurement and field installation of 157 operational modification kits. Modifications support enhancements in operational safety, crew survivability, maintainability, and network capability for the M88 fleet of vehicles.

IAW Section 1815 of the FY08 NDAA this item is necessary for use by the active components and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

UNCLASSIFIED
Page 2 of 6

				OHOLA								
Exhibit P-3A, Individual Modification: P	B 2013 Arı	ny							Date: Feb	ruary 2012)	
Appropriation / Budget Activity / Budge 2033A / BA 1 / BSA 20	t Sub Act	ivity:		tem Nome M88 FOV					(Modificat	ion Nome ion Title, M Field upgr	odification	Number):
Models of Systems Affected: M88		Type I	/lodificatio	on: 1			Re	lated RDT	&E PEs:			
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	9.105	32.483	29.930	-	29.930	36.469	36.962	36.907	36.897	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	9.105	32.483	29.930	-	29.930	36.469	36.962	36.907	36.897	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	9.105	32.483	29.930	-	29.930	36.469	36.962	36.907	36.897	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	lsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Description: Provides for labor and kit funding for M88 Operatio	nal Modificat	ion program.	These modific	cations consis	st of an auton	natic fire exting	guishing syste	em, driver's vi	sion enhance	er, LED lightin	g, exothermic	cutting

Provides for labor and kit funding for M88 Operational Modification program. These modifications consist of an automatic fire extinguishing system, driver's vision enhancer, LED lighting, exothermic cutting torch, expanded electrical distribution panel, improved stowage, and enhanced diagnostics capability. These modifications will enhance safety during operations, reduce logistics costs, and standardize equipment. Testing costs are required to verify compliance of the mod kits to contract requirements."

UNCLASSIFIED
Page 3 of 6

LI G80571 - M88 FOV MODS Army

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:

G80571 - M88 FOV MODS

M88 FOV Field upgrade - 1

Models of Systems Affected: M88	Type Modifica	ation: 1				Re	lated RD	T&E PE	5:			
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
Procurement												
M88 FOV Field Upgrades ⁽¹⁾		-										
A Kits												
Recurring												
M88 FOV Mod Kit	0	0.000	29	3.600	175	23.480	157	21.435	0	0.000	157	21.43
Production Verification Testing	0	0.000	0	5.505	0	2.600	0	2.655	0	0.000	0	2.65
Blue Force Tracking	0	0.000	0	0.000	175	6.403	157	5.840	0	0.000	157	5.84
Program Mgt	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		0.000		9.105		32.483		29.930		0.000		29.93
Total, M88 FOV Field Upgrades	0	0.000	29	9.105	350	32.483	314	29.930	0	0.000	314	29.93
Total, All Modifications		0.000		9.105		32.483		29.930		0.000		29.93
Procurement Cost (Procurement + Support)		0.000		9.105		32.483		29.930		0.000		29.93
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)		0.000		9.105		32.483		29.930		0.000		29.93

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	otal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
Procurement												
M88 FOV Field Upgrades ⁽¹⁾												
A Kits												-
Recurring												
M88 FOV Mod Kit	173	24.123	145	20.517	50	30.019	50	30.909	902	559.240	1,681	713.32
Production Verification Testing	0	2.000	0	7.000	0	1.000	0	0.000	0	0.000	0	20.76
Blue Force Tracking	173	6.546	145	5.580	50	1.957	50	1.990	902	36.621	1,652	64.93
Program Mgt	0	3.800	0	3.865	0	3.931	0	3.998	0	32.000	0	47.59
Subtotal Recurring		36.469		36.962		36.907		36.897		627.861		846.61
Total, M88 FOV Field Upgrades	346	36.469	290	36.962	100	36.907	100	36.897	1,804	627.861	3,333	846.61
Total, All Modifications		36.469		36.962		36.907		36.897		627.861		846.61

UNCLASSIFIED

94

LI G80571 - M88 FOV MODS

Army

Page 4 of 6 P-1 Line #10

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
G80571 - M88 FOV MODS

Modification Nomenclature
(Modification Title, Modification Number):
M88 FOV Field upgrade - 1

Models of Systems Affected: M88 Type Modification: 1 Related RDT&E PEs:

	FY 2	2014	FY:	2015	FY:	2016	FY	2017	То Со	mplete	To	otal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (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 Cost (Procurement + Support)		36.469		36.962		36.907		36.897		627.861		846.614
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		36.469		36.962		36.907		36.897		627.861		846.614

Remarks:

⁽¹⁾ Provides funding for components and labor for operational modifications in support of the M88 Family of Vehicles. These modifications correct or alleviate operational deficiencies, improve reliability and maintainability, reduce logistical support requirements, standardize equipment and training, and prevent injury or damage to equipment. Field installation costs are included in the contrator cost and cannot be separated. Testing costs are required to verify compliance of the mod kits to contract requirements."

Manufacturer Informa	tion: M88 FOV Field Upgrad	les					
Manufacturer Name: B	ΑE			Manufacturer Location: Y	ork,PA		
Administrative Leadtime	e (in Months): 6			Production Leadtime (in I	Months): 8		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
Delivery Dates	Nov 2011	Nov 2012	Nov 2013	Nov 2014	Nov 2015	Nov 2016	Nov 2017

Installation, MOS FOV Field Hermades		thod of Impl	ementation:	Contractor a	and Depot in	stalled in the	I	diam Namas				
Installation: M88 FOV Field Upgrades	fiel	d					instalia	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	13 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)						
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	29	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	175	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	157	0.000	0	0.000	157	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	29	0.000	175	0.000	157	0.000	0	0.000	157	0.000

UNCLASSIFIED

Date: February 2012 Exhibit P-3A, Individual Modification: PB 2013 Army Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 1 / BSA 20 G80571 - M88 FOV MODS (Modification Title, Modification Number): M88 FOV Field upgrade - 1

Related RDT&E PEs: Models of Systems Affected: M88 Type Modification: 1

Method of Implementation: Contractor and Depot installed in the Installation: M88 FOV Field Ungrades Installation Name

installation. Woo FOV Field Opgrades	liei	u					iiistaiia	uon name.				
	FY	2014	FY 2	015	FY 2	2016	FY 2	017	To Co	mplete	Tot	:al
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	29	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	175	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	157	0.000
FY 2014	173	0.000	0	0.000	0	0.000	0	0.000	0	0.000	173	0.000
FY 2015	0	0.000	145	0.000	0	0.000	0	0.000	0	0.000	145	0.000
FY 2016	0	0.000	0	0.000	50	0.000	0	0.000	0	0.000	50	0.000
FY 2017	0	0.000	0	0.000	0	0.000	50	0.000	0	0.000	50	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	902	0.000	902	0.000
Total	173	0.000	145	0.000	50	0.000	50	0.000	902	0.000	1,681	0.000

Installation Schedule

				FY 2	2011			FY 2	2012			FY 2	013			FY 2	014			FY 2	015			FY 20	016			FY 2	017			
	AP	PΥ	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-		4	8	8	9	44	44	44	43	39	39	39	40	43	43	43	44	36	36	36	37	12	12	13	13	12	12	13	13	902	1,681
Ou	t -		4	8	8	9	44	44	44	43	39	39	39	40	43	43	43	44	36	36	36	37	12	12	13	13	12	12	13	13	902	1,681

LI G80571 - M88 FOV MODS Army Page 6 of 6

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GA0700 - M1 Abrams Tank (MOD)

20: Modification Of Tracked Combat Vehicles

		То	
2015 FY 2016	FY 2017	Complete	Total
	-	-	-
18.126 449.42	2 419.271	1,993.999	8,487.129
	-	-	-
18.126 449.42	2 419.271	1,993.999	8,487.129
	-	-	-
18.126 449.42	2 419.271	1,993.999	8,487.129
ented elsewhere.)			
	-	-	-
			2015 FY 2016 FY 2017 Complete

Description:

Flyaway Unit Cost (\$ in Thousands)

Gross/Weapon System Unit Cost (\$ in Thousands)

The Abrams Tank Fleet Modification Program applies Materiel Developer and Combat Developer approved modifications to the fielded Abrams family of vehicles. Common Abrams modifications included Thermal Management System Upgrades, Vehicle Health Management, Power Train Improvement & Integration Optimization Program (i.e. Total Integrated Engine Revitalization (TIGER) and Transmission Enterprise) which provide more reliability, durability and a single standard for the vehicle's power train and Blue Force Tracking. Survivability improvements include Frontal Armor upgrades. Key safety improvements included the loaders tray modification, ammunition rack upgrades, Autoflug weldments, Counter Sniper Anti-Material Mount (CSAAM) weldments, headrest brackets, and Rear View Sensing System (RVSS).

Second	lary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017
Army Active	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	55.612	131.1	78 129.090	-	129.09	258.082	318.126	449.422	419.271
,	Quantity	-	-	-	-	-	-	-	-	-
Guard	Total Obligation Authority	174.000	-	-	-	-	-	-	-	-
Ito	em Schedule	Prior	rears	FY 2011	FY 20	12	FY 2013 Base	FY 2013 O	CO F	Y 2013 Total

Item Sch	edule		Р	rior Year	'S		FY 2011			FY 2012		FY	2013 Ba	ase	FY	2013 O	co	FY	2013 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost
Mods - 0000	P3A		-	-	4,558.349	-	-	229.612	-	-	131.178	-	-	129.090	-	-	-	-	-	129.090
Total Gross/Weapon System Cost					4,558.349			229.612			131.178			129.090			-			129.090

UNCLASSIFIED LI GA0700 - M1 Abrams Tank (MOD) Army

Page 1 of 18

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GA0700 - M1 Abrams Tank (MOD)

20: Modification Of Tracked Combat Vehicles

ID Code (A=Service Ready							Element	s for Cod	e B Items	s:			Oth	er Related	d Progran	n Elemer	nts:			
	FY 2014					FY 2015			FY 2016			FY 2017		То	Comple	te		Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
Mods - 0000	P3A		-	-	258.082	-	-	318.126	-	-	449.422	-	-	419.271	-	-	1,993.999	-	-	8,487.129
Total Gross/Weapon System Cost					258.082			318.126			449.422			419.271			1,993.999			8,487.129

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

Justification:

FY13 base procurement dollars in the amount of \$129.090 million supports the continued need to maintain the armor facility at a sustainable level and minimizes the loss of skilled labor. It also supports the field application of Data Distribution Unit (DDU)A-Kit, Blue Force Tracking 2 A-Kit, Ammo Data Link, and key safety improvements to include loaders tray modification, ammunition rack upgrades, Autoflug weldments, Counter Sniper Anti-Material Mount (CSAAM) weldments, headrest brackets, and Rear View Sensing System (RVSS). Provides funding for Embedded Diagnostics System Technical Support, Training Aids, Devices, Simulators and Simulations (TADSS), Vehicle Health Management System (VHMS) in support of the Abrams family of vehicles, and continued support of the Total Integrated Engine Revitalization (TIGER) and Transmission Enterprise programs which provide more reliability, durability and a single standard for the vehicle's power train. Government and contractor salaries to support modifications will be funded beginning in FY 2013.

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

UNCLASSIFIED
Page 2 of 18

Exhibit P-3A, Individual Modification:	PB 2013 Arr	ny							Date: Feb	ruary 2012	<u>></u>	
Appropriation / Budget Activity / Budg 2033A / BA 1 / BSA 20	et Sub Acti	vity:		tem Nome M1 Abram		OD)				,	nclature Modification	Number):
Models of Systems Affected: Abrams 7	anks	Type I	Modificatio	n: xxx			Re	lated RDT	&E PEs:			
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4,558.349	229.612	131.178	129.090	-	129.090	258.082	318.126	449.422	419.271	1,993.999	8,487.129
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4,558.349	229.612	131.178	129.090	-	129.090	258.082	318.126	449.422	419.271	1,993.999	8,487.129
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4,558.349	229.612	131.178	129.090	-	129.090	258.082	318.126	449.422	419.271	1,993.999	8,487.129
(The fo	lowing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	_	_	_	_	_	_	_	_	_	_	_	_

Description:Modifications to the Abrams program

Gross/Weapon System Unit Cost (\$ in Thousands)

UNCLASSIFIED Page 3 of 18

99

Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 1 / BSA 20 GA0700 - M1 Abrams Tank (MOD) (Modification Title, Modification Number):

Mods - 0000

Models of Systems Affected: Abrams Tanks	Type Modifica	ation: xxx				Re	lated RD	T&E PE	S :			
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	з осо	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cos						
Procurement												
Prior Year Closed Mods												
A Kits												
Recurring												
Other	0	2,737.349	0	0.000	0	0.000	0	0.000	0	0.000	0	0.0
Subtotal Recurring		2,737.349		0.000		0.000		0.000		0.000		0.00
Total, Prior Year Closed Mods	0	2,737.349	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Abrams Field Upgrades ⁽¹⁾												
A Kits												
Recurring												
Installation Kits	0	283.400	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
BFT Relocation	0	0.000	0	0.000	813	0.817	0	0.000	0	0.000	0	0.0
CROWS II A Kit w/UDIM	0	0.000	0	0.000	635	12.050	0	0.000	0	0.000	0	0.0
CROWS II Low Profile B Kit	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.0
Vehicle Health and Embedded Training	0	0.000	0	0.000	0	0.000	140	10.701	0	0.000	140	10.70
Ammunition Data Link (ADL)	0	0.000	0	0.000	0	0.000	140	13.507	0	0.000	140	13.5
Network A Kit (BFT-2 and DDU)	0	0.000	0	0.000	0	0.817	140	5.757	0	0.000	140	5.7
Safety/Operational Mods	0	0.000	0	23.450	0	3.043	0	10.853	0	0.000	0	10.8
Support Equipment and TPF	0	0.000	0	23.450	0	0.000	0	2.500	0	0.000	0	2.50
Subtotal Recurring		283.400		46.900		16.727		43.318		0.000		43.3
Total, Abrams Field Upgrades	0	283.400	0	46.900	1,448	16.727	420	43.318	0	0.000	420	43.3
Engineering Change Proposal (ECP) 1 (2)												
A Kits												
Recurring												
ECP 1 Modification Kits	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.0
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		0.0
Total, Engineering Change Proposal (ECP) 1	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Armor ⁽³⁾				,								

LI GA0700 - M1 Abrams Tank (MOD) Army

UNCLASSIFIED Page 4 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 1 / BSA 20 GA0700 - M1 Abrams Tank (MOD) (Modification Title, Modification Number):

Mods - 0000

Models of Systems Affected: Abrams Tanks	Туре	Modification: xxx	<	R	elated RDT&E PE	s:
		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 20

Models of Systems Affected: Abrams Tanks	Type Modifica	ation: xxx				Ke	Related RD1&E PES:					
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 ОСО	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cos
A Kits				'								,
Recurring												-
Installation Kits	821	526.800	0	0.000	0	0.000	0	0.000	0	0.000	0	0.0
Spare Armor Sets	0	0.000	46	56.600	0	0.000	24	24.640	0	0.000	24	24.6
Subtotal Recurring		526.800		56.600		0.000		24.640		0.000		24.6
Total, Armor	821	526.800	46	56.600	0	0.000	24	24.640	0	0.000	24	24.6
Program/Engineering Support ⁽⁴⁾												,
A Kits												
NonRecurring												
System Technical Support	0	54.900	0	2.400	0	12.499	0	4.660	0	0.000	0	4.6
Government Program Management Support	0	0.000	0	0.000	0	0.000	0	22.669	0	0.000	0	22.6
Contractor Program Management Support	0	0.000	0	0.000	0	0.000	0	2.971	0	0.000	0	2.9
Government Test Support	0	0.000	0	0.000	0	0.000	0	2.223	0	0.000	0	2.2
Subtotal NonRecurring		54.900		2.400		12.499		32.523		0.000		32.5
Total, Program/Engineering Support	0	54.900	0	2.400	0	12.499	0	32.523	0	0.000	0	32.5
Power Pack Improvement & Integration Optimization (5)												
A Kits												-
Recurring												-
Installation Kits	2,691	930.300	0	0.000	0	0.000	0	0.000	0	0.000	0	0.0
Subtotal Recurring		930.300		0.000		0.000		0.000		0.000		0.0
NonRecurring								,				,
System Technical Support	0	0.000	0	54.700	0	0.000	0	13.220	0	0.000	0	13.2
Durability Improvements	0	0.000	0	0.000	0	66.352	0	0.000	0	0.000	0	0.0
Subtotal NonRecurring		0.000		54.700		66.352		13.220		0.000		13.2
Total, Power Pack Improvement & Integration Optimization	2,691	930.300	0	54.700	0	66.352	0	13.220	0	0.000	0	13.2
Training Devices ⁽⁶⁾								,				
A Kits												
Recurring												

LI GA0700 - M1 Abrams Tank (MOD) Army

UNCLASSIFIED Page 5 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:

GA0700 - M1 Abrams Tank (MOD)

Modification Nomenclature(*Modification Title, Modification Number*):

Mods - 0000

Models of Systems Affected: Abrams Tanks Type Modification: xxx Related RDT&E PEs:

<u> </u>	7 1											
	Prior	Years	FY	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	13 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
Training Equipment Modifications	0	25.600	0	69.012	0	35.600	0	15.389	0	0.000	0	15.389
Subtotal Recurring		25.600		69.012		35.600		15.389		0.000		15.389
Total, Training Devices	0	25.600	0	69.012	0	35.600	0	15.389	0	0.000	0	15.389
Total, All Modifications		4,558.349		229.612		131.178		129.090		0.000		129.09
Procurement Cost (Procurement + Support)		4,558.349		229.612		131.178		129.090		0.000		129.090
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		4,558.349		229.612		131.178		129.090		0.000		129.090

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	nplete	To	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cos (\$ M)						
Procurement												
Prior Year Closed Mods												
A Kits												
Recurring												
Other	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2,737.34
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		2,737.34
Total, Prior Year Closed Mods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2,737.3
Abrams Field Upgrades ⁽¹⁾												
A Kits												
Recurring												
Installation Kits	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	283.40
BFT Relocation	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	813	0.8
CROWS II A Kit w/UDIM	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	635	12.05
CROWS II Low Profile B Kit	0	0.000	490	30.757	770	50.607	297	19.351	0	0.000	1,557	100.7
Vehicle Health and Embedded Training	140	9.692	420	26.270	420	27.506	280	18.179	147	11.018	1,547	103.36
Ammunition Data Link (ADL)	280	23.653	560	42.739	560	44.751	420	33.274	265	24.236	2,225	182.16
Network A Kit (BFT-2 and DDU)	280	10.428	560	18.884	560	19.730	420	14.670	265	10.685	2,225	80.97
Safety/Operational Mods	0	27.895	0	24.086	0	0.000	0	0.000	0	0.000	0	89.32

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
Page 6 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:

GA0700 - M1 Abrams Tank (MOD)

Modification Nomenclature

(Modification Title, Modification Number):

Mods - 0000

Models of Systems Affected: Abrams Tanks	Type Modification: xxx	Related RDT&E PEs:
--	------------------------	--------------------

Models of Systems Affected: Abrams Tanks	Type Modific	ation: xxx				Re	lated RL	T&E PE	S :			
	FY	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	nplete	To	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Support Equipment and TPF		0 10.607	0	9.594	0	6.619	0	6.569	0	1.039	0	60.378
Subtotal Recurring		82.275		152.330		149.213		92.043		46.978		913.184
Total, Abrams Field Upgrades	70	0 82.275	2,030	152.330	2,310	149.213	1,417	92.043	677	46.978	9,002	913.184
Engineering Change Proposal (ECP) 1 ⁽²⁾												
A Kits												
Recurring												
ECP 1 Modification Kits		0.000	0	0.000	35	205.617	45	250.083	1,467	1,899.962	1,547	2,355.662
Subtotal Recurring		0.000		0.000		205.617		250.083		1,899.962		2,355.662
Total, Engineering Change Proposal (ECP) 1		0.000	0	0.000	35	205.617	45	250.083	1,467	1,899.962	1,547	2,355.662
Armor (3)												
A Kits												
Recurring										,		
Installation Kits		0.000	0	0.000	0	0.000	0	0.000	0	0.000	821	526.800
Spare Armor Sets	7	0 80.340	70	83.014	35	42.736	25	29.864	0	0.000	270	317.194
Subtotal Recurring		80.340		83.014		42.736		29.864		0.000		843.994
Total, Armor	7	0 80.340	70	83.014	35	42.736	25	29.864	0	0.000	1,091	843.994
Program/Engineering Support (4)												
A Kits												
NonRecurring												
System Technical Support		0 30.044	0	31.035	0	36.698	0	35.902	0	35.734	0	243.872
Government Program Management Support		0 18.446	0	18.890	0	4.041	0	3.954	0	3.935	0	71.935
Contractor Program Management Support		0 1.927	0	1.969	0	0.000	0	0.000	0	0.000	0	6.867
Government Test Support		0 11.275	0	6.496	0	6.794	0	6.647	0	6.616	0	40.051
Subtotal NonRecurring		61.692		58.390		47.533		46.503		46.285		362.725
Total, Program/Engineering Support		0 61.692	0	58.390	0	47.533	0	46.503	0	46.285	0	362.725
Power Pack Improvement & Integration Optimization ⁽⁵⁾												
A Kits												
Recurring												

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
Page 7 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
GA0700 - M1 Abrams Tank (MOD)

Modification Title, Modification Number):
Mods - 0000

									IVIOUS -	- 0000			
Models of Systems Affected: Abrams Tanks	Туре	Modifica	ation: xxx				Re	lated RD	T&E PE	s:			
	·	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Cor	nplete	Tot	tal
Financial Plan		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost								
Installation Kits		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,691	930.30
Subtotal Recurring			0.000		0.000		0.000		0.000		0.000		930.30
NonRecurring					,				,				
System Technical Support		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	67.92
Durability Improvements		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	66.35
Subtotal NonRecurring			0.000		0.000		0.000		0.000		0.000		134.27
Total, Power Pack Improvement & Integration Optimization		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,691	1,064.57
Training Devices ⁽⁶⁾													
A Kits													
Recurring													
Training Equipment Modifications		0	33.775	0	24.392	0	4.323	0	0.778	0	0.774	0	209.64
Subtotal Recurring			33.775		24.392		4.323		0.778		0.774		209.64
Total, Training Devices		0	33.775	0	24.392	0	4.323	0	0.778	0	0.774	0	209.64
Total, All Modifications			258.082		318.126		449.422		419.271		1,993.999		8,487.12
Procurement Cost (Procurement + Support)			258.082		318.126		449.422		419.271		1,993.999		8,487.12
Total Installation Cost			0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)			258.082		318.126		449.422		419.271		1,993.999		8,487.12

Remarks:

(3) Armor is provided by the Department of Energy (DOE). The armor facility must be maintained at a sustainable level to maintain the industrial base and minimize the loss of skilled labor. The additional Armor packages will be used as spares, war reserve stock, and to pure fleet the tanks in the latest armor configuration when an old version tank is overhauled by the depot.

UNCLASSIFIED

⁽¹⁾ Provides funding for components and labor for required safety and other field related modifications. These modifications correct or alleviate operational deficiencies, improve reliability and maintainability, correct faulty performance or quality, reduce logistical support requirements, standardize equipment and training devices, prevent injury or damage to equipment, and meet environmental protection standards identified during testing, training exercises or in combat. Field modifications include Blue Force Tracking (BFT) relocation, BFT 2 A-Kit and Data Distribution Unit (DDU) A-Kit, Vehicle Health Management System (VHMS) with Embedded Training, and modifications to the CROWS system to lower its profile to improve views of the battlefield. Lethality improvements include Ammunition Data Link (ADL). Installation of hardware is generally conducted on a unit-by-unit basis by several field modification teams and is subject to availability.

⁽²⁾ Funding for Engineering Change Proposal (ECP) 1 includes the procurement and application of Army Directed requirements and Space Weight And Power (SWAP-C) buyback components during the Recapitalization (RECAP) of the Abrams tank. Each vehicle will be overhauled to a zero hour/zero mile condition, then assembled with the procurement of the following hardware: Joint Tactical Radio System Handheld Manpack Small Form Fit (JTRS HMS) A-Kit; Power Generation/Distribution including Battery Monitoring System (BMS), 1000 Amp Alternator, and Slip Ring; Counter Remote Controlled Improvised Explosive Device Electronic Warfare (CREW) III Integration; Ammo Data Link (ADL) to enable firing of programmable munitions; and Under Armor Auxiliary Power Unit (UAAPU). This effort also includes the application of Next Generation Armor. Procurement of Long Lead Material (LLM) will begin in FY 2016. Induction for RECAP will begin in 1Q FY 2017 with final assembly will beginning in 3Q FY 2017.

			UNC	_ASSIFIED			
Exhibit P-3A, Indiv	ridual Modification: P	PB 2013 Army				Date: February 201	2
Appropriation / Bu 2033A / BA 1 / BSA	dget Activity / Budge 20	et Sub Activity:	P-1 Line Item No GA0700 - M1 Abr			Modification Nome (Modification Title, I Mods - 0000	enclature Modification Number):
Models of Systems	s Affected: Abrams Ta	anks Type	Modification: xxx		Related RD	T&E PEs:	
Command (TACOM), to support the governm (5)This modification is standard for vehicle's (AGT) 1500 Engine Oo the field to prevent the Honeywell's previously (6)Provides funding for configuration/capabiliti Lesson modifications, under the Phase 1 Mo	Army Research & Development fielding teams. intended to reduce the Ope power train. This mod will by verhaul line for vehicle produce engine from deteriorating any developed work instruction. Training Aids, Devices, Sinies. TADSS include Mainter Abrams Common Software dernization [Mod 2] section	rating and Support (O&S) be used to continue durabil uction/reset. FY13 TIGER and to optimize the engines of for the AGT 1500 engine mulators and Simulations (nance Trainers, Gunnery Library modifications and beginning in FY 2017. Inc	cost of the Abrams Tankity improvements and te STS is required for Fields durability. In addition, overhaul. TADSS) in support of the Trainer Tech Refresh, CI Through Sight Video (TS	contractor and government prosites, as well as the Team Armon a power train. It will equip the Ach insertion to improve fuel cord Service Engineers (FSEs) to a the Electronic Maintenance Open Abrams family of vehicles. Sose Combat Tactical Trainer (CSV). Contractor dates will vary ineering for hardware and software.	or Partnership (TAP) wan Abrams fleet with more rensumpution. The TIGER allow Honeywell's experiverations and Tooling (EN ystem training devices a CCTT) Tech Refresh, Coby item and cannot be p	rehouse and Special Tools & eliability/durability and will program supports the Abra enced engineers to perform MOT) Licensing is required to required to require to provide the required to remain curren mmon Drivers Trainer Upgraredicted. TADDS requirements	a Test Equipment (ST&TE) ovide a single overhaul ms Advanced Gas Turbine specific repair tasks in o allow ANAD the use of t with upgraded fleet ades, Desktop Trainer nts are also captured
	rices, and field installation at ion: Prior Year Closed Mod						
Manufacturer Name: x				Manufacturer Location: x			
Administrative Leadtime	(in Months):			Production Leadtime (in N	Months):		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011						
Delivery Dates	Sep 2011						
Manufacturer Informati	ion: Abrams Field Upgrade	es	1		1		<u>'</u>
Manufacturer Name: Var	rious			Manufacturer Location: Va	arious		
Administrative Leadtime	(in Months):			Production Leadtime (in N	Months):		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Informati	ion: Engineering Change I	Proposal (ECP) 1	•	•	•	•	'
Manufacturer Name: X				Manufacturer Location: X			
Administrative Leadtime	(in Months):			Production Leadtime (in N	Months):		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Informati	ion: Armor						
Manufacturer Name: De	partment of Energy			Manufacturer Location: Va	arious		

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
Page 9 of 18

Exhibit P-3A, Indivi	dual Modification: PE	3 2013 Army							Da	ite: Febru	ary 2012		
Appropriation / Bud 2033A / BA 1 / BSA	dget Activity / Budget 20	Sub Activity:		ne Item No 00 - M1 Abra					(M		n Nomenc n Title, Mod		Number):
Models of Systems	Affected: Abrams Tai	nks Typ	e Modific	ation: xxx				Relate	d RDT&E	PEs:			
Manufacturer Information	on: Armor	ı						1					
Administrative Leadtime	(in Months): 3				Produc	tion Leadtin	ne (in Months	s): 18					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015		FY 20 ⁻	16	FY 20)17
Contract Dates				Jan 2013		Jan 2014		Jan 2015	5	Jan 20	16	Jan 20	017
Delivery Dates				Jan 2014		Jan 2015		Jan 2016	;	Jan 20	17	Jan 20	018
Manufacturer Information	on: Program/Engineering S	Support											
Manufacturer Name: x					Manufa	acturer Loca	ation: x						
Administrative Leadtime	'in Months):				Produc	tion Leadtin	ne (in Months	s):					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015		FY 20	16	FY 20)17
Contract Dates	Sep 2011												
Delivery Dates	Sep 2011												
Manufacturer Information	n: Power Pack Improveme	ent & Integration Opt	imization										
Manufacturer Name: Hon	eywell and Allison				Manufa	acturer Loca	tion: Phoenix	c, AZ and Inc	lianapolis, IN				
Administrative Leadtime	'in Months): 5				Produc	tion Leadtin	ne (in Months	s):	-				
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015		FY 20 ⁻	16	FY 20)17
Contract Dates				Mar 2013									
Delivery Dates				Mar 2013									
Manufacturer Information	on: Training Devices		'		'		'						
Manufacturer Name: PEC	Simulation, Training, and Ir	nstrumentation			Manufa	acturer Loca	tion: Orlando	, FL					
Administrative Leadtime	(in Months):				Produc	tion Leadtin	ne (in Months	s):					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015		FY 20	16	FY 20)17
Contract Dates	Mar 2011	Mar 2012		Mar 2013		Mar 2014		Mar 2015	5	Mar 20	16	Mar 2	017
Delivery Dates													
Installation: Prior Year C	Closed Mods	Met	hod of Imple	mentation: x				Installa	tion Name:				
		Prior \	.	FY 201	11	FY 2	2012	FY 2013		FY 201	3 OCO	FY 201	3 Total
Installation Cost		Qty (Each)	Total Cost (\$ M)		Total Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
All Prior Years		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
Page 10 of 18

oit P-	3A, I	ndivi	dua	l Modi	fication	on: P	B 20	13 Arı	my													D	ate: F	ebru	ary 2	2012			
				Activi	ty / B	udge	t Sul	b Act	ivity:				-	-		-	DD)	_				(/	/lodifi	catio	n Title			Num	ber)
els of	Syst	tems	Aff	ected:	Abra	ms Ta	anks		T	ype l	Modifi	catio	n: xx	X						Rel	ated	RDT&E	PEs	:					
ation:	Prior \	ear C	lose	d Mods					М	ethor	l of Imp	lement	tation:	x						Insta	allatio	n Name							_
<u> </u>	1 1101		.000														FY 2	012					F	Y 201	13 OC	0	FY 20	13 Tot	tal
ation (Cost								Qty (Each)	То	tal Cost	Q (Ea	ity	Total (,	Total Co		Qty (Each)	-		Q	ty	Tota	I Cost	Qty	Tota	al Cost
13										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000)	0.00
14										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000)	0.00
15										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000)	0.00
16										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000)	0.00
17										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000)	0.00
nplete										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000		ס	0.00
										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000		ס	0.00
									FY	2014	ļ.		FY 2	2015			FY 2	016		F	Y 201	7		To Coi	mplet	е	Т	otal	
ation (Cost								Qty (Each)											Qty (Each)	1	Total Cost					Qty (Each)		al Cost \$ M)
or Year	s									0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000)	0.00
11										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000	ı)	0.00
12										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000	1)	0.00
13										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000)	0.00
14										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000		ס	0.00
15										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000		ס	0.00
16										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000		ו	0.00
17											0.000		0		0.000		0	0	.000		0	0.000		0		0.000		-	0.00
nplete										-			0		0.000		0				0	0.000							0.00
										0	0.000		0		0.000		0	0	.000		0	0.000		0		0.000		וס	0.00
ation	Sched																												
ADV	4		_		4		_	4	4			4	4			4	_			4	4	_		4	4			т.	Tai
				_				+	_		_	-						_	-										Tot
			_					_																					
-	0	0		0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0 0
	ation (ation (at	opriation A / BA 1 / I els of System ation: Prior N ation Cost II	opriation / Buc A / BA 1 / BSA : els of Systems ation: Prior Year C ation Cost 13 14 15 16 17 mplete ation Cost or Years 11 12 13 14 15 16 17 mplete ation Schedule FY: APY 1 2 - 0 0	opriation / Budget A / BA 1 / BSA 20 els of Systems Aff ation: Prior Year Closed ation Cost 13 14 15 16 17 mplete ation Cost or Years 11 12 13 14 15 16 17 mplete ation Schedule FY 2011 APY 1 2 3 - 0 0 0	opriation / Budget Activit A / BA 1 / BSA 20 els of Systems Affected: ation: Prior Year Closed Mods ation Cost 13 14 15 16 17 mplete ation Cost 19 11 12 13 14 15 16 17 mplete ation Schedule FY 2011 APY 1 2 3 4 - 0 0 0 0 0 0	opriation / Budget Activity / BA / BA 1 / BSA 20 els of Systems Affected: Abrai ation: Prior Year Closed Mods ation Cost 13 14 15 16 17 mplete ation Cost 19 11 12 13 14 15 16 17 mplete ation Schedule FY 2011 APY 1 2 3 4 1 - 0 0 0 0 0 0 0	opriation / Budget Activity / Budget A / BA 1 / BSA 20 els of Systems Affected: Abrams Taleation: Prior Year Closed Mods ation Cost 13 14 15 16 17 mplete ation Cost 17 17 mplete The prior Years 11 12 13 14 15 16 17 mplete The prior Years 11 11 12 13 14 15 16 17 mplete The prior Years 11 11 12 13 14 15 16 17 mplete The prior Years 11 17 18 19 19 10 10 11 11 11 12 11 12 13 14 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	opriation / Budget Activity / Budget Sul A / BA 1 / BSA 20 els of Systems Affected: Abrams Tanks ation: Prior Year Closed Mods ation Cost 13 14 15 16 17 mplete ation Cost 17 mplete ation Schedule FY 2011 FY 2012 APY 1 2 3 4 1 2 3 - 0 0 0 0 0 0 0 0 0 0 0	opriation / Budget Activity / Budget Sub Act A / BA 1 / BSA 20 els of Systems Affected: Abrams Tanks ation: Prior Year Closed Mods ation Cost 13 14 15 16 17 mplete ation Cost 17 17 18 19 19 10 10 11 11 12 13 14 15 16 17 17 18 19 19 10 10 11 11 12 13 14 15 16 17 18 19 19 10 10 11 11 12 13 14 14 15 16 17 18 18 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	Prior Prio	Prior Year Closed Mods Method	P-1 L GA07 A / BA 1 / BSA 20 P-1 L GA07 GA07	P-1 Line It	P-1 Line Item N GA0700 - M1 Al A	P-1 Line Item Nome GA0700 - M1 Abrams A / BA 1 / BSA 20 Bls of Systems Affected: Abrams Tanks Type Modification: xxx	P-1 Line Item Nomenclate GA0700 - M1 Abrams Tanks P-1 Line Item Nomenclate GA0700 - M1 Abrams Tanks Systems Affected: Abrams Tanks Type Modification: xxx	P-1 Line Item Nomenclature: GA0700 - M1 Abrams Tank (MC)	P-1 Line Item Nomenclature: GA0700 - M1 Abrams Tank (MOD)	P-1 Line Item Nomenclature: GA0700 - M1 Abrams Tank (MOD) Sels of Systems Affected: Abrams Tanks Type Modification: xxx	P-1 Line Item Nomenclature: GA0700 - M1 Abrams Tank (MOD) Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Tank Method of Implementation: XXX Sels of Systems Affected: Abrams Affected: Abrams	P-1 Line Item Nomenclature: GA0700 - M1 Abrams Tank (MOD) GA0700 - M1 Abrams Tank (MOD)	P-1 Line tem Nome-clature: GA9700 - M1 Abrams Tank (MOD) Sels of Systems Affected: Abrams Tank T	P-1	No contact Sudget Activity Budget Sub Activity GA0700 - M1 Abrams Tank (MOD)	P-1 Line Item Nomenclature: GA0700 - M1 Abrams Tank (MOD) Modification Modification	Part Part	P-1 Line	Part Part	P-1

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
Page 11 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature:

2033A / BA 1 / BSA 20

GA0700 - M1 Abrams Tank (MOD)

Date: February 2012

Modification Nomenclature

(Modification Title, Modification Number):

Mods - 0000

Models of Systems Affected: Abrams Tanks Type Modification: xxx Related RDT&E PEs:

Installation: Abrams Field Upgrades	Me	thod of Impl	ementation:	Various			Installa	tion Name:				•
	Prior	Years	FY 2	2011	FY 2	012	FY 201	3 Base	FY 201	13 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)						
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
Page 12 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
GA0700 - M1 Abrams Tank (MOD)

Modification Nomenclature
(Modification Title, Modification Number):
Mods - 0000

Models of Systems Affected: Abrams Tanks Type Modification: xxx Related RDT&E PEs:

Installation: Abrams Field Upgrades Method of Implementation: Various Installation Name:

Installation Schedule

- 12																																
				FY:	2011			FY 2	2012			FY 2	013			FY 2	2014			FY 2	015			FY 2	016			FY 2	2017			
		APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
I	ln	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Out	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Installation: Engineering Change Proposal (ECP) 1	Me	thod of Impl	ementation:	Х			Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	35	0.000	0	0.000	35	0.000

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
Page 13 of 18

pprop 033A lodels stallati	pria / BA s of	tion /	Bud BSA	iget 2									1.												Dat	e: Febru	uary 2012		
033A lodels estallati	BA	1 / E	3SA	20	Acti	ivity	/ Bu	udge	t Sul	о А с	ctivit	hv																	
stallati stallati			ems	Δffe								Ly.					lomei brams		u re: < (MO	D)					(Mo		n Nomeno n Title, Mo 0		Number)
ıstallati	ion:	Engine		Allo	cte	d: Al	bran	ns Ta	ınks			Ту	ре М	odific	catio	n: xx	X						Relat	ed RD	T&E F	PEs:			
ıstallati			erina	Chan	ne Pi	ronos	al (F	CP) 1		_		Me	ethod o	of Impl	emen	tation:	X						Installa	ation Na	me.				
			, cg	0	,	0000		. , .		$\overline{}$			2014	·p.		FY 2				FY 20	016			2017		To Co	mplete	To	tal
		24									Qt	ty	Total	l Cost		lty	Total (Qty		Total Co		Qty	Total C		Qty	Total Cost	Qty	Total Cost
1 2017		Jost								\dashv	(Ead	ch)		<i>M)</i>	(Ea	ach) 0	(\$ N	0.000	(Each	0	(\$ M)	0.000	(Each)	(\$ M	0.000	(Each)	(\$ M)	(Each)	(\$ M) 0.00
o Comp					—	—	—			+				0.000		0		0.000		0		0.000	0	-	0.000	1,467		1,467	0.00
otal	Jiele				—					+				0.000		0		0.000		0		0.000	35		0.000	1,512		1,547	0.00
stallati	ion S	Schedi	ule									_																	
			FY	2011		\Box		FY 2	2012				FY 20	013			FY 2	014			FY 2	015		FY	2016		FY 20	17	
A	PY	1	2	3	4		1	2	3	4		1	2	3	4	1	2	3	4	1	2	3	4	1 2	3	4	1 2	3 4	TC To
	-	0	0	О	,	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0 0	0 0	15 20	1,512 1,54
ut ·	-	0	0	0	<u>, </u>	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 (0	0 0	0 0	1,547 1,54
stallati	ion:	Armor			—	—	—			—		Ме	ethod o	of Impl	emen	tation:	X						Installa	ation Na	me:				
										\Box			Years			FY 2				FY 20)12		FY 20	13 Base		FY 20	13 OCO	FY 201	3 Total
stallati	ion (Cost									Qt (Ead			Cost		lty ach)	Total (Qty (Each	,)	Total Co		Qty (Each)	Total C		Qty (Each)	Total Cost	Qty (Each)	Total Cost
Il Prior \	Year	'S								\top		821	<u> </u>	0.000	<u> </u>	0		0.000	•	0		0.000	0	+ '	0.000	0		0	0.00
Y 2011												C)	0.000		0		0.000		0	0	0.000	0		0.000	0	0.000	0	0.00
Y 2012												C)	0.000		0		0.000		0	0	0.000	0		0.000	0	0.000	0	0.00
Y 2013												C)	0.000		0		0.000		0	0	0.000	0		0.000	0	0.000	0	0.00
Y 2014												C)	0.000		0		0.000		0	0	0.000	0		0.000	0	0.000	0	0.00
Y 2015												C)	0.000		0		0.000		0	0	0.000	0		0.000	0	0.000	0	0.00
Y 2016												C		0.000		0		0.000		0		0.000	0		0.000	0		0	0.00
Y 2017										_		C		0.000		0		0.000		0		0.000	0		0.000	0		0	0.00
o Comp	olete									_		0		0.000		0		0.000		0		0.000	0		0.000	0		0	0.00
ාtal										\perp		821	I	0.000		0		0.000		0	0	0.000	0		0.000	0	0.000	0	0.00
												FY	2014			FY 2	2015			FY 20)16		FY	2017		То Со	mplete	To	tal
		Cost								T	Qt (Eac			Cost		ity ach)	Total (Qty (Each	,	Total Co		Qty (Each)	Total C		Qty (Each)	Total Cost	Qty (Each)	Total Cost
ıstallati	ion (+		C	· ·	0.000	,_,	0	(4.1	0.000	,,	0		0.000	0		0.000		1 1	821	0.00
ı stallati II Prior `		s																		0		0.000			0.000		1		0.00
otal		Cost									Qt (Eac	t y ch)	2014 Total	M)		ity ach)		1)		0	7016 Total Co (\$ M)	0.000	Qty (Each)	2017 Total C (\$ M	0.000	Q	To Co ty ach)	0 (\$ M) 0 0.000	To Complete To ty Total Cost Qty cch) (\$M) (Each)

LI GA0700 - M1 Abrams Tank (MOD) Army

UNCLASSIFIED Page 14 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 1 / BSA 20

P-1 Line Item Nomenclature:
GA0700 - M1 Abrams Tank (MOD)

Modification Nomenclature
(Modification Title, Modification Number):
Mods - 0000

Models of Systems Affected: Abrams Tanks Type Modification: xxx Related RDT&E PEs:

Installation: Armor	Me	thod of Impl	ementation	: X			Installa	tion Name:				
	FY	2014	FY 2	2015	FY 2	2016	FY	2017	To Co	nplete	To	otal
Installation Cost	Qty (Each)	Total Cost (\$ M)										
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	821	0.000

Installation Schedule

			FY	2011			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	016			FY 2	2017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	тс	Tot
In	821	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	821
Out	821	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	821

Installation: Program/Engineering Support	Me	thod of Impl	ementation:	Х			Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
Page 15 of 18

Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 1 / BSA 20 GA0700 - M1 Abrams Tank (MOD) (Modification Title, Modification Number): Mods - 0000 Models of Systems Affected: Abrams Tanks Type Modification: xxx Related RDT&E PEs: Method of Implementation: x Installation: Program/Engineering Support Installation Name: FY 2014 FY 2015 FY 2016 FY 2017 To Complete Total Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Qtv **Total Cost** Qty **Total Cost** Total Cost Qty **Installation Cost** (Each) (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 All Prior Years 0 0 FY 2011 0 0.000 0.000 0 0.000 0.000 0 0.000 0 0.000 FY 2012 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2013 0 0.000 0 0.000 Ω 0.000 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 0 0.000 0 0.000 FY 2014 FY 2015 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 FY 2016 0 0.000 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0 1 FY 2017 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0.000 0.000 0.000 0 0.000 0 0.000 To Complete 0.000 0.000 0.000 0.000 0 0.000 0 0.000 Total Installation Schedule FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 **FY 2016 FY 2017 APY** 2 2 1 2 1 2 2 3 2 2 TC 1 3 4 1 4 4 4 1 1 4 1 4 Tot 0 0 0 0 In 0 Out 0 0 0 0 0 0 0 Installation: Power Pack Improvement & Integration Optimization Method of Implementation: Contractor Support Installation Name: **Prior Years** FY 2011 FY 2012 **FY 2013 OCO** FY 2013 Total **FY 2013 Base** Qtv **Total Cost** Qty **Total Cost** Qtv **Total Cost** Qtv **Total Cost** Qty **Total Cost** Qtv **Total Cost** Installation Cost (Each) (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 All Prior Years 0 FY 2011 0 0.000 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2012 0 0 0.000 0 0 FY 2013 0.000 0 0.000 0 0.000 0.000 0.000 FY 2014 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2015 0 0.000 0.000 0.000 0 0.000 0 0.000 0 0.000 FY 2016 0.000 0.000 0.000 0 0.000 0 0.000 0 0 0 0.000 0 0.000 0.000 0 0.000 0 FY 2017 0.000 0.000 0.000

LI GA0700 - M1 Abrams Tank (MOD) Army

UNCLASSIFIED Page 16 of 18

			0	JLAJJII	166							
Exhibit P-3A, Individual Modification: PB 2013	Army							D	ate: Febru	uary 2012		
Appropriation / Budget Activity / Budget Sub / 2033A / BA 1 / BSA 20	Activity:			Nomenclat brams Tan				(/		n Nomeno n Title, Mo		Number) :
Models of Systems Affected: Abrams Tanks	Туј	pe Modific	cation: xx	х			Relate	ed RDT&I	E PEs:			
Installation: Power Pack Improvement & Integration Optimiza	ation Met	thod of Impl	ementation:	: Contractor S	Support		Installa	ition Name:				
motaliation i one i aut improvement a mogration optimiza	Prior			2011	• • • • • • • • • • • • • • • • • • • •	2012	FY 201		FY 20	13 OCO	FY 201	I3 Total
Installation Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0		0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
	FY 2	 2014	FY 2	2015	FY 2	2016	FY 2	2017	То Со	mplete	To	 otal
Installation Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	· · · · ·		0	
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Installation Schedule												
FY 2011 FY 2012		FY 2013		FY 2014		FY 2015		FY 20	16	FY 20	17	
APY 1 2 3 4 1 2 3	4 1	2 3	4 1	2 3	4 1	2 3	4 1	2	3 4	1 2	3 4	TC Tot
In - 0 0 0 0 0 0 0 0	0 0	0 0	0 0	0 0			0 0	0 0	0 0	0 0	0 0	0 0
Out - 0 0 0 0 0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
Installation: Training Devices	Met	thod of Impl	ementation:	: Contractor S	Support		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 20	13 OCO	FY 201	13 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GA0700 - M1 Abrams Tank (MOD) Army Page 17 of 18

P-1 Line #11

113

Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 1 / BSA 20 GA0700 - M1 Abrams Tank (MOD) (Modification Title, Modification Number): Mods - 0000 Models of Systems Affected: Abrams Tanks Type Modification: xxx Related RDT&E PEs: Method of Implementation: Contractor Support Installation: Training Devices Installation Name: **Prior Years** FY 2011 FY 2012 **FY 2013 OCO FY 2013 Base** FY 2013 Total Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Qtv **Total Cost** Qty **Total Cost** Qty Total Cost **Installation Cost** (Each) (\$ M) 0.000 FY 2013 0.000 0.000 0 0.000 0.000 0.000 0 0 FY 2014 0 0.000 0.000 0 0.000 0.000 0 0.000 0 0.000 FY 2015 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2016 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 FY 2017 0.000 0 0.000 0 0.000 0 0 0.000 0 0.000 To Complete 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 Total 0 0.000 0.000 0.000 0.000 0 0.000 0 0.000 FY 2014 FY 2015 FY 2016 FY 2017 Total To Complete Qty Total Cost Qty **Total Cost** Installation Cost (\$ M) (\$ M) (\$ M) (\$ M) (\$ M) (Each) (\$ M) (Each) (Each) (Each) (Each) (Each) 0.000 0.000 0.000 0.000 All Prior Years 0 0.000 0 0 0 0.000 FY 2011 0.000 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0.000 0 0.000 0 0.000 FY 2012 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2013 FY 2014 0 0.000 0 0.000 0 0.000 0 0.000 n 0.000 0 0.000 FY 2015 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 FY 2016 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 FY 2017 0 0 0.000 0 0 0.000 0.000 0 0.000 0.000 0.000 To Complete 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 Total 0.000 0.000 0.000 0.000 0 0.000 0 0.000 Installation Schedule FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 **FY 2016 FY 2017 APY** 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 TC Tot 0 In 0 0 0 0 Out 0

LI GA0700 - M1 Abrams Tank (MOD) Army UNCLASSIFIED
Page 18 of 18

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GA0750 - Abrams Upgrade Program

Date: February 2012

20: Modification Of Tracked Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : A		Progran	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	nents: 02037	35A	
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	21	63	-	-	-	-	-	-	-	0	84
Gross/Weapon System Cost (\$ in Millions)	7,990.265	181.973	436.329	74.433	-	74.433	-	-	-	-	0.000	8,683.000
Less PY Advance Procurement (\$ in Millions)	2,064.494	-	-	-	-	-	-	-	-	-	0.000	2,064.494
Net Procurement (P1) (\$ in Millions)	5,925.771	181.973	436.329	74.433	-	74.433	-	-	-	-	0.000	6,618.506
Plus CY Advance Procurement (\$ in Millions)	2,064.494	-	-	-	-	-	-	-	-	-	0.000	2,064.494
Total Obligation Authority (\$ in Millions)	7,990.265	181.973	436.329	74.433	-	74.433	-	-	-	-	0.000	8,683.000
(The follo	wing Resource	Summary rows	are for informa	ational purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	109.061	-	7.219	-	-	-	-	-	-	-	0.000	116.280
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	8,665.381	6,925.857	-	-	-	-	-	-	-	0.000	103.369

Description:

This program upgrades M1/M1A1 tanks to the M1A2 System Enhancement Package (SEP) configuration. Therefore, for each M1A2 SEP produced, there was a corresponding decrease in the Army's M1/M1A1 inventory. The Abrams Upgrade Program upgrades the tanks survivability, automotive power pack, computer systems, and night vision capabilities. The M1A2 SEP has improved microprocessors, color flat panel displays, improved memory capacity, better Soldier-Machine Interface (SMI), and a new open operating system designed to run the Common Operating Environment (COE) software. Both the Gunner's Primary Sight (GPS) and the Commander's Independent Thermal Viewer (CITV) on the M1A2 SEP tank include the improved thermal imaging capabilities of the Block I 2nd Generation Forward Looking Infra-Red (FLIR) technology. The M1A2 SEP has improved frontal and side armor for enhanced crew survivability. The M1A2 SEP is also equipped with the total integrated revitalization (TIGER) engine and upgraded transmission for improved automotive reliability and durability.

Item Sche	dule		P	Prior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	ise	FY	′ 2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost															
GA0750 - Abrams Upgrade Program	P5, P5A, P21	А	-	-	-	8,665.381	21	181.973	6,925.857	63	436.329	-	-	74.433	-	-	-	-	-	74.433
Total Gross/Weapon System Cost					7,990.265			181.973			436.329			74.433			-			74.433

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

Justification:

LI GA0750 - Abrams Upgrade Program

FY2013 Base procurement dollars in the amount of \$74.433 million supports contractor System Technical Support (STS) and Total Package Fielding (TFP)/New Equipment Training requirements for the final M1A2 SEP V2 production. The M1A2 SEP V2 has improved frontal and side armor for enhanced crew survivability. The M1A2 SEP is also equipped with the total integrated revitalization (TIGER) engine and upgraded transmission for improved automotive reliability and durability.

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 20	13 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity 2033A : Procurement of W&TCV, Army / BA 1 : Tracked 20 : Modification Of Tracked Combat Vehicles		P-1 Line Item Nomenclatur GA0750 - Abrams Upgrade I	
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B I		Other Related Program Elements: 0203735A
ID Code (A=Service Ready, B=Not Service Ready) : A In accordance with Section 1815 of the FY2008 National Defense A defense missions, domestic emergency responses, and providing responses.	uthorization Act (P.L. 110-181), this		

LI GA0750 - Abrams Upgrade Program Army

Exhibit P-5, Cos	t Ar	alysis:	PB 2013	Army											Date: Fe	bruary 2	012		
Appropriation / E 2033A / BA 1 / BS			ivity / Bu	ıdget Sı	ub Activ	ity:		ne Item 50 - Abra			gram				Name, D	ODIC):	,	n <i>Number</i> de Progra	
		Resou	ırce Sun	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 2013	3 OCO	FY 2013	3 Total
Procurement Quantity	(Ea	ch)							-		21		63		-		-		_
Gross/Weapon Syster	n Cc	st (\$ in Mi	llions)						_		181.973		436.329		74.433		_		74.43
Less PY Advance Pro									_		_		_		_		_		
Net Procurement (P1)		• • • • • • • • • • • • • • • • • • • •	Willionsy						_		181.973		436.329		74.433				74.43
Plus CY Advance Pro	• •		Millione)						_		_		_						
Total Obligation Author											181.973		436.329		74.433				74.43
Total Obligation Author	ority (φ III IVIIIIOI		o following	Danauraa C		o oro for in	formational r	-					uma mta da la					74.43
Initial Spares (\$ in Mil	lione	١	(1710	e lollowirig	Resource Si	uninary rows	s are for in	ютпацопат р	urposes oni	y. The corre	sponding i	budget reques	7.219	imented ets	ewnere.)				
• •			in Thousan	da)					-	0.6	- CGE 204	6.1	925.857						
Gross/Weapon Syster	II UI									0,0	65.381			_	-				.
. . . .		'	Prior Years			FY 2011			FY 2012		ŀ	FY 2013 Bas		F	Y 2013 OC		F	Y 2013 Tota	
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cos	t Quantity	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost					'	'													
Recurring Cost																			
† Basic Vehicle		-	-	-	3,390.000	21	71.182	2,946.000	63	185.568	-	-	0.000	-	-	-	-	-	0.00
Government Furnished Equipment (GFE)		-	-	-	-	-	22.273	-	-	84.805	-	-	0.000	-	-	-	-	-	0.0
Armor		-	-	-	-	-	0.000	-	-	28.307	-	-	0.000	-	-	-	-	-	0.00
Pre-Modification Vehicle Teardown/ Refurb		-	-	-	375.000	21	7.868	616.000	63	38.820	-	-	0.000	-	-	-	-	-	0.00
System Technical Support (STS)		-	-	-	-	-	18.417	-	-	53.200	-	-	54.433	-	-	0.000	-	-	54.4
TPF/New Equipment Training		-	-	-	-	-	11.300		-	21.001	-	-	20.000	-	-	0.000	-	-	20.0
Special Tools and Test Set		-	-	-	-	-	0.133	-	-	0.135	-	-	0.000	-	-	-	-	-	0.0
Government Support		-	-	-	-	-	32.000	-	-	24.493	-	-	0.000	-	-	-	-	-	0.00
Initial Spares/ Authorized Stock List		-	-	-	-	-	18.800	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
Total Recurring Cost				0.000			181.973	1		436.329			74.433			0.000			74.43
Total Flyaway Cost				0.000			181.973			436.329			74.433			0.000			74.4
Gross Weapon System Cost				-			181.973			436.329			74.433			-			74.43
Remarks:																			

LI GA0750 - Abrams Upgrade Program Army

UNCLASSIFIED
Page 3 of 7

Exhibit P-5A, Budget Procurement History and Planning: P	B 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 1 / BSA 20	GA0750 - Abrams Upgrade Program	GA0750 - Abrams Upgrade Program

Cost Elements († indicates the presence of a P-21)	0 C 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Basic Vehicle		2010	GDLS / Lima, OH	C / FFP	TACOM- Warren	Feb 2010	Sep 2012	22	3,187.000	N		
†Basic Vehicle		2011	GDLS / Lima, OH	C / FFP	TACOM- Warren	Feb 2011	Nov 2012	21	3,390.000	N		
†Basic Vehicle		2012	GDLS / Lima, OH	C / FFP	TACOM- Warren	Feb 2012	Jan 2013	63	2,946.000	N		

Remarks:

FY 2013 dollars supports contractor System Technical Support (STS) and Total Fielding Package(TPF)/New Equipment Training requirements for the final M1A2 SEP V2 production.

UNCLASSIFIED
Page 4 of 7

Ex	chibit	P-21	, Budge	et Pro	oducti	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012				
			on / Bud 1 / BSA :		Activi	ty / B	udge	t Sub	Acti	vity:						nclat ograd		gram							Nom 750 -				e Pro	gram	
			Cost Eleme (Units in Ea								F	iscal Y	ear 201	2									F	iscal Y	ear 201	3					
						BAL								Ca	lendar	Year 20	12								Calen	dar Yea	r 2013				
0 0	MFR Ref#	FY	SERVICE [‡]	PROC	PRIOR TO 1 OCT		0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A	J U) J	A U G	S E	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U K) J	A U G	S E P	B A
\vdash	asic Veh		OLIVIOL	٠	00.	00.		_								_			•			.,					.,	_			
	1	2010	ARMY	22	0	22	-	-	-	-	-	-	-	-	-	-	-	2	13	7											
	1	2011	ARMY	21	0	21	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12	3									
	1	2012	ARMY	63	0	63	-	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	1	4	4	4	4	4	4	4	4	30
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

E	chibit	P-21	, Budge	et Pr	oduct	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012	:			
			on / Bud 1 / BSA		Activ	ity / B	Budge	t Sub	Acti	vity:			_		-	encla Ipgrad		ogram									ature: ms Up		de Pro	gram	1
			Cost Elem (Units in Ea								F	iscal Y	ear 201	4										Fiscal Y	ear 201	15					
						BAL								Ca	alenda	r Year 2	014								Calen	dar Yea	ır 2015				
0 0 0	MFR Ref#	ACCEP DUE PRIOR AS O N D J PROC TO 1 OF 1 C O E A PT OCT OCT T V C N								J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J J	A U G	S E P	B A L
Ba	asic Veh	nicle	I.						-						-	-						-									
	1	2010	ARMY	2	2 22	2 0																									
	1	2011	ARMY	2	1 21	0																									
	1	2012	ARMY	6	3 33	30	4	3	3	4	4	3	3	3	3	3															
					•	,	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	T U	A U G	S E P	

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 1 / BSA 20	GA0750 - Abrams Upgrade Program	GA0750 - Abrams Upgrade Program

		PRODUC	CTION RATES (Un	its/Year)			P	ROCUREMENT LE	EADTIME (Months	s)							
MFR						Init	Reo	rder									
Ref					ALT Prior Total After ALT Prior Total After												
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1					
1 GI	DLS - Lima, OH	70	120	336	0	5	21	26	0	5	11	16					

Remarks:

UNCLASSIFIED
Page 7 of 7

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GA0050 - Production Base Support (TCV-WTCV)

30 : Support Equipment & Facilities

ID Code (A=Service Ready, B=Not Service Ready) :		Progran	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	nents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	400.383	3.126	1.073	1.145	-	1.145	1.544	1.848	1.881	1.913	0.000	412.913
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	400.383	3.126	1.073	1.145	-	1.145	1.544	1.848	1.881	1.913	0.000	412.913
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	400.383	3.126	1.073	1.145	-	1.145	1.544	1.848	1.881	1.913	0.000	412.913

(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program provides for the Provision of Industrial Facilities (PIF). Funds are used to establish, modernize, expand or replace facilities owned by the Army. It provides Production Support Equipment Replacement and Modernization to Government-owned equipment and real property used in the production of Weapons and Tracked Combat Vehicles. The program also provides funding for Layaway of Industrial Facilities (LIF) and for the redistribution of equipment no longer required for production of Army systems. This effort supports the Reset, Abrams Integrated Management (AIM), Systems Enhancement Program (SEP) Programs and Spin-Out Framework. Funding is required for the preservation, Packing, Crating, Handling, and Transportation (PCH&T) of equipment excess to production, where such actions do not constitute substantial or complete shutdown or excessing of U.S. Army Tank-Automotive and Armaments Command (TACOM) production equipment. This program also funds projects to prevent unnecessary deterioration, perform maintenance, cover storage expenses of idle items of Government-owned equipment, and unplanned repairs to active equipment as situations arise.

Project Sch	edule		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Project	Exhibits	ID CD	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
Production Support			0.000	3.126	1.073	1.145	0.000	1.145
Production Base Support - Lima			0.000	1.603	0.284	0.334	0.000	0.334
Production Base Support - Lima	P25		-	1.603	0.284	0.334	-	0.334
Production Base Support - Scranton			0.000	0.993	0.189	0.222	0.000	0.222
Production Base Support - Scranton	P25		-	0.993	0.189	0.222	-	0.222

LI GA0050 - Production Base Support (TCV-WTCV) Army

UNCLASSIFIED Page 1 of 5

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 1: Tracked Combat Vehicles / BSA

GA0050 - Production Base Support (TCV-WTCV)

30 : Support Equipment & Facilities

ID Code (A=Service Read	D Code (A=Service Ready, B=Not Service Ready) :				e B Items:	Other Related		
Project Sch	edule		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Project	Exhibits	ID CD	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
TACOM LCMC Production Base Spt Program			0.000	0.530	0.600	0.589	0.000	0.589
TACOM LCMC Production Base Spt Program	P25		-	0.530	0.600	0.589	-	0.589
Total Gross/Weapon System Cost			0.000	3.126	1.073	1.145	0.000	1.145

*For the P17 and P25, the Project column displays a three-level indentation: Project Category (e.g., Environmental), followed by the Facility, followed by the Project Name. Exhibits with no Project Category are included under the "Uncategorized" category. For the P26, the Project column displays a two-level indentation: Project Type (e.g., Inactive Plants, Inactive Lines at Contractor Plants and Inactive Lines at Active Plants), followed by the Facility. Note also that although all P17, P25 and P26 projects are shown in the project schedule, not all projects will have a corresponding exhibit. A P17 or P25 exhibit is only included if data beyond the Project Number, Project Title and Cost are included (for example: for the P17, Description, Manufacturer, etc.; for the P25, Narrative Explanation, Cost Elements, Principle Milestones, etc.). A P26 exhibit is only included if data beyond Project Type and Total Cost are included (for example, Description, Contractor, Maintenance/Recurring/Environmental/Other costs, etc.).

Justification:

FY13 Base procurement dollars in the amount of \$1.145 million supports the procurement, repair, or replacement of Government-owned Industrial Plant Equipment (IPE) and Government-owned Real Property at the Joint System Manufacturing Center at Lima (JSMCL), formerly the Lima Army Tank Plant (LATP). In addition, this program procures repair or replacement of Government-owned IPE at contractor-owned manufacturing facilities in Muskegon, MI, Scranton, PA, Indianapolis, IN, and other locations. This request also supports emergency repairs to prevent production interruptions or loss of resources, as well as addressing threats to security, worker safety, and environmental issues. At JSMCL, projects include repair and rehab of machining centers, rehab of underground utilities and sewers, repair and upgrade of building electrical controls and resurfacing of deteriorating asphalt and concrete surfaces. Partial layaway of manufacturing facilities at JSMCL, pertaining to Abrams and Stryker production lines, is also included. With platform production cessation, occurring in the POM, there will be increased demands to facilitize, equip and enhance current manufacturing operations with new suppliers, as many current DoD contractors exit military production and divest to other commercial sector work. At the other locations, most projects address planned rehab or emergency repair of Government-owned machining centers and other Government IPE. These projects help prevent increased costs due to obsolete or nonoperational equipment, and also address environmental and safety deficiencies. In addition, this project covers unplanned repairs to Government-owned equipment, as situations arise. Funds are used to establish, modernize or replace Army-owned industrial facilities and equipment used in direct support of increased WTCV production requirements, resulting from ongoing heightened tensions/surge requirements in direct support of increased WTCV production requirements (PIF Projects, Parts obsolescence, supplier non-availability, F

"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".

UNCLASSIFIED

Exhibit P-25, Production Sup	port and In	dustrial F	acilities Co	ost Analys	is: PB 20	13 Army			Date: Feb	ruary 201	2	
Appropriation / Budget Active 2033A : Procurement of W&TC 30 : Support Equipment & Facility	V, Army / B			t Vehicles	/ BSA		em Nomenclate Production Base		WTCV)			
Project Title: Production Base	Support - L	ima				Project Nu	ımber: U6037	Project Categ	gory: Proc	luction Sup	port	
End Item Supported Model:								Annual Capa	city Befor	re / After (1-8-5): /	
Cost Elements (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total		e: Production Base	Support - Lima				
A. Construction Cost	1.603	0.284	0.334	0.000	0.334	Facility Type	e (GOGO, GOCO, C	OCO) : GOCO				
B. Equipment Cost	-	-	-	-	-	Principal Mil	lestones			Month & Ye	ar	
C. Equipment Installation Cost	-	-	-	-	-		ign Complete:					
D. Contractor Support Cost	-	-	-	-	-	Final Design						
E. Corps of Engineers Support Cost	-	-	-	-	-	Initial/Final P Construction						
F. Other In-House Support Cost	-	-	-	-	-		stallation Complete:					
G. Other Costs	-	-	-	-	-	Prove Out Be						
Total Project Cost	1.603	0.284	0.334	-	0.334	Prove Out Co	omplete:					
								Related	Projects			
						Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date
									, , ,			

Narrative Explanation:

Exhibit P-25, Production Sup	port and In	dustrial Fa	acilities Co	st Analys	is: PB 20	2013 Army Date: February 2012						
Appropriation / Budget Activity 2033A : Procurement of W&TC 30 : Support Equipment & Facil	V, Army / B			t Vehicles	/ BSA		tem Nomenclatu Production Base		WTCV)			
Project Title: Production Base	Support - S	cranton				Project No	umber: U6040	Project Cate	gory: Prod	luction Sup	port	
End Item Supported Model:						'		Annual Capa	city Befor	re / After (1	I-8-5): /	
Cost Elements (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total		ne: Production Base ation: TACOM	Support - Scrantor				
A. Construction Cost	0.993	0.189	0.222	0.000	0.222	Facility Type	e (GOGO, GOCO, C	OCO) : COCO				
B. Equipment Cost	-	-	-	-	-	Principal Mi	lestones			Month & Yea	ar	
C. Equipment Installation Cost	-	-	-	-	-	Concept Des	sign Complete:					
D. Contractor Support Cost	-	-	-	-	-	Final Design	•					
E. Corps of Engineers Support Cost	-	-	-	-	-	Initial/Final P Construction	roject Award:					
F. Other In-House Support Cost	_	-	-	-	-		complete. stallation Complete:					
G. Other Costs	_	_	_	-	_	Prove Out Be	•					
Total Project Cost	0.993	0.189	0.222	_	0.222	Prove Out Co	omplete:					
	11100			ļ		-		Related	Projects			
						Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date

Narrative Explanation:

Appropriation / Budget Activity / 2033A: Procurement of W&TCV, A 30: Support Equipment & Facilities	_	Sub Activ	.!4				2013 Army Date: February 2012						
	•		-	t Vehicles /	/ BSA		em Nomenclatu Production Base		WTCV)				
Project Title: TACOM LCMC Produ	uction B	ase Spt Pr	ogram			Project Nu	ımber: U4282	Project Categ	jory: Prod	duction Sup	port		
End Item Supported Model:						,		Annual Capa	city Befor	re / After (1-8-5): /		
Cost Elements (\$ in Millions)	Y 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total		e: TACOM LCMC P	roduction Base Spt	Program				
A. Construction Cost	0.530	0.600	0.589	0.000	0.589	Facility Type	e (GOGO, GOCO, C	OCO):					
B. Equipment Cost	-	-	-	-	-	Principal Mil	lestones			Month & Ye	ar		
C. Equipment Installation Cost	-	-	-	-	-	Concept Des	ign Complete:						
D. Contractor Support Cost	-	-	-	-	-	Final Design	•						
E. Corps of Engineers Support Cost	-	-	-	-	-	Initial/Final Pi	•						
F. Other In-House Support Cost	-	-	-	-	-		istallation Complete:						
G. Other Costs	-	-	-	-	_	Prove Out Be	•						
Total Project Cost	0.530	0.600	0.589	-	0.589	Prove Out Co	omplete:						
,		l						Related I	Projects				
						Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date	

Narrative Explanation:

126

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

G16101 - Integrated Air Burst Weapon System Family

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

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

Program Elements for Code B Items: 0604601A

Other Related Program Elements:

17 Octob (A-Service Ready), B-Not Service Ready). B								rogram Liem	ionio.			
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	1,424	1,863	2,140	2,293	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	-	-	-	0.506	-	0.506	69.147	71.208	71.196	72.387	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	0.506	-	0.506	69.147	71.208	71.196	72.387	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	0.506	-	0.506	69.147	71.208	71.196	72.387	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Maneuver Center of Excellence (MCoE), Ft Benning, GA (User Representative) identifies the XM25 Individual Semi-Automatic Airburst System (ISAAS) as their number one material solution to mitigate a critical capability gap Counter Defilade Target Engagement (CDTE) for our Soldiers in combat (defeating defilade targets from 15-500m). The XM25 ISAAS fires 25mm munitions including high-explosive airburst (HEAB), armor-piercing, breaching rounds, less-than-lethal, and training. The XM25 comes with a target acquisition/fire control that integrates thermal capability with direct-view optics, laser rangefinder, compass (cant, bearing, tilt) fuze setter, ballistic computer, laser pointer and illuminator and internal display. The XM25 has a 500-meter point target range and a 700-meter area target range capable of defeating defilade (hidden) targets.

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	0.506	-	0.506
Army National Guard	Quantity	-	-	-	-	-
	Total Obligation Authority	-	-	-	-	-
Army Reserve	Quantity	-	-	-	-	-
İ	Total Obligation Authority	-	-	-	-	-

Justification:

FY 2013 Base procurement dollars in the amount of \$0.506 million supports engineering activities to initiate the Low Rate Initial Production (LRIP) contract. Program is schedule to achieve Milestone C with a Type Classification Limited Procurement (TC-LP) fourth quarter FY 2013. The procurement of LRIP quantities under TC-LP is planned with FY 2014 procurement appropriated funds. The XM25 ISAAS provides the Infantry Soldier with a leap-ahead overmatch capability to defeat targets protected from observation and direct fire by natural and/or man made cover such as terrain depressions, rock formations, foxholes, vehicles, walls, buildings and battlefield rubble. The XM25 ISAAS dramatically increases lethality, range, and capability through the use of a family of low-velocity cartridge 25mm ammunition.

UNCLASSIFIED
Page 1 of 2

Exhibit P-40, Budget Item Justification She	eet: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget S 2033A : Procurement of W&TCV, Army / BA 2 Vehicles / BSA 10 : Weapons & Other Comba	2 : Weapons and Other Combat	P-1 Line Item Nom G16101 - Integrated	nenclature: d Air Burst Weapon System Family
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code	B Items : 0604601A	Other Related Program Elements:
	nal 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

UNCLASSIFIED Page 2 of 2

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G13000 - M240 Medium Machine Gun (7.62mm)

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

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

Program Elements for Code B Items: 0604601A

Other Related Program Elements:

	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	479	-	-	-	-	-	-	-	-	0	479
Gross/Weapon System Cost (\$ in Millions)	756.347	20.362	-	-	-	-	-	-	-	-	0.000	776.709
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	756.347	20.362	-	-	-	-	-	-	-	-	0.000	776.709
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	756.347	20.362	-	-	-	-	-	-	-	-	0.000	776.709
(The follow	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The M240 series machine guns are available in different configurations for various applications. The M240B Machine Gun is a ground version of the original M240 Machine Gun, 7.62MM Medium Machine Gun class weapon, designed as a coaxial/pintle-mounted weapon for tanks and light armored vehicles. The M240B also includes: a flash suppressor, front sight, carrying handle, buttstock, pistol grip, bipod, heat shield and rear sight assembly. The M240B Machine Gun may also be tripod-mounted and used in conjunction with a traversing and elevating mechanism and mount pintle. The M240H is a variant of this same family of Machine Guns and is employed as the self defensive armament subsystem for the UH-60 BLACK HAWK and CH-47 Chinook Helicopters. The M240H uses the same receiver and barrel as the M240B but has a spade grip trigger assembly. It also has a unique mounting interface and pintle to properly interface with the helicopter platform. Also, included with the system is an egress kit to allow the weapon to be converted for a ground defensive role in the event the helicopter is downed. The lighter M240L replaces the M240B in Special Forces/Rangers, Light Infantry and Airborne units. The M240L significantly reduces the weight of the current M240B while maintaining the same level of reliability. The weight reduction is accomplished through the use of lightweight materials and innovative manufacturing techniques.

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	133	-	-	-	-
	Total Obligation Authority	5.611	-	-	-	-
Army National Guard	Quantity	169	-	-	-	-
	Total Obligation Authority	7.200	-	-	-	-
Army Reserve	Quantity	177	-	-	-	-
	Total Obligation Authority	7.551	-	-	-	-

UNCLASSIFIED
Page 1 of 7

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G13000 - M240 Medium Machine Gun (7.62mm)

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Rea	(A=Service Ready, B=Not Service Ready) : A Item Schedule Prior Year						Element	s for Cod	e B Items	: 060460)1A		Oth	er Relate	d Progran	n Eleme	nts:			
Item Sch	edule		Р	rior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	ase	FY	2013 O	co	FY	2013 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G13000 - M240 Medium Machine Gun (7.62mm)	P5, P5A, P21	А	-	-	-	-	479	20.362	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					756.347			20.362			-			-			-			-

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

Justification:

FY13 has no funding.

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.

UNCLASSIFIED
Page 2 of 7

								UN	CLASS	ILIED									
Exhibit P-5, Cost	Ar	alysis:	PB 2013	Army											Date: Fe	ebruary 2	2012		
	Bud	get Acti			ub Activi	ity:	1		Nomenc 0 Mediun		ne Gun	(7.62mm))		Item No Name, L	menclat DODIC): - M240 I	ure (Iten		
	Resource Summary The total cost (\$ in Millions) Advance Procurement (\$ in Millions) The following Resource Summary Total Cost (\$ in Thousands) Total Cost (\$ in Thousands) Total Cost (\$ in Total Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Total Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Stapon System Unit Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Stapon System Unit Cost (\$ in Millions) Stapon System Unit Cost (\$ in Thousands) Stapon System Unit Cost (\$ in Millions) Stapon System Unit Cost (\$ in Mi						Prior Ye	ars	FY 20	11	FY 20	12	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total	
Procurement Quantity	(Ea	ch)							-		479		-		-			-	
Gross/Weapon Syster	n Co	st (\$ in Mi	llions)						-		20.362		-		-		-		-
Less PY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		-
Net Procurement (P1)	(\$ ir	Millions)							-		20.362		-		-		-		-
Plus CY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		-
Total Obligation Author	rity ((\$ in Millior	ns)						-		20.362		-		-		-		-
			(The	e following	Resource St	ummary row	s are for int	ormational p	ourposes onl	y. The corre	sponding b	oudget reque	sts are docu	umented els	sewhere.)		ŀ		
Initial Spares (\$ in Mill	ions)							-		-		-		-		-		-
Gross/Weapon Syster	eapon System Unit Cost (\$ in Thousands) Prior Years FY								-		-		-		-		-		-
		F	Prior Years	3		FY 2011			FY 2012		F	Y 2013 Ba	se	F	Y 2013 O	со	F`	Y 2013 Tot	al
Cost Elements († indicates the presence of a P-5A)				Cost		Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost												•							
Recurring Cost								1			1				1				
Hardware (Infantry Version - M240B)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Hardware (Light Weight Version - M240L)		-	-	-	14.900	479	7.137	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
1. Short Barrels		-	-	-	0.800	2,000	1.600	-	-	0.000	-	-	0.000		-	-	-	-	0.000
Multiple Intgr Laser Engagement Sys		-	-	-	-	-	1.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
3. Trainer		-	-	-	-	-	1.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Engineering Support		-	-	-	-	-	3.525	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
5. Integrated Logistics Support		=	-	-	-	-	1.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
6. Engineering Change Proposals		-		-	-	-	0.850	-	-	0.000	-	-	0.000		-	-	-	-	0.000
7. Total Package Fielding		-	-	-	-	-	0.800	-	-	0.000	-	-	0.000		-	-	-	-	0.000
8. Engineering Studies		-	-	-	-	-	1.000	-	-	0.000	-	-	0.000		-	-	-	-	0.000
9. New Equipment Training		-	-	-	-	-	0.750	-	-	0.000	-	-	0.000		-	-	-	-	0.000
10. First Destination Transportation		-	-	-	-	-	0.700	-	-	0.000	-	-	0.000		-	-	-	-	0.000
11. Testing		-	-	-	-	-	1.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000

LI G13000 - M240 Medium Machine Gun (7.62mm) Army UNCLASSIFIED Page 3 of 7

Date: February 2012 Exhibit P-5, Cost Analysis: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Item Nomenclature (Item Number, Item 2033A / BA 2 / BSA 10

G13000 - M240 Medium Machine Gun (7.62mm) Name, DODIC):

G13000 - M240 Medium Machine Gun

(7.62mm)

		F	Prior Years	3		FY 2011			FY 2012		F	Y 2013 Bas	se	F	/ 2013 OCC)	F	/ 2013 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Total Recurring Cost				0.000			20.362			0.000			0.000			0.000			0.000
Total Flyaway Cost				0.000			20.362			0.000			0.000			0.000			0.000
Gross Weapon System Cost				-			20.362			-			-			=			-

Remarks:

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	133	-	-	-	-
	Total Obligation Authority	5.611	-	-	-	-
Army National Guard	Quantity	169	-	-	-	-
	Total Obligation Authority	7.200	-	-	-	-
Army Reserve	Quantity	177	-	-	-	-
	Total Obligation Authority	7.551	-	-	-	-

Exhibit P-5A, Budget Procurement History and Planning:	PB 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G13000 - M240 Medium Machine Gun (7.62mm)	Item Nomenclature: G13000 - M240 Medium Machine Gun (7.62mm)

Cost Elements († indicates the presence of a P-21)	000	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Hardware (Light Weight Version - M240L)		2010	TBS / TBS	C / FFP	ACC-Picatinny, Picatinny, NJ	Feb 2012	Mar 2013	1,669	11.400			
†Hardware (Light Weight Version - M240L)		2011	TBS / TBS	C / FFP	ACC-Picatinny, Picatinny, NJ	Feb 2012	Jun 2013	479	14.900			

Remarks:

E	xhibit	P-2	1, Budge	et Pro	oduct	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012				
			ion / Bud 2 / BSA	_	Activ	ity / B	udge	t Suk	Acti	ivity:		P-1 L						ne Gu	ın (7.	62mm	1)			G130	Nom 000 - 2mm)				Machir	าe Gเ	ın
			Cost Elem (Units in Ea								F	Fiscal Ye	ear 201	3									F	iscal Y	ear 201	4					
						BAL								Ca	lendar	Year 20	13								Calen	dar Yea	r 2014				
0 0	MFR	FY	SERVICE [‡]	PROC QTY	PRIOR TO 1	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	N N	A U G	S E P	B A L
Н	ardware	(Light	Weight Vers	sion - M	1240L)																										
	1	2010	ARMY	1669	0	1669	-	-	-	-	-	350	350	350	245	245	129		_												
	1	2011	ARMY	479	0	479	-	-	-	-	-	-	-	-	105	105	221	48													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	n n	A U G	S E P	

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G13000 - M240 Medium Machine Gun (7.62mm)	Item Nomenclature: G13000 - M240 Medium Machine Gun (7.62mm)

		PRODUC	CTION RATES (Un	its/Year)			Р	ROCUREMENT L	EADTIME (Months	s)					
MF	R				Initial Reorder										
Ref	f				ALT Prior			Total After	ALT Prior			Total After			
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1			
1	TBS - TBS	1200	3000	4200	6	4	14	18	6	4	17	21			

Remarks:

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

|

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

GB2000 - Machine Gun, Cal .50 M2 Roll

P-1 Line Item Nomenclature:

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

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

Program Elements for Code B Items:

Other Related Program Elements:

		5										
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	301.486	79.496	31.102	-	-	-	-	-	-	-	0.000	412.084
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	301.486	79.496	31.102	-	-	-	-	-	-	-	0.000	412.084
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	301.486	79.496	31.102	-	-	-	-	-	-	-	0.000	412.084
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	lsewhere.)	*		
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

M2 .50 Caliber Machine Gun is an automatic, belt-fed, recoil-operated, and air-cooled crew-served weapon. It mounts on the M3 and XM205 tripods and on most vehicles, and serves as an anti-personnel and anti-aircraft weapon. It is highly effective against light armored vehicles, low-and slow-flying aircraft, and small boats. The M2 provides automatic weapon suppressive fire for offensive and defensive purposes. It is capable of single-shot and automatic fire.

Item Sche	dule		Р	rior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	00	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
GB2000 - Machine Gun, Cal .50 M2 Roll	P5, P5A	Α	-	-	-	-	-	79.496	-	-	31.102	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					301.486			79.496			31.102			-			-			-

*Item Nomenclature represents Item Number. DODIC. and Item Name for the P40A and P5: Name for the P48 and P23: Modification Number and Modification Title for the P3A: Item Number and Item Name for the P10.

Justification:

FY13 has no funding.

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.

UNCLASSIFIED
Page 1 of 3

Exhibit P-5, Cost	t Analysis:	PB 2013	Armv										l	Date: Fe	bruary 2	012		
Appropriation / E 2033A / BA 2 / BS	Budget Act			ub Activ	ity:		i ne Item 1 00 - MacI) M2 Rc	oll		I	tem No Vame, D	menclati	ure (Iten	n Numbei	
	Reso	urce Sur	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 2013	3 ОСО	FY 2013	Total
Procurement Quantity	(Each)							-		-		-		-		-		
Gross/Weapon Syster	m Cost (\$ in Mi	illions)						-		79.496		31.102		-		-		-
Less PY Advance Pro								-		-		-		-		-		_
Net Procurement (P1)	,							-		79.496		31.102		-		-		_
Plus CY Advance Pro	<u> </u>	Millions)						-		_		_		_		_		_
Total Obligation Author								-		79.496		31.102		_		_		
	(+	-	e followina	Resource Si	ummarv row	s are for in	formational r	ourposes onl			budget reque		mented else	ewhere.)				
Initial Spares (\$ in Mill	lions)	(,,,	2 . 0 . 0			2 3.0 .0		-	,	-		-		-		-		_
Gross/Weapon Syster		in Thousar	nds)					-		-		-		-		-		
	<u> </u>	Prior Years			FY 2011		Ì	FY 2012		F	Y 2013 Ba	se	F'	Y 2013 OC	0	F	Y 2013 Tota	al
Cost Elements († indicates the		Quantity (Each)	Total Cost	Unit Cost		Total Cost	Unit Cost		Total Cost	Unit Cos		Total Cost	Unit Cost		Total Cost		Quantity	Total Cost
presence of a P-5A) Flyaway Cost	CD (\$ K)	(Eacn)	(\$ M)	(\$ K)	(Each)	(\$ M)	(\$ K)	(Each)	(\$ M)	(\$ K)	(Each)	(\$ M)	(\$ K)	(Each)	(\$ M)	(\$ K)	(Each)	(\$ M)
Recurring Cost																		
1. Hardware	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
M2 Systems	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
† XM205 Lightweight Tripod	-	-	-	3.800	19,806	75.263	3.800	7,750	29.452	-	-	0.000	-	-	-	-	-	0.00
Production Engineering	-	-	-	-	-	1.603	-	-	0.800	-	-	0.000	-	-	-	-	-	0.00
Integrated Logistics Support	-	-	-	-	-	0.300	-	-	0.100	-	-	0.000	-	-	-	-	-	0.00
4. Fielding	-	-	-	-	-	0.605	j -	-	0.300	-	-	0.000	-	-	-	-	-	0.00
First Destination Transportation	-	-	-	-	-	0.300	-	-	0.150	-	-	0.000	-	-	-	-	-	0.00
6. Engineering Studies	-	-	-	-	-	0.165	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
7. New Equipment Training	-	-	-	-	-	1.260	-	-	0.300	-	-	0.000	-	-	-	-	-	0.00
Total Recurring Cost			0.000			79.496	5		31.102			0.000			0.000			0.00
Total Flyaway Cost			0.000			79.496	1		31.102			0.000			0.000			0.00
Gross Weapon System Cost			-			79.496	5		31.102			-			-			-
Remarks:																		

LI GB2000 - Machine Gun, Cal .50 M2 Roll Army

UNCLASSIFIED Page 2 of 3

Exhibit P-5A, Budget Procurement History and Planning: P	B 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 2 / BSA 10	GB2000 - Machine Gun, Cal .50 M2 Roll	GB2000 - Machine Gun, Cal .50 M2 Roll

Cost Elements († indicates the presence of a P-21)	0 0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
XM205 Lightweight Tripod		2011	TBS / TBS	C / FFP	ACC-Picatinny, Picatinny, NJ	Aug 2012	Jan 2013	19,806	3.800	N		
XM205 Lightweight Tripod		2012	TBS / TBS	C / FFP	ACC-Picatinny, Picatinny, NJ	Aug 2012	Jan 2013	7,750	3.800	N		

Remarks:

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

G12800 - Lightweight .50 Caliber Machine Gun

Vehicles / BSA 10: Weapons & Other Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready): B Program Elements for Code B Items: 0604601A

Other Related Program Elements:

Date: February 2012

12 Court (1 co. nee 1 court, 2 net co. nee 1 court, 2		19.	=	o. o o a o a o o		• • •						
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	285	610	-	610	993	936	892	903	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	-	-	19.357	25.183	-	25.183	36.373	33.702	32.231	32.769	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	19.357	25.183	-	25.183	36.373	33.702	32.231	32.769	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	19.357	25.183	-	25.183	36.373	33.702	32.231	32.769	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Lightweight .50 Caliber (Cal) Machine Gun (MG) system (to include the XM205 Tripod) meets the U.S. Army requirement for a Lightweight Enhanced .50 Caliber MG. This weapon enables the Soldier to effectively suppress and incapacitate exposed personnel targets out to 2,000 meters and provide the capability to defeat lightly armored vehicles out to 1,500 meters. Successful development of the new Lightweight .50 Cal MG increases the warfighter's lethality while significantly reducing tactical load and supportability costs. By augmenting the 75-year-old M2 Machine Gun Fleet, the Army achieves significant reductions in weight and recoil force. The new Lightweight .50 Cal MG is 40% lighter than the M2 with a recoil reduction of 60% over the M2 Machine Gun. Safety will be improved by eliminating manual adjustment of headspace and timing. This line also funds other accessories such as the Multiple Integrated Laser Engagement System (MILES), Engagement Skills Trainer 2000 (EST 2000), blank ammunition firing adapter, and weapon cradle.

Seco	ondary Distribu	tion		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity			-	285	395	-	395
	Total Obligation Au	uthority		-	19.357	16.621	-	16.621
Army National Guard	Quantity			-	-	215	-	215
	Total Obligation Au	uthority		-	-	8.562	-	8.562
Itam Cab	adula.		Drier Veere	EV 2011	EV 2042	EV 2012 Bass	EV 2042 OCO	EV 2042 Total

Item Sche	dule		Р	rior Year	's		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost
G12800 - Lightweight .50 Caliber Machine Gun	P5, P5A, P21	В	-	-	-	-	-	-	-	285	19.357	-	610	25.183	-	-	-	-	610	25.183

UNCLASSIFIED
Page 1 of 7

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

G12800 - Lightweight .50 Caliber Machine Gun

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Ready, I	B=Not Service Rea	ady) : B	3			Program	Element	s for Cod	e B Items	: 060460)1A		Oth	er Related	d Progran	n Eleme	nts:			
Item Sched	ule		Р	rior Year	's		FY 2011			FY 2012		FY	2013 B	ase	FY	2013 O	co	FY	2013 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
Total Gross/Weapon System Cost					-			-			19.357			25.183			-			25.183

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

Justification:

FY13 Base procurement dollars in the amount of \$25.183 million supports the Active Army and National Guard and procures 610 Lightweight .50 Caliber Machine Gun systems. This weapon enables the Soldier to effectively suppress and incapacitate exposed personnel targets out to 2,000 meters and provide the capability to defeat lightly armored vehicles out to 1,500 meters.

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

UNCLASSIFIED
Page 2 of 7

								• • • • • • • • • • • • • • • • • • • •											
Exhibit P-5, Cost	: Aı	nalysis:	PB 2013	3 Army										I	Date: F	ebruary 2	012		
Appropriation / E 2033A / BA 2 / BS			ivity / Bu	udget Si	ub Activ	ity:			Nomenc tweight .5		er Mach	iine Gun			Name, L	omenclate DODIC): - Lightwee Gun	•		r, Item
		Reso	urce Sur	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 2013	з осо	FY 201	3 Total
Procurement Quantity	(Ea	ch)							-		-		285		610		-		610
Gross/Weapon Syster	n Co	ost (\$ in Mi	illions)						-		-		19.357		25.183		-		25.183
Less PY Advance Pro	cure	ement (\$ in	Millions)						-		-		-		-		-		-
Net Procurement (P1)	(\$ i	n Millions)							-		-		19.357		25.183		-		25.183
Plus CY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		_
Total Obligation Author	rity	(\$ in Millio	ns)						-		-		19.357		25.183		-		25.183
			(Th	ne following	Resource S	ummary row	s are for int	formational _l	ourposes onl	y. The corre	sponding b	budget reques	sts are docu	ımented els	ewhere.)	ļ	\		
Initial Spares (\$ in Mill	ions	s)							-		-		-		-		-		-
Gross/Weapon Syster	n Uı	nit Cost (\$	in Thousar	nds)					-		-		-		-		-		-
		ı	Prior Years	s		FY 2011			FY 2012		F	Y 2013 Bas	se	F	Y 2013 O	со	F	Y 2013 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID	Ullit COSt	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost					1														1
Recurring Cost			1						T								1		
† 1. Lightweight .50 Cal Machine Gun Sys		-	-	-	-	-	0.000	60.900	285	17.357	37.200	610	22.683	-	-	0.000	37.200	610	22.683
2. Training Device		-	-	-	-	-	0.000	-	-	0.000	7.500	0 40	0.300	-	-	0.000	7.500	40	0.300
3. Engagement Skills Trainer 2000		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Engineering Support		-	-	-	-	-	0.000	-	-	1.750	-	-	1.800	-	-	0.000	-	-	1.800
5. Integrated Logistics Support		-	-	-	-	-	0.000	-	-	0.050	-	-	0.050	-	-	0.000	-	-	0.050
6. New Equipment Training		-	-	-	-	-	0.000	-	-	0.050	-	-	0.100	-	-	0.000	-	-	0.100
7. Total Package Fielding		-	-	-	-	-	0.000	-	-	0.100	-	-	0.200	-	-	0.000	-	-	0.200
8. First Destination Transportation		-	-	-	-	-	0.000	-	-	0.050	-	-	0.050	-	-	0.000	-	-	0.050
Total Recurring Cost				0.000			0.000			19.357			25.183			0.000			25.183
Total Flyaway Cost				0.000			0.000			19.357			25.183			0.000			25.183
Gross Weapon System Cost				-			-			19.357			25.183			-			25.183
Remarks:																			

LI G12800 - Lightweight .50 Caliber Machine Gun Army

UNCLASSIFIED Page 3 of 7

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10 P-1 Line Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun Item Nomenclature (Item Number, Item Name, DODIC): G12800 - Lightweight .50 Caliber Machine Gun	Exhibit P-5, Cost Analysis: PB 2013 Army	Date: February 2012
	1	G12800 - Lightweight .50 Caliber

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	-	285	395	-	395
	Total Obligation Authority	-	19.357	16.621	-	16.621
Army National Guard	Quantity	-	-	215	-	215
	Total Obligation Authority	-	-	8.562	-	8.562

Exhibit P-5A, Budget Procurement History and Planning: F	PB 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun	Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun

Cost Elements († indicates the presence of a P-21)	0 0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†1. Lightweight .50 Cal Machine Gun Sys		2012	Gen Dyn Arm Tech Prod (GDATP) / Burlington, VT	SS/FFP	ACC-Picatinny, Picatinny, NJ	Jun 2012	Oct 2013	285	60.900	N	Apr 2012	
†1. Lightweight .50 Cal Machine Gun Sys		2013	Gen Dyn Arm Tech Prod (GDATP) / Burlington, VT	SS/FFP	ACC-Picatinny, Picatinny, NJ	Mar 2013	May 2014	610	37.200	N	Apr 2012	

Remarks:

P-1 Line #17

143

Exhi	bit l	P-21	l, Budge	et Pro	oduct	tion S	ched	ule: P	B 20	13 Ar	my													Date	: Feb	ruary	2012				
	-		on / Buo 2 / BSA	_	Activ	ity / B	udge	t Sub	Acti	vity:			ine It 300 - 1					er Mad	chine	Gun				G128	Nom 300 - I	Light			Calibe	er	
			Cost Elem (Units in Ea								F	iscal Ye	ear 201	4									F	iscal Y	ear 201	5					
					ACCE	BAL P DUE								Ca	lendar `	Year 20	14								Calend	dar Yea	r 2015				
O MF		FY	SERVICE [‡]	PROC QTY	PRIOF	RAS	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	B A L
1. Ligh	ntwei	ght .50	Cal Machi	ne Gun	Sys										<u>'</u>			<u>'</u>													
1		2012	ARMY	285	5 C	285	20	20	20	50	50	50	50	25																	
1		2013	ARMY	610	0	610	-	-	-	-	-	50 50 50 50 50 50 50 50 50 50 50 60																			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N J	U U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N J	U L	A U G	S E P	

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun	Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun

		PRODUC	TION RATES (Unit	s/Year)			F	ROCUREMENT LE	ADTIME (Month	s)		
MFR						Initia	ıl			Reo	rder	
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	Gen Dyn Arm Tech Prod (GDATP) - Burlington, VT	300	2400	4800	5	8	17	25	3	5	15	20

Remarks:

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G13400 - MK-19 Grenade Machine Gun (40mm)

Vehicles / BSA 10: Weapons & Other Combat Vehicles

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

Program Elements for Code B Items:

Other Related Program Elements:

		5										
	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	31,283	196	-	-	-	-	-	-	-	-	0	31,479
Gross/Weapon System Cost (\$ in Millions)	544.594	4.439	-	-	-	-	-	-	-	-	0.000	549.033
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	544.594	4.439	-	-	-	-	-	-	-	-	0.000	549.033
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	544.594	4.439	-	-	-	-	-	-	-	-	0.000	549.033
(The follo	wing Resource	Summary rows	are for informa	ational purposes	s only. The corre	esponding budg	et requests are	documented e	lsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	_	_	-	_	-	_	_	-	-

Description:

The MK-19, Mod 3 is a self-powered, air-cooled, 40mm automatic Grenade Machine Gun capable of a cyclic rate of 325-375 rounds per minute. It is used to engage point targets up to 1,500 meters and provide suppressive fire up to 2,200 meters. The MK-19 is fielded with the MK93 mount. The weapon is mounted on select Stryker vehicles, High Mobility Multi-Purpose Wheeled Vehicles (HMMWVs), the M113 Armored Personnel Carrier family of vehicles, M88A1 Recovery Vehicle and Mine Resistant Ambush Protected (MRAP) vehicles. During static defensive operations it is ground employed utilizing the M3 or XM205 Tripod Mount. Also provides other ancillary equipment such as the M3 Tripod and improved sighting systems.

Sec	condary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	66	-	-	-	-
	Total Obligation Authority	1.386	-	-	-	-
Army National Guard	Quantity	44	-	-	-	-
	Total Obligation Authority	1.031	-	-	-	-
Army Reserve	Quantity	86	-	-	-	-
	Total Obligation Authority	2.022	-	-	-	-

Justification:

FY13 has no funding.

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 Item Justification Sheet: PB 2013 Army	Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G02200 - Mortar Systems

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) :		Progran	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	ents:		
	Prior	•		FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	274	70	-	-	-	-	-	-	-	0	344
Gross/Weapon System Cost (\$ in Millions)	397.390	25.585	10.177	8.104	-	8.104	5.060	5.066	5.070	-	0.000	456.452
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	397.390	25.585	10.177	8.104	-	8.104	5.060	5.066	5.070	-	0.000	456.452
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	397.390	25.585	10.177	8.104	-	8.104	5.060	5.066	5.070	-	0.000	456.452
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Gross/Weapon System Unit Cost (\$ in Thousands)

Mortar Systems includes the production of M224/A1, 60mm; M252/A1, 81mm; and M120/M121, 120mm Mortar Weapon Systems and includes production of associated equipment to include procurement of the M326 Mortar Stowage Kit and M1101 trailer that are used with the M120 120mm towed mortar system. The Mortar Stowage Kit system enables rapid emplacement and displacement of the M120 from the M1101 Trailer.

Seco	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	237	43	-	-	-
	Total Obligation Authority	20.895	6.537	6.104	-	6.104
Army National Guard	Quantity	37	27	-	-	-
	Total Obligation Authority	4.690	3.640	2.000	-	2.000

Item Sche	edule		Р	rior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	o	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G02200 - Mortar Systems	P5, P5A, P21		-	-	-	-	274	25.585	-	70	10.177	-	-	8.104	-	-	-	-	-	8.104
Total Gross/Weapon System Cost					397.390			25.585			10.177			8.104			-			8.104

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

Justification:

LI G02200 - Mortar Systems
Army

UNCLASSIFIED
Page 1 of 8
P-1 Line #19

Exhibit P-40, Budget Item Justification Sh	eet: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget \$2033A : Procurement of W&TCV, Army / BA Vehicles / BSA 10 : Weapons & Other Comb	2 : Weapons and Other Combat	P-1 Line Item G02200 - Morta	Nomenclature: ar Systems
D Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code		Other Related Program Elements:
FY2013 Base procurement funding, \$8.104 million, pr equipment training. These systems support requirem	ocures 410 60mm Direct Lay Sight (DLS), 48 lents for lightweight 60mm mortars for Infantry	M1101 Trailers and 650 and Stryker Brigade Co	Round Counter along with production support cost for production, staging, and new mbat team and Special Forces.
"In accordance with Section 1815 of the FY 2008 Nati defense missions, domestic emergency responses, an			r use by the active and reserve components of the Armed Forces for homeland

LI G02200 - Mortar Systems
Army

UNCLASSIFIED
Page 2 of 8
P-1 Line #19

Exhibit P-5, Cost	t Ar	nalysis:	PB 2013	Army											Date: Fe	ebruary 2	012		
Appropriation / E 2033A / BA 2 / BS			ivity / Βι	udget S	ub Activi	ity:			Nomenc ar Syster						Name, D	menclat OODIC): - Mortar	-		r, Item
		Resou	urce Sur	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 201	3 Base	FY 2013	3 OCO	FY 201	3 Total
Procurement Quantity	(Ea	ch)							-		274		70		-		-		-
Gross/Weapon Syster	n Co	st (\$ in Mi	illions)						-		25.585		10.177		8.104		-		8.104
Less PY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		-
Net Procurement (P1)	(\$ ir	n Millions)							-		25.585		10.177		8.104		-		8.104
Plus CY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		-
Total Obligation Author	ority ((\$ in Millio	ns)						-		25.585		10.177		8.104		-		8.104
			(Th	e following	Resource St	ummary row	s are for int	formational p	ourposes onl	y. The corre	esponding b	udget reques	sts are doc	umented els	sewhere.)		<u> </u>		
Initial Spares (\$ in Mill	ions)	•					· · · · ·	-	-	-		-		-		-		-
Gross/Weapon Syster	n Ur	nit Cost (\$	in Thousar	nds)					-		-		-		-		-		-
, ,			Prior Years	 S		FY 2011			FY 2012		F	Y 2013 Bas	se	F	Y 2013 O	co	F	Y 2013 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost
Flyaway Cost		(\$ 1.7)	(Lacii)	(\$ 101)	(φ κ)	(Lacii)	(\$ W)	(\$ K)	(Lacii)	(\$ W)	(\$K)	(Lacii)	(\$ W)	(\$1.7)	(Lacii)	(\$ W)	(\$ K)	(Lacii)	(\$ 101)
Recurring Cost																			
† 60mm Cannon Tubes		-	-	-	22.000	194	4.268	22.000	70	1.540	-	-	0.000	-	-	-	-	-	0.000
† 60mm Baseplates		-	-	-	5.000	194	0.970	5.000	70	0.350	-	-	0.000	-	-	-	-	-	0.000
† 60mm M8A1 Baseplate		-	-	-	5.000	511	2.555	5.000	70	0.350	-	-	0.000	-	-	-	-	-	0.000
† 60mm Bipods		-	-	-	5.000	194	0.970		70	0.350	-	-	0.000		-	-	-	-	0.000
† 60mm Basic Issue / Direct Support Tools		-	-	-	5.000	194	0.970	6.000	70	0.420	-	-	0.000	-	-	-	-	-	0.000
† 60mm Direct Lay Sight		-	-	-	7.000	596	4.172	7.000	425	2.975	7.000	410	2.870	-	-	0.000	7.000	410	2.870
† 81mm Cannon Tubes		-	-	-	19.000	32	0.608	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† 81mm Baseplates		-	-	-	5.000	32	0.160	-	-	0.000	-	-	0.000) -	-	-	-	-	0.000
† 81mm Bipods		-	-	-	9.000	32	0.288	-	-	0.000	-	-	0.000		-	-	-	-	0.000
† 81mm Basic Issue / Direct Support Tools		-	-	-	14.000	32	0.448	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† 120mm Cannon Tubes (M120)		-	-	-	18.000	48	0.864	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† 120mm Baseplates		-	-	-	12.000	48	0.576	1	-	0.000	-	-	0.000		-	-	-	-	0.000
† 120mm Basic Issue/ Direct Support Tools		-	-	-	11.000	48	0.528	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† M326 Quick Stow		-	-	-	37.000	26	0.963	-	-	0.000	-	-	0.000		-	-	-	-	0.000
† M67 Sight Units		-	-	-	5.000	274	1.370		70	0.420	-	-	0.000		-	-	-	-	0.000
† M1101 Trailers		-	-	-	10.000	100	0.963	-	-	0.000	10.000	48	0.480	-	-	0.000	10.000	48	0.480

LI G02200 - Mortar Systems Army UNCLASSIFIED
Page 3 of 8

Exhibit P-5, Cost Analysis: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

Item Nomenclature (Item Number, Item Name, DODIC):

2033A / BA 2 / BSA 10

G02200 - Mortar Systems

G02200 - Mortar Systems

		F	Prior Years	S		FY 2011			FY 2012		F`	Y 2013 Bas	se	F`	Y 2013 OC)	F`	Y 2013 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
† Round Counter		-	-	-	-	-	0.000	-	-	0.000	1.000	650	0.650	-	-	0.000	1.000	650	0.650
Production Engineering		-	-	-	-	-	2.540	-	-	2.007	-	-	2.160	-	-	0.000	-	-	2.160
Proof and Acceptance		-	-	-	-	-	0.350	-	-	0.250	-	-	0.234	-	-	0.000	-	-	0.234
Government ILS		-	-	-	-	-	0.352	-	-	0.350	-	-	0.350	-	-	0.000	-	-	0.350
Staging		-	-	-	-	-	0.550	-	-	0.500	-	-	0.500	-	-	0.000	-	-	0.500
Operations and New Equipment Training		-	-	-	-	-	0.860	-	-	0.665	-	-	0.860	-	-	0.000	-	-	0.860
First Article Test (BII and Baseplates)		-	-	-	-	-	0.260	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Total Recurring Cost				0.000			25.585			10.177			8.104			0.000			8.104
Total Flyaway Cost				0.000			25.585			10.177			8.104			0.000			8.104
Gross Weapon System Cost				-			25.585			10.177			8.104			-			8.104

Remarks:

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	237	43	-	-	-
	Total Obligation Authority	20.895	6.537	6.104	-	6.104
Army National Guard	Quantity	37	27	-	-	-
	Total Obligation Authority	4.690	3.640	2.000	-	2.000

LI G02200 - Mortar Systems Army UNCLASSIFIED
Page 4 of 8

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 2 / BSA 10

P-1 Line Item Nomenclature:
G02200 - Mortar Systems

G02200 - Mortar Systems

2033A / BA 2 / BSA 10				G02200 - MC	ortar Systems	S			G02200 - N	/iortar	Systems	
Cost Elements († indicates the presence of a P-21)	0 C 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†60mm Cannon Tubes		2011	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	May 2011	May 2012	194	22.000	Y		
†60mm Cannon Tubes		2012	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	Mar 2012	Mar 2013	70	22.000	Y		
60mm Baseplates		2011	Arlington Machine Tool / Fairfield, NJ	C/FP	Picatinny Arsenal, NJ	Aug 2011	Feb 2012	194	5.000	Υ		
60mm Baseplates		2012	Arlington Machine Tool / Fairfield, NJ	C/FP	Picatinny Arsenal, NJ	Mar 2012	Mar 2013	70	5.000	Υ		
60mm M8A1 Baseplate		2011	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	Jul 2012	Jul 2013	511	5.000	Υ		
60mm M8A1 Baseplate		2012	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	Jul 2012	May 2014	70	5.000	Υ		
60mm Bipods		2011	MaTech / Salisbury, MD	C/FP	Picatinny Arsenal, NJ	Sep 2011	Mar 2012	194	5.000	Y		
60mm Bipods		2012	MaTech / Salisbury, MD	C/FP	Picatinny Arsenal, NJ	Mar 2012	Mar 2013	70	5.000	Y		
60mm Basic Issue / Direct Support Tools		2011	Savit / Connect Corp / Parsippany, NJ / Irvine, CA	C/FP	Picatinny Arsenal, NJ	Sep 2011	Sep 2012	194	5.000	Υ		
60mm Basic Issue / Direct Support Tools		2012	Savit / Connect Corp / Parsippany, NJ / Irvine, CA	C/FP	Picatinny Arsenal, NJ	Jan 2012	Jan 2013	70	6.000	Υ		
60mm Direct Lay Sight		2011	TBS / TBS	C/FP	Picatinny Arsenal, NJ	Sep 2012	Mar 2014	596	7.000	Y		
60mm Direct Lay Sight		2012	TBS / TBS	C/FP	Picatinny Arsenal, NJ	Sep 2012	May 2014	425	7.000	Υ		
60mm Direct Lay Sight		2013	TBS / TBS	C/FP	Picatinny Arsenal, NJ	Mar 2013	Jul 2014	410	7.000	Y		
†81mm Cannon Tubes		2011	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	Sep 2011	Mar 2013	32	19.000	Y		
81mm Baseplates		2011	Arlington Machine Tool / Fairfield, NJ	C/FP	Picatinny Arsenal, NJ	Aug 2011	Aug 2012	32	5.000	Y		
81mm Bipods		2011	MaTech / Salisbury, MD	C/FP	Picatinny Arsenal, NJ	Sep 2011	Sep 2012	32	9.000	Y		
81mm Basic Issue / Direct Support Tools		2011	Savit / Connect Corp / Parsippany, NJ / Irvine, CA	C / FP	Picatinny Arsenal, NJ	Sep 2011	Sep 2012	32	14.000	Υ		
†120mm Cannon Tubes (M120)		2011	Watervliet Arsenal / Watervliet, NY	РО	Watervliet Arsenal, NY	Sep 2011	Sep 2012	48	18.000	Y		
120mm Baseplates		2011	Watervliet Arsenal / Watervliet, NY	РО	Watervliet Arsenal, NY	Sep 2011	Sep 2012	48	12.000	Y		
120mm Basic Issue/ Direct Support Tools		2011	Savit / Connect Corp / Parsippany, NJ / Irvine, CA	C/FP	Picatinny Arsenal, NJ	Sep 2011	Sep 2012	48	11.000	Y		

LI G02200 - Mortar Systems Army UNCLASSIFIED
Page 5 of 8

Exhibit P-5A, Budget Procurement History and Planning: P	B 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 2 / BSA 10	G02200 - Mortar Systems	G02200 - Mortar Systems

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M326 Quick Stow		2011	BAE Systems / Minneapolis, MN	C / FP	Picatinny Arsenal, NJ	Feb 2012	Feb 2013	26	37.000			
M67 Sight Units		2011	Savit / Connect Corp / Parsippany, NJ / Irvine, CA	C / FP	Picatinny Arsenal, NJ	Sep 2011	Sep 2012	274	5.000	Y		
M67 Sight Units		2012	Savit / Connect Corp / Parsippany, NJ / Irvine, CA	C / FP	Picatinny Arsenal, NJ	Jan 2012	Jan 2013	70	6.000	Υ		
M1101 Trailers		2011	PM LT TV / Warren, MI	C/FP	Warren, MI	Sep 2011	Sep 2012	100	10.000	Y		
M1101 Trailers		2013	PM LT TV / Warren, MI	C / FP	Warren, MI	Feb 2012	Feb 2013	48	10.000	Y		
Round Counter		2013	TBS / TBS	C / FP	Picatinny Arsenal, NJ	Mar 2013	Feb 2014	650	1.000	Y		

Remarks:

Ex	chibit	P-21	, Budge	et Pro	oducti	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012				
			on / Buo 2 / BSA		Activi	ty / B	udge	t Sub) Acti	vity:		1		tem N Morta			ure:								-	encla Morta					
			Cost Elem (Units in Ea								ı	Fiscal Y	ear 201	2									ı	iscal Y	ear 201	3					
	ACCEP DUE								Ca	lendar '	Year 20	12								Calend	dar Yea	r 2013									
0 C 0	MFR Ref#	FY	SERVICE [‡]	PROC QTY	PRIOR	_	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U L	A U G	S E P	B A L
60	mm Ca	nnon Tu	ubes																												
	1	2011	ARMY	194	0	194	-	-	-	-	-	-	-	50	50	44	-	50													
	1	2012	ARMY	70	0	70	-	-	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	30	30	10					
81	mm Ca	nnon Tu	ubes					•		•		•														,					
	2	2011	ARMY	32	0	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32							
12	0mm C	annon 7	Tubes (M12	20)																											
	3	2011	ARMY	48	0	48	-	-	-	-	-	-	-	-	-	-	-	20	28												
							0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	J U L	A U G	S E P	

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
, , , , , , , , , , , , , , , , , , ,		Item Nomenclature: G02200 - Mortar Systems

		PRODUC	TION RATES (Unit	s/Year)			PF	ROCUREMENT LE	ADTIME (Month	s)		
MFR						Initia	ıl			Reo	rder	
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	Watervliet Arsenal - Watervliet, NY	10	50	110	6	8	12	20	3	6	12	18
2	Watervliet Arsenal - Watervliet, NY	10	50	110	6	8	12	20	3	6	12	18
3	Watervliet Arsenal - Watervliet, NY	10	50	110	6	8	12	20	3	6	12	18

Remarks:

LI G02200 - Mortar Systems

Army

UNCLASSIFIED

Page 8 of 8

P-1 Line #19

154

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G01500 - M107, Cal. 50, Sniper Rifle

Vehicles / BSA 10: Weapons & Other Combat Vehicles

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

Other Related Program Elements:

P-1 Line #20

Date: February 2012

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	3,396	-	-	-	-	-	-	-	-	-	0	3,396
Gross/Weapon System Cost (\$ in Millions)	59.685	0.232	-	-	-	-	-	-	-	-	0.000	59.917
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	59.685	0.232	-	-	-	-	-	-	-	-	0.000	59.917
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	59.685	0.232	-	-	-	-	-	-	-	-	0.000	59.917
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	lsewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	17.846	-	-	-	-	-	-	-	-	0.000	0.018

Description:

The M107 is a .50 caliber rifle with attached optics/electro-optics that supports all weather, day/night tactical dominance via rapid-fire direct fire engagements with armor penetrating, incendiary, dual-purpose ammunition. The M107 provides a man-portable, materiel destruction capability to the sniper team. With a family of ammunition, the M107 enables sniper teams to employ destructive force at greater ranges and at a high rate of fire. The M107 also replaced existing non-standard, M82A1, .50 caliber rifles in Explosive Ordnance Detachments as detonation tools. The primary mission of this rifle is to engage and defeat materiel targets at extended ranges to include parked aircraft; command, control, communications, computers, and intelligence (C4I) sites; radar sites; ammunition storage sites; petroleum, oil and lubricant facilities; and various other thin skinned (lightly armored) materiel targets out to 2,000 meters. The M107 is used in a counter-sniper role, taking advantage of the longer stand-off range and increased terminal effect of opposing snipers armed with smaller caliber weapons out to 1,000 meters.

Seco	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army National Guard	Quantity	-	-	-	-	-
	Total Obligation Authority	0.232	-	-	-	-

Justification:

FY13 has no funding.

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 Item Justification Sheet: PB 2013 Army

Date: February 2012

28 617

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G01501 - XM320 Grenade Launcher Module (GLM)

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : A		Progran	n Elements f	or Code B Ite	ems:		Oth	ier Related P	rogram Elem	ients:		
	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	13,655	2,954	2,280	-	2,280	4,400	4,825	3,625	3,570	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	96.447	38.690	12.055	14.096	-	14.096	25.835	28.617	22.994	23.379	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	96.447	38.690	12.055	14.096	-	14.096	25.835	28.617	22.994	23.379	Continuing	Continuing
Procurement Quantity (Each) Gross/Weapon System Cost (\$ in Millions) Less PY Advance Procurement (\$ in Millions)	96.447	13,655 38.690	2,954 12.055	2,280 14.096	-	2,280 14.096	4,400 25.835	4,825 28.617 -	3,625 22.994 -	3,570 23.379 -	Continuing Continuing	Cont

Total Obligation Flathonty (\$\psi\$ in Milliono)	00.117	00.000	12.000	11.000		11.000	20.000	20.011	22.001	20.070	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	2.833	4.081	6.182	-	6.182	5.872	5.931	6.343	6.549	Continuing	Continuing

Description:

Plus CY Advance Procurement (\$ in Millions)

Total Obligation Authority (\$ in Millions)

The M320 Grenade Launcher Module (GLM) is a 40mm low-velocity grenade launching weapon that attaches underneath the barrel of both the M4 carbine series and M16 rifle series. The weapon replaces the M203 low-velocity grenade launcher. The M320 can also be fired in a standalone configuration. The M320 GLM improves on the current system with an open architecture that permits mounting on M16/M4 rifles and carbines, use of handheld laser rangefinder and the ability to convert to a standalone system enabling an increase in modularity. The M320 has side-loading unrestricted breech that permits the system to fire longer 40mm low-velocity NATO standard projectiles and other non-standard rounds. The weapon is more reliable and safer using a modern double-action trigger/firing system. First round hit probability has increased with a laser rangefinder.

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	13,480	1,743	1,345	-	1,345
	Total Obligation Authority	37.965	7.110	8.383	-	8.383
Army National Guard	Quantity	103	975	752	-	752
	Total Obligation Authority	0.427	3.980	4.599	-	4.599
Army Reserve	Quantity	72	236	183	-	183
	Total Obligation Authority	0.298	0.965	1.114	-	1.114

UNCLASSIFIED
Page 1 of 8

23 379 Continuing Continuing

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

G01501 - XM320 Grenade Launcher Module (GLM)

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Read)	, B=Not Service Rea	ady) : A	١.			Program	Element	s for Cod	e B Items	: :			Othe	er Related	d Progran	n Eleme	nts:			
Item Sche	dule		Р	rior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G01501 - XM320 Grenade Launcher Module (GLM)	P5, P5A, P21	Α	-	-	-	2.833	13,655	38.690	4.081	2,954	12.055	6.182	2,280	14.096	-	-	-	6.182	2,280	14.096
Total Gross/Weapon System Cost					96.447			38.690			12.055			14.096			-			14.096

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

Justification:

FY 2013 Base procurement dollars in the amount of \$14.096 million supports the Active Army, National Guard (NG) and Army Reserve (AR) by procuring 2,280 M320 Grenade Launcher Modules (GLMs). The GLM provides deploying units an improved capability over the M203 grenade launcher and enables the Warfighter to more accurately engage the enemy in both daylight or darkness.

The M320 is a safer, more reliable grenade launcher that reduces aiming error and increases first-round hit probability. The M320 GLM 40mm ammunition is loaded from the side thus providing easier access and permitting use of a wider range of ammunition as compared to the M203, originally fielded beginning in the mid 1970s.

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.

UNCLASSIFIED Page 2 of 8

								OI	CLASS	,,,,,,,,,									
Exhibit P-5, Cost	t Ar	nalysis:	PB 2013	Army											Date: Fe	ebruary 2	012		
Appropriation / E 2033A / BA 2 / BS			ivity / Bu	idget Si	ub Activ	ity:	1		Nomenc 20 Grena		ncher M	odule (Gl	_M)		Name, D	menclate DODIC): - XM320 (GLM)	•		
		Resou	ırce Sun	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 201	3 OCO	FY 2013	3 Total
Procurement Quantity	(Ea	ch)							-		13,655		2,954		2,280		-		2,280
Gross/Weapon Syster	n Co	st (\$ in Mi	llions)						-		38.690		12.055		14.096		-		14.096
Less PY Advance Pro		•							-		-		-		-		-		
Net Procurement (P1)			/						-		38.690		12.055		14.096		-		14.096
Plus CY Advance Pro	• •		Millions)						-		-		_		_		_		_
Total Obligation Author		• • • • • • • • • • • • • • • • • • • •							-		38.690		12.055		14.096		_		14.096
- otal obligation / tatilo		(+	-	e following	Resource Si	ummary row	s are for int	formational r	ournoses onl	v The corre		udget reques		umented els					
Initial Spares (\$ in Mill	lions)	(777)	c ronowing	710304700 01	uninary rows	are for inf	ormationar p	_	y. The cone	-	auget reques	_	amentea eta	-		_		
Gross/Weapon Syster		,	in Thousan	de)					_		2.833		4.081		6.182		_		6.182
Gross/Weapon System	11 01	· ·	Prior Years			FY 2011			FY 2012			Y 2013 Bas			Y 2013 O	<u> </u>		Y 2013 Tot	
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost		Total Cost	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost		Total Cost (\$ M)	Unit Cost		Total Cost	Unit Cost		Total	Unit Cost		Total Cost
Flyaway Cost																,			
Recurring Cost																			
† 1. M320 Grenade Launcher		-	-	-	2.040	13,655	27.856	2.144	2,954	6.334	2.235	2,280	5.096	-	-	0.000	2.235	2,280	5.096
† 2. Laser Range Finder (LRF)		-	-	-	0.315	14,100	4.442	-	-	0.000	-	-	0.000		-	-	-	-	0.000
† 3. New Day Night Sight(DNS) /LRF Combo		-	-	-	-	-	0.000	-	-	0.000	2.700	2,280	6.156	-	-	0.000	2.700	2,280	6.156
4. Tool Set		-	-	-	0.112	409	0.046	0.211	147	0.031	0.456		0.03		-	0.000	0.456	68	0.031
5. Arms Racks		-	-	-	0.638	683	0.436	0.791	148	0.117	0.842	114	0.096		-	0.000	0.842	114	0.096
6. Engineering, Test, and Evaluation Spt		-	-	-	-	-	0.905	-	-	1.155	-	-	1.142		-	0.000	-	-	1.142
7. Integrated Logistics Support (ILS)		-	-	-	-	-	0.150	-	-	0.131	-	-	0.345		-	0.000	-	-	0.345
8. Total Package Fielding (TPF)		-	-	-	-	-	0.400	-	-	0.370	-	-	0.390		-	0.000	-	-	0.390
9. New Equipment Training (NET)		-	-	-	-	-	0.590	-	-	0.385	-	-	0.840		-	0.000	-	-	0.840
10. Tech Data Package/Data Rights		-	-	-	-	-	3.500	-	-	0.800	-	-	0.000		-	-	-	-	0.000
11. Training Device		-	-	-	-	-	0.365	-	-	2.732	-	-	0.000		-	-	-	-	0.000
Total Recurring Cost	-			0.000			38.690	-		12.055	-		14.096	-		0.000			14.096
Total Flyaway Cost Gross Weapon System Cost				0.000			38.690 38.690			12.055 12.055			14.096 14.096			0.000			14.096 14.096

LI G01501 - XM320 Grenade Launcher Module (GLM) Army

UNCLASSIFIED
Page 3 of 8

Exhibit P-5, Cost Analysis: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)	Item Nomenclature (Item Number, Item Name, DODIC): G01501 - XM320 Grenade Launcher Module (GLM)

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	13,480	1,743	1,345	-	1,345
	Total Obligation Authority	37.965	7.110	8.383	-	8.383
Army National Guard	Quantity	103	975	752	-	752
	Total Obligation Authority	0.427	3.980	4.599	-	4.599
Army Reserve	Quantity	72	236	183	-	183
	Total Obligation Authority	0.298	0.965	1.114	-	1.114

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 ArmyDate: February 2012Appropriation / Budget Activity / Budget Sub Activity:P-1 Line Item Nomenclature:Item Nomenclature:2033A / BA 2 / BSA 10G01501 - XM320 Grenade Launcher Module (GLM)G01501 - XM320 Grenade Launcher Module (GLM)

Cost Elements († indicates the presence of a P-21)	0 0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†1. M320 Grenade Launcher		2011	Heckler & Koch Defense, Inc / Ashburn, VA	SS/FFP	ACC-TACOM, Warren, MI	Jun 2011	Nov 2011	13,655	2.040			
†1. M320 Grenade Launcher		2012	TBD / TBD	C / FFP	ACC-Picatinny, Picatinny, NJ	Apr 2013	Jul 2013	2,954	2.144	N		
†1. M320 Grenade Launcher		2013	TBD / TBD	C / FFP	ACC-Picatinny, Picatinny, N	Apr 2013	Oct 2013	2,280	2.235	N		
2. Laser Range Finder (LRF)		2011	Bushnell Sports Optics / Overland Park, KS	SS / FFP	ACC-TACOM, Warren, MI	Jun 2011	Sep 2011	14,100	0.315			
3. New Day Night Sight(DNS) /LRF Combo		2013	TBD / TBD	C / FFP	ACC-Picatinny, Picatinny, NJ	Apr 2013	Jul 2013	2,280	2.700	N		

Remarks:

UNCLASSIFIED
Page 5 of 8

Ex	hibit	P-21	I, Budge	et Pr	oduct	ion S	ched	ule: P	B 20	13 Arı	my													Date	: Feb	ruary	2012				
			on / Bud 2 / BSA		Activ	ity / B	udge	t Sub	Acti	vity:		P-1 L G015						ncher	Modu	ıle (G	LM)			G01		encla XM32 SLM)			e Laur	ncher	
			Cost Elem (Units in Ea								F	iscal Ye	ear 2012	2									F	iscal Y	ear 201	3					
						BAL								Ca	lendar`	Year 20	12								Calen	dar Yea	r 2013				
0 C 0	MFR Ref#	FY	SERVICE [‡]	PROC QTY			O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U	A U G	S E P	B A L
1.	M320 G	irenade	e Launcher						·					·			·														
	1	2011	ARMY	13655	5 0	13655	-	650	487	650	650	650	650	747	750	750	750	750	1400	1500	1500	1200	571								
	1	2011	◆ AF	813	3 0	813	-	-	-	-	-	-	-	-	-	-	-	713	100	-	-	-	-								
	1	2011	TOTAL	14468	3 0	14468	-	650	487	650	650	650	650	747	750	750	750	1463	1500	1500	1500	1200	571								
	2	2012	ARMY	2954	0 4	2954	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	329	400	400	182
	2	2013	ARMY (1)	2280	0	2280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	228
	,				•		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	T U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

														UNG	CLA	SSIF	FIED														
E	xhibi	P-21	I, Budg	et Pro	oduct	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012				
			on / Bu 2 / BSA		Activi	ty / B	udge	t Sub	Acti	vity:					Nome 20 Gre			ncher	Mod	ule (G	SLM)			G01		XM32	ature: 20 Gre	-	e Lauı	ncher	
			Cost Elem (Units in E								F	iscal Y	ear 201	4									!	Fiscal Y	ear 201	15					
					ACCE	BAL								Ca	lendar	Year 2	014	1	1	1	1				Calen	dar Yea	ır 2015				
0 0	MFR Ref#	FY	SERVICE	PROC QTY	PRIOR TO 1	AS OF 1	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U	A U G	S E P	B A L
1.	M320	Grenade	e Launcher												ı		-1					1									
	1	2011	ARMY	13655	13655	0																									
	1	2011	◆ AF	813	813	0																									
	1	2011	TOTAL	14468	-									1																	
	2		ARMY	2954			400	200	200	200		300				1															
_	2	2013	ARMY (1)	2280	0	2280	250	250	250	280	300	200	250	250	250																
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N J	J L	U G	S E P	

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)	Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)

		PRODUC	CTION RATES (Uni	ts/Year)				PROCUREMENT LE	ADTIME (Month	s)		
MFF	R					Initia	ıl			Reo	rder	
Ref					ALT Prior			Total After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1
1	Heckler & Koch Defense, Inc - Ashburn, VA	3600	9000	18000	3	8	6	14	3	8	6	14
2	TBD - TBD	3600	9000	18000	3	18	4	. 22	3	6	7	13

Remarks:

M320 shows break in production after final buy was met with H&K. Competion process had been initiated in FY12.

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

⁽¹⁾BASE

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G01505 - M110 Semi-Automatic Sniper System (SASS)

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : A		Progran	n Elements f	or Code B It	ems: 060460	1A	Oth	er Related P	rogram Elen	ents:				
	Prior			FY 2013	FY 2013	FY 2013					То			
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total		
Procurement Quantity (Each)	-	844	-	-	-	-	-	-	-	-	0	844		
Gross/Weapon System Cost (\$ in Millions)	39.493	18.429	-	-	-	-	-	-	-	-	0.000	57.922		
ess PY Advance Procurement (\$ in Millions)														
Net Procurement (P1) (\$ in Millions)	39.493	18.429	-	-	-	-	-	-	-	-	0.000	57.922		
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-		
Total Obligation Authority (\$ in Millions)	39.493	18.429	-	-	-	-	-	-	-	-	0.000	57.922		
(The fo	ollowing Resource	Summary rows	are for informa	ational purposes	only. The corre	esponding budg	et requests are	documented e	lsewhere.)	,				

(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The M110 7.62 x 51mm Semi-Automatic Sniper System (SASS) is effective against personnel and light material targets. It supplements the sniper's role to support combat operations with greater, more responsive firepower and greater flexibility/versatility to improve sniper survivability. The M110 SASS is a rapid-fire, rapid-reload, suppressed sniper rifle that exceeds the rate-of-fire and lethality of the existing M24 Sniper Weapon System. SASS anti-personnel ranges are equal to or greater than the M24. SASS includes the M151 Enhanced Sniper Spotting Scope, Laser Filter Units, Anti Reflective Devices, and Detachable Box Magazines.

				FY 2013	FY 2013	FY 2013
Seco	ondary Distribution	FY 2011	FY 2012	Base	осо	Total
Army Active	Quantity	567	-	-	-	-
	Total Obligation Authority	14.334	-	-	-	-
Army National Guard	Quantity	277	-	-	-	-
	Total Obligation Authority	4.095	-	-	-	-

Item Sche	dule		Р	rior Year	's		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	2013 T o	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G01505 - M110 Semi- Automatic Sniper System (SASS)	P5, P5A, P21	A	-	-	-	-	844	18.429	-	-	-	-	-	-	-	-	-	-	-	-
Total Gross/Weapon System Cost					39.493			18.429			-			-			-			-

UNCLASSIFIED
Page 1 of 8

	UNCL	ASSIFIED	
Exhibit P-40, Budget Item Justification Sheet	t: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub 2033A : Procurement of W&TCV, Army / BA 2 : Vehicles / BSA 10 : Weapons & Other Combat \	Weapons and Other Combat	P-1 Line Item Nom G01505 - M110 Ser	enclature: mi-Automatic Sniper System (SASS)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code E		Other Related Program Elements:
'Item Nomenclature represents Item Number, DODIC, and Item Nam	ne for the P40A and P5; Name for the P18 and P2	23; Modification Number and Mod	dification Title for the P3A; Item Number and Item Name for the P10.
Justification: FY13 has no funding.			
In accordance with Section 1815 of the FY 2008 National defense missions, domestic emergency responses, and p		this item is necessary for use	by the active and reserve components of the Armed Forces for homeland

LI G01505 - M110 Semi-Automatic Sniper System (SASS) Army

								011	CLASS										
Exhibit P-5, Cost	t Ar	nalysis:	PB 2013	Army										I	Date: Fe	ebruary 2	012		
Appropriation / E 2033A / BA 2 / BS			vity / Bu	idget Si	ub Activ	ity:			Nomend 0 Semi-A		c Sniper	System	(SASS)		Name, D	menclate DODIC): - M110 S (SASS)	,		
		Resou	ırce Sun	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 2013	3 ОСО	FY 2013	3 Tota
Procurement Quantity	(Ea	ch)							-		844		-		-		-		_
Gross/Weapon Syster	n Cc	ost (\$ in Mi	llions)						-		18.429		-		-		_		_
Less PY Advance Pro									-		-		-		-		-		_
Net Procurement (P1)	(\$ ir	n Millions)	· · ·						-		18.429		-		-		-		-
Plus CY Advance Prod	cure	ment (\$ in	Millions)						-		-		-		-		_		_
Total Obligation Autho		<u> </u>							-		18.429		-		-		-		
	,	()		e following	Resource Si	ummary row	s are for inf	ormational p	purposes on	ly. The corre	sponding b	udget reques	ts are docu	ımented els	ewhere.)				
Initial Spares (\$ in Mill	lions)							-	<u>- </u>	-		-		-		-		-
Gross/Weapon Syster	n Ur	nit Cost (\$	in Thousan	ıds)					-		-		-		-		-		-
		· ·	Prior Years			FY 2011			FY 2012		F`	Y 2013 Bas	se	F	Y 2013 O	co	F`	Y 2013 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost
Flyaway Cost		(\$11)	(Lacii)	(ψ W)	(ψ / (γ	(Lacii)	(Ψ W)	(\$17)	(Lacil)	(Ψ W)	(\$11)	(Lacil)	(Ψ /ν/)	(ΦΙΛ)	(Lacii)	(\$ W)	(ψ / ()	(Lacii)	(\$ 101)
Recurring Cost						-													
† SASS Weapons		-	-	-	11.214	844	9.465	-	-	0.000	-	-	0.000	-	-	-	-	-	0.0
† Anti Reflection Devices (ARD)		-	-	-	0.200	1,062	0.212	-	-	0.000	-	-	0.000	-	-	-	-	-	0.0
† Spotting Scope Items		-	-	-	0.500	700	0.359	-	-	0.000	-	-	0.000	-	-	-	-	-	0.0
† Ancilliary Items		-	-	-	9.500	700	6.653	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
2. Shipping (GBL)		-	-	-	-	-	0.070	-	-	0.000	-	-	0.000		-	-	-	-	0.00
Engineering Support		-	-	-	-	-	0.570	-	-	0.000	-	-	0.000	-	-	-	-	-	0.0
4. Testing		-	-	-	-	-	0.050	-	-	0.000	-	-	0.000	-	-	-	-	-	0.0
Integrated Logistics Support (ILS)		-	-	-	-	-	0.500	-	-	0.000	-	-	0.000	-	-	-	-	-	0.0
6. New Equipment Training (NET)		-	-	-	-	-	0.300	-	-	0.000	-	-	0.000	-	-	-	-	-	0.0
7. Total Package Fielding (TPF)		-	-	-	-	-	0.250	-	-	0.000	-	-	0.000	-	-	-	-	-	0.0
Total Recurring Cost				0.000			18.429			0.000			0.000			0.000			0.00
Total Flyaway Cost				0.000			18.429			0.000			0.000			0.000			0.0
Gross Weapon System Cost				-			18.429			-			-			-			-

LI G01505 - M110 Semi-Automatic Sniper System (SASS) Army

UNCLASSIFIED
Page 3 of 8

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10 P-1 Line Item Nomenclature: G01505 - M110 Semi-Automatic Sniper System (SASS) Item Nomenclature (Item Number, Item Name, DODIC): G01505 - M110 Semi-Automatic Sniper System (SASS)	Exhibit P-5, Cost Analysis: PB 2013 Army			Date: February	/ 2012
			Sniper System (SASS)	<i>Name, DODIC</i> G01505 - M11): 0 Semi-Automatic Sniper

Sec	condary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	567	-	-	-	-
	Total Obligation Authority	14.334	-	-	-	-
Army National Guard	Quantity	277	-	-	-	-
	Total Obligation Authority	4.095	-	-	-	-

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 10

P-1 Line Item Nomenclature:
G01505 - M110 Semi-Automatic Sniper System (SASS)

Base Septimized Semi-Automatic Sniper System (SASS)

Control of the Nomenclature:
G01505 - M110 Semi-Automatic Sniper System (SASS)

Cost Elements († indicates the presence of a P-21)	0 0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†SASS Weapons		2011	Knights Armaments Co. / Titusville, Florida	C / FFP	ACC-Picatinny, Picatinny, NJ	Mar 2011	Aug 2011	144	11.214			
†SASS Weapons		2011	Knights Armaments Co. C2 / Titusville, Florida	SS/FFP	ACC-Picatinny, Picatinny, NJ	Jun 2012	Sep 2012	700	11.214			
Anti Reflection Devices (ARD)		2011	Knights Armaments Co. / Titusville, Florida	C / FFP	ACC-TACOM, Warren, MI	Mar 2011	Jun 2011	1,062	0.200			
Spotting Scope Items		2011	TBD / TBD	C / FFP	ACC-TACOM, Warren, MI	Jun 2012	Sep 2012	700	0.500			
Ancilliary Items		2011	Knights Armaments Co. / Titusville, Florida	C / FFP	ACC-Picatinny, Picatinny, NJ	Jun 2012	Sep 2012	700	9.500			

Remarks:

In response to HQDA G8 AAO increase of an additional quantity of 700 dated July 25, 2011.

Exhibit	P-21	1, Budge	t Pro	ducti	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012)			
		on / Bud 2 / BSA [^]	_	Activi	ty / B	udge	t Sub	Acti	vity:		1		tem N M110				c Snip	er Sy	/stem	(SAS	SS)		G01	Nom 505 - em (S	M110) Sem		omati	c Snip	per
		Cost Eleme								ı	Fiscal Y	ear 201	1									F	iscal Y	ear 201	2					
					BAL								Ca	lendar	Year 20	11								Calen	dar Yea	r 2012				
0				ACCEP PRIOR		o	N	D	J	F	М	А	м	J	J	Α	S E	0	N	D	J	F	м	A	м	J	J	А	s	В
C MFR O Ref#	FY	SERVICE [‡]	PROC QTY	TO 1 OCT	OF 1 OCT	C	O V	E	A N	E B	A R	P R	A	U N	U	U G	E	C	O V	E C	A N	E B	A R	P R	A	U	U	U G	E	A
SASS We		1	QII	001	001	<u> </u>	_ v		l IN	_ B	K	I K	<u> </u>	14			F	'	V	U	- IN	_ B	K	l K		I N	_ L	_ G	F	
1	2011	ARMY	144	0	144	-	-	-	-	-	Α -	-	-	-	-	18	40	40	40	6										
2	2011	ARMY	700	0	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	75	625
1	2011	TOTAL	144	0	144	-	-	-	-	-	-	-	-	-	-	18	40	40	40	6								•		
		,			,	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	n 1	A U G	S E P	

P-1 Line #22

169

														UNG	CLA	SSI	FIED)						_							
			l, Budg								-													-			y 201				
			on / Bu o 2 / BSA		Activ	ity / B	udge	t Sub	Acti	ivity:							ature: tomat		iper S	Syster	n (SA	SS)		G01	505 -				tomati	c Sni	per
			Cost Elem								Fi	iscal Ye	ear 201	3										Fiscal `	Year 20	14					
						BAL								Ca	lenda	r Year 2	2013								Caler	ndar Ye	ar 2014	4			
	MFR Ref#	FY	SERVICE	PROC ‡ QTY	PRIOF	OF 1	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J L	A U G	S E P	B A L
SA	SS We																•											•			
_	1		ARMY	144											1																
\rightarrow	2		ARMY	700				80	80	80	80	80	80	65]																
	1	2011	TOTAL	144	144	0	0	N	D		F	М	Α	M	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	s	
							C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A	U N	U L	U G	E P	

Exhibit P-21, Budget Production Schedule: PB 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	Item Nomenclature: G01505 - M110 Semi-Automatic Sniper System (SASS)

_												
		PRODUC	CTION RATES (Un	its/Year)			P	ROCUREMENT L	EADTIME (Months	s)		
MF	र					Ini	tial			Reo	rder	
Re	f				ALT Prior			Total After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1
1	Knights Armaments Co Titusville, Florida	400	2400	6000	3	5	6	11	3	20	5	25
2	Knights Armaments Co. C2 - Titusville, Florida	400	2400	6000	3	5	5	10	3	20	5	25

Remarks:

Break in production due to additional quantity requested in July 2011.

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

0.000

0.026

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G14904 - M4 Carbine

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : A		Progran	n Elements f	or Code B Ite	ems:		Ot	her Related P	rogram Elem	nents:		
	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	11,494	12,000	-	-	-	-	-	-	-	0	23,494
Gross/Weapon System Cost (\$ in Millions)	570.305	20.066	21.700	-	-	-	-	-	-	-	0.000	612.071
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	570.305	20.066	21.700	-	-	-	-	-	-	-	0.000	612.071
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	570.305	20.066	21.700	-	-	-	-	-	-	-	0.000	612.071
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	get requests are	documented e	sewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Gross/Weapon System Unit Cost (\$ in Thousands)

The M4 and M4A1 Carbine series are 5.56mm, gas-operated, air-cooled, magazine-fed, selective-rate, shoulder-fired weapon. The M4A1 has a heavier barrel to sustain automatic fire. The series is fed by a 30-round magazine and has continued to replace select M16 series rifles and select M9 pistols. It provides the individual Soldier operating in close quarters the capability to engage targets at extended ranges with accurate lethal fire. More compact than the M16 series rifle and featuring a collapsible stock, it achieves over 85% commonality with the M16A4 Rifle. The M4/M4A1 carbine also includes a combat optic and the Modular Weapon System (MWS) which provides six (6) additional magazines, the M4 Rail Assembly System and the back-up iron sight.

1.746

1.808

Seco	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	5,966	9,156	-	-	-
	Total Obligation Authority	10.321	16.546	-	-	-
Army National Guard	Quantity	3,745	396	-	-	-
	Total Obligation Authority	6.595	0.719	-	-	-
Army Reserve	Quantity	1,783	2,448	-	-	-
	Total Obligation Authority	3.150	4.435	-	-	-

Item Sch	edule		P	rior Year	's		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G14904 - M4 Carbine	P5, P5A, P21	Α	-	-	-	1.746	11,494	20.066	1.808	12,000	21.700	-	-	-	-	-	-	-	-	-

LI G14904 - M4 Carbine
Army

UNCLASSIFIED
Page 1 of 6
P-1 Line #23

								UNC	CLASS	SIFIED)									
Exhibit P-40, Buc	iget Item Ju	stifi	cation	Sheet:	PB 2013	3 Army									Date	: Febr	uary 201	12		
Appropriation / B 2033A : Procurem Vehicles / BSA 10	Budget Activent of W&T0	rity /	Budge Army / B	t Sub <i>A</i> BA 2 : W	Activity: Veapons		her Co	mbat			Item No - M4 Ca		ature:							
ID Code (A=Service Ready	, B=Not Service Rea	ady) : A	L.		1	Program	Element	s for Cod	e B Item	s:			Oth	er Relate	d Prograr	n Eleme	nts:			
Item Sche	dule		Р	rior Year	rs		FY 2011			FY 2012	2	FY	2013 B	ase	FY	′ 2013 O	со	F	Y 2013 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cos
Total Gross/Weapon System Cost					570.305			20.066			21.700			-			-			-
*Item Nomenclature repre	sents Item Numb	er, DO	DIC, and It	em Name	for the P40	A and P5;	Name for t	the P18 and	d P23; Mod	lification N	umber and	Modificatio	n Title for	the P3A; Ite	em Number	and Item	Name for t	⊥ ne P10.		
defense missions, de	omestic emerge	ency r	esponses	, and pro	viding mili	tary supp	ort to civi	il authoritie	es.											

Exhibit P-5, Cost	Analysis	: PB 2013	Army											Date: Fe	ebruary 2	012		
Appropriation / E 2033A / BA 2 / BS		tivity / Bu	udget S	ub Activ	ity:		ne Item 1 04 - M4 C		lature:					Item No Name, E G14904	ODIC):	•	n Numbe	r, Item
	Resc	ource Sur	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Procurement Quantity	(Each)							-		11,494		12,000		-		-		-
Gross/Weapon Syster	n Cost (\$ in N	/lillions)						-		20.066		21.700		-		-		-
Less PY Advance Pro	curement (\$	n Millions)						-		-		-		-		-		-
Net Procurement (P1)	(\$ in Millions	<u>.</u>)						-		20.066		21.700		-		-		-
Plus CY Advance Prod	curement (\$ i	n Millions)						-		-		-		-		-		-
Total Obligation Author	rity (\$ in Milli	ons)						-		20.066		21.700		-		-		-
-		(Th	e following	Resource S	ummary row	s are for in	formational p	ourposes onl	y. The corre	sponding	budget reques	sts are docu	umented els	sewhere.)				
Initial Spares (\$ in Mill	ions)	,					,	-		-	- ,	-		-		-		-
Gross/Weapon Syster		in Thousar	nds)					-		1.746		1.808		-				_
	<u> </u>	Prior Years			FY 2011			FY 2012			FY 2013 Bas	se	F	Y 2013 O	0	F	Y 2013 Tot	al
Cost Elements († indicates the presence of a P-5A)	ID Unit Cos	t Quantity	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cost	Quantity (Each)	Total Cost	Unit Cos	t Quantity	Total Cost	Unit Cost	t Quantity	Total Cost	Unit Cost		Total Cost
Flyaway Cost	(+)	(===:/	(+ /	(+)	(===,)	(+)	(+ /	(====)	(+)	(+11)	(====)	(+ /	(+)	(====)	(+)	(+ 11)	(===:/	(+ /
Recurring Cost																		
† 1. M4 Carbine Series	-	-	-	1.309	11,494	15.042	1.309	12,000	15.705	-	-	0.000	-	-	-	-	-	0.00
† 2. Combat Optics	-	-	-	0.333	11,494	3.827		12,000	3.987	-	-	0.000	-	-	-	-	-	0.00
Engineering, Test and Evaluation Spt	-	-	-	-	-	0.737	-	-	1.308	-	-	0.000	-	-	-	-	-	0.00
Integrated Logistics Support	-	-	-	-	-	0.100	-	-	0.200	-	-	0.000	-	-	-	-	-	0.00
4. Total Package Fielding (TPF)	-	-	-	-	-	0.360	-	-	0.500	-	-	0.000	-	-	-	-	-	0.0
Total Recurring Cost			0.000			20.066			21.700			0.000	_		0.000			0.00
Total Flyaway Cost			0.000			20.066			21.700			0.000			0.000			0.00
Gross Weapon System Cost			-			20.066	i		21.700			-			-			-
Remarks:																		
Seco	ondary Distr	ibution			FY 201	1		FY 201	2		FY 2013 Base	3		FY 2013 OCO	3		FY 2013 Total	
Army Active	Quantity					5,9	966		9,15	66		-			-			-
	Total Obligation	Authority				10.3	321		16.54	16		-			-			-
Army National Guard	Quantity						745		39	-		-			-			-
	Total Obligation	Authority					595		0.71			-			-			-
Army Reserve	Quantity	A the model				783		2,44			-			-			-	
	Total Obligation	Authority				3.1	150		4.43	55		-	1		-	1		-

LI G14904 - M4 Carbine Army UNCLASSIFIED
Page 3 of 6

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 2 / BSA 10

P-1 Line Item Nomenclature:
G14904 - M4 Carbine

Date: February 2012

Item Nomenclature:
G14904 - M4 Carbine

Cost Elements († indicates the presence of a P-21)	0 0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. M4 Carbine Series		2010	TBD / TBD	SS/FFP	ACC-TACOM, Warren, MI	Mar 2010	Feb 2011	12,000	1.266			
†1. M4 Carbine Series		2011	TBD / TBD	C / FFP	ACC-TACOM, Warren, MI	Mar 2012	Mar 2013	11,494	1.309			
†1. M4 Carbine Series		2012	TBD / TBD	C / FFP	ACC-TACOM, Warren,MI	Mar 2012	Apr 2013	12,000	1.309	N		
2. Combat Optics		2011	Aimpoint / Chantity, VA	C / FFP	ACC- Picatinny, NJ	Feb 2011	Apr 2011	11,494	0.333			
2. Combat Optics		2012	Aimpoint / Chantity, VA	C / FFP	ACC- Picatinny, NJ	Jun 2012	Nov 2012	12,000	0.332	N		

Remarks:

LI G14904 - M4 Carbine

Army

UNCLASSIFIED

Page 4 of 6

E	khibit	P-21	, Budge	et Pro	duct	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012	<u>.</u>			
			on / Buo 2 / BSA		Activi	ty / B	udge	t Sub	Acti	vity:				tem N M4 C		nclat e	ure:										ature: arbin				
		(Cost Elem (Units in Ea								F	iscal Y	ear 201	3									F	iscal Y	ear 201	4					
						BAL								Ca	lendar `	Year 20	13	·							Calen	dar Yea	r 2014				
000	MFR Ref#	FY	SERVICE [‡]	PROC QTY	ACCEF PRIOR TO 1 OCT	1 - 1	0 C T	N O V	DEC	J A N	F E B	M A R	A P R	M A Y	N J	T U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N N	N N	A U G	S E P	B A L
1.	M4 Carl	bine Se	ries																												
	1	2011	ARMY	11494	0	11494	-	-	-	-	-	1920	1915	1915	1915	1915	1914														
	1	2011	◆ MC	1987	0	1987	-	-	-	-	-	-	-	165	337	165	165														
	1	2011	◆ AF	6087	0	6087	-	-	-	-	-	-	-	507	507	507	507														
	1	2011	◆ FMS	17104	0	17104	-	-	-	-	-	-	-	-	1000	1410	1415														
	1	2011	TOTAL	36672	0	36672	-	-	-	-	-	1920	1915	2587	3759	3997	4001														
	1	2012	ARMY	12000	0	12000	-	-	-	-	-	-	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000							
	1	2012	◆ MC	2875	0	2875	-	-	-	-	-	-	-	-	-	-	-	1437	1438	-	-	-	-	-							
	1	2012	◆ AF	2551	0	2551	-	-	-	-	-	-	-	-	1275	1276	-	-	-	-	-	-	-	-							
	1	2012	TOTAL	17426	0	17426	-	-	-	-	-	-	1000	1000	2275	2276	1000	2437	2438	1000	1000	1000	1000	1000							
	O N D J F C O E A E T V C N B												A P R	M A Y	J U	J J	A U G	S E P	O C T	N O V	DEC	J A N	F E B	M A R	A P R	M A Y	J	N N	A U G	S E P	

UNCLASSIFIED
Page 5 of 6

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 2 / BSA 10	G14904 - M4 Carbine	G14904 - M4 Carbine

		PRODUC	CTION RATES (Un	its/Year)			Р	ROCUREMENT LE	EADTIME (Months	s)		
MFI	3					Init	ial			Reo	rder	
Re					ALT Prior			Total After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1
1	TBD - TBD	12000	36000	144000	3	17	13	30	3	5	14	19

Remarks:

Break in production due to full and open competition required for new contract.

[‡] Delivery rows marked with the \bullet symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G13501 - Carbine

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

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

Program Elements for Code B Items: 0604601A Other Related Program Elements:

ID Code (A=Service Ready, B=Not Service Ready) : D		Fiograi	III Elelliellis i	or code b ite	iiis. 000400	i A	Otti	ei Keialeu F	rogram Elem	ienis.		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	12,000	-	12,000	25,840	20,622	20,303	17,774	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	-	-	-	21.272	-	21.272	70.846	70.920	70.976	64.031	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	21.272	-	21.272	70.846	70.920	70.976	64.031	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	21.272	-	21.272	70.846	70.920	70.976	64.031	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	1.773	0.000	1.773	-	-	-	-	Continuing	Continuing

Description:

This funding is used to procure carbine weapons for the Army. The carbine is more compact than the M16 rifle series since it uses a shorter barrel and collapsible stock. Currently the Army uses the M4 and M4A1 Carbines. These carbines are 5.56mm, gas operated, air-cooled, selective-rate, shoulder fired small arms weapons. The M4 mode of fire is safe/semi-automatic/3-round burst and the M4A1 mode of fire is the same as the M4 but provides full automatic capability instead of the 3-round burst (safe/semi-automatic/full automatic). The M4A1 Carbine is produced with a heavier barrel to accommodate and sustain a higher rate of fire using the full automatic mode of fire. The M4/M4A1 Carbine also includes a combat optic, back-up iron sight, and the adapter rail system to attach accessories and components.

The Army is conducting a full and open competition to potentially replace the M4/M4A1 Carbines. The Individual Carbine (IC) competition is seeking a COTS Weapon that is more reliable, durable, and modular carbine weapon that is easier to maintain.

Item Sche	dule		Р	rior Year	's		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G13501 - Carbine	P5, P5A, P21	В	-	-	-	-	-	-	-	-	-	1.773	12,000	21.272	0.000	-	-	1.773	12,000	21.272
Total Gross/Weapon System Cost					-			-			-			21.272			-			21.272

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

Justification:

The FY13 Base procurement dollars in the amount of \$21.272 million supports the Active Army by purchasing 12,000 M4A1 Carbines with combat optics. The purchase of the carbines enhances current capability allowing the Soldier to engage targets in full automatic mode of fire at a higher sustained rate of fire as compared to the M4 Carbine.

Exhibit P-40, Budget Item Justification She	et: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Su 2033A : Procurement of W&TCV, Army / BA 2 Vehicles / BSA 10 : Weapons & Other Comba	: Weapons and Other Combat	P-1 Line Item Nome G13501 - Carbine	enclature:
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code	B Items : 0604601A	Other Related Program Elements:
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code at Defense Authorization Act (P.L. 110-181),	this item is necessary for use b	Other Related Program Elements: by the active and reserve components of the Armed Forces for homeland

 LI G13501 - Carbine
 UNCLASSIFIED

 Army
 Page 2 of 6

 P-1 Line #24
 179

Exhibit P-5, Cost	t An	alysis:	PB 2013	Army											Date: Fe	ebruary 2	012		
Appropriation / E 2033A / BA 2 / BS			vity / Bu	ıdget Sı	ıb Activ	ity:		ne Item I)1 - Carb		lature:					Name, L	menclati OODIC): - Carbine	•	n Number	r, Item
		Resou	ırce Sur	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	Base	FY 2013	3 ОСО	FY 2013	3 Total
Procurement Quantity	(Ead	ch)							-		-		-		12,000		-		12,00
Gross/Weapon Syster	n Co	st (\$ in Mi	llions)						-		-		-		21.272		-		21.27
Less PY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		-
Net Procurement (P1)	(\$ ir	Millions)							-		-		-		21.272		-		21.27
Plus CY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		-
Total Obligation Author	rity (\$ in Million	ns)						-		-		-		21.272		-		21.27
			(Th	e following	Resource S	ummary row	s are for in	formational p	ourposes onl	y. The corre	esponding b	oudget reques	sts are docu	mented els	ewhere.)		*		
Initial Spares (\$ in Mill	ions))							-		-		-		-		-		-
Gross/Weapon Syster	n Un	it Cost (\$	n Thousar	ıds)					-		-		-		1.773		0.000		1.77
		F	Prior Years	3		FY 2011			FY 2012		F	Y 2013 Bas	se	F	Y 2013 O	co	F	Y 2013 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
	1 1	1, ,	(/	(, ,	(. ,	, ,					1 ' '	(,	(,	1 ' '		(, ,		(,	(, ,
Flyaway Cost									(/	, ,	•			,					
Flyaway Cost Recurring Cost									(***)										
Recurring Cost † 1. M4A1 Carbine		-	-	-	-	-	0.000		-	0.000			15.696	-	-	0.000	1.308	12,000	
Recurring Cost † 1. M4A1 Carbine † 2. Combat Optics		-	-	-	-	-	0.000	-		0.000	0.269	12,000	3.228	-	-	0.000	0.269	12,000 12,000	3.22
Recurring Cost † 1. M4A1 Carbine								-	-	0.000	0.269				_		0.269		15.69 3.22 1.54
Recurring Cost † 1. M4A1 Carbine † 2. Combat Optics 3. Engineering, Test,		-	-	-	-	-	0.000	-		0.000	0.269	12,000	3.228	-	-	0.000	0.269	12,000	3.22 1.54
Recurring Cost † 1. M4A1 Carbine † 2. Combat Optics 3. Engineering, Test, & Evaluation Spt 4. Integrated Logistics		-	-	-	-	-	0.000	-		0.000 0.000 0.000	0.269	12,000	3.228 1.548	-	-	0.000	0.269	12,000	3.22
Recurring Cost † 1. M4A1 Carbine † 2. Combat Optics 3. Engineering, Test, & Evaluation Spt 4. Integrated Logistics Support (ILS) 5. Total Package		-		-	-		0.000 0.000 0.000	-		0.000 0.000 0.000	0.269 - -	12,000	3.228 1.548 0.300	-	-	0.000 0.000 0.000	0.269	12,000	3.22 1.54 0.30
Recurring Cost † 1. M4A1 Carbine † 2. Combat Optics 3. Engineering, Test, & Evaluation Spt 4. Integrated Logistics Support (ILS) 5. Total Package Fielding (TPF)		-		- - -	-		0.000 0.000 0.000	-		0.000 0.000 0.000 0.000	0.269	12,000	3.228 1.548 0.300 0.500	-	-	0.000 0.000 0.000	0.269	12,000	3.22 1.54 0.30

 LI G13501 - Carbine
 UNCLASSIFIED

 Army
 Page 3 of 6
 P-1 Line #24

Exhibit P-5A, Budget Procurement History and Planning: P	B 2013 Army	Date: February 2012
	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 2 / BSA 10	G13501 - Carbine	G13501 - Carbine

Cost Elements († indicates the presence of a P-21)	0 0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†1. M4A1 Carbine		2013	TBD / TBD	C / FFP	ACC-TACOM, Warren, MI	Feb 2013	Jul 2013	12,000	1.308	N		
2. Combat Optics		2013	Aimpoint Inc. / Chantily, VA	SS / FFP	ACC-Picatinny, Picatinny, NJ	Feb 2013	Apr 2013	12,000	0.269	N		

Remarks:

 LI G13501 - Carbine
 UNCLASSIFIED

 Army
 Page 4 of 6
 P-1 Line #24

E	chibit	P-21	, Budge	et Pro	oduc	tion S	chec	lule:	PB 20	13 A	rmy													Date	: Feb	ruary	2012				
			on / Buo 2 / BSA		Activ	ity / E	Budge	et Sul	b Acti	vity:			L ine I 501 -			enclat	ure:								Nom 501 - 0						
			Cost Elem (Units in Ea								F	Fiscal Y	ear 201	3									F	iscal Y	ear 201	4					
						BAL		Calendar Year 2013													Calend	dar Yea	r 2014								
0 0	MFR Ref#	FY	SERVICE [‡]	PROC	PRIO	OF 1	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J J	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U L	A U G	S E P	B A L
1.	M4A1 (Carbine								-																			-		
	1	2013	ARMY	12000) (12000	-	-	-	-	Α -	-	-	-	-	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000				
	1	2013	◆ MC	400) (400	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	50	100	100	-	-				
	1	2013	• NAVY	1000) (1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	100	100	200	200				
	1	2013	◆ AF	150) (150	-	-	-	-	-	-	-	-	-	-	-	50	50	50	-	-	-	-	-	-	-				
	1	2013	TOTAL	13550) (13550	-	-	-	-	-	-	-	-	-	1000	1000	1050	1050	1100	1050	1150	1150	1200	1200	1200	1200				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

UNCLASSIFIED
Page 5 of 6

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	1	Item Nomenclature: G13501 - Carbine
2033A / BA 2 / B3A 10	G13301 - Carbine	G 1330 I - Carbine

		PRODUC	CTION RATES (Un	its/Year)			Р	ROCUREMENT LE	EADTIME (Months	s)			
MF	R					Init	ial		Reorder				
Re					ALT Prior			Total After	ALT Prior			Total After	
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	
1	TBD - TBD	12000	36000	144000	3	4	6	10	3	4	6	10	

Remarks:

 LI G13501 - Carbine
 UNCLASSIFIED

 Army
 Page 6 of 6
 P-1 Line #24

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G18300 - Shotgun, Modular Accessory System (MASS)

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

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

Other R	elated F	rogram	Elements:
---------	----------	--------	-----------

•									•			
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	2,401	2,244	2,107	-	2,107	-	-	-	-	0	6,752
Gross/Weapon System Cost (\$ in Millions)	21.613	7.112	6.707	6.598	-	6.598	-	-	-	-	0.000	42.030
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	21.613	7.112	6.707	6.598	-	6.598	-	-	-	-	0.000	42.030
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	21.613	7.112	6.707	6.598	-	6.598	-	-	-	-	0.000	42.030
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	3.132	0.000	3.132	-	-	-	-	0.000	0.006

Description:

The M26 Modular Accessory Shotgun System (MASS) is a 12 gauge shotgun that attaches underneath the barrel of the M4 and M4A1 Carbine. The MASS can also be fired in a standalone mode. The MASS provides the capability to fire lethal, non-lethal, and door breaching 12 gauge rounds. The MASS enables Soldiers to transition between their primary lethal weapons to a less-than-lethal capability without carrying a separate shotgun. Features include a recoil-absorbing buttstock, box magazine, flip-up sights and an extendable standoff device for door breaching. The weapon system can be zeroed to the sighting system of the host weapon for improved accuracy.

Seco	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	2,356	1,476	1,390	-	1,390
	Total Obligation Authority	7.028	4.411	4.381	-	4.381
Army National Guard	Quantity	15	768	717	-	717
	Total Obligation Authority	0.029	2.296	2.217	-	2.217
Army Reserve	Quantity	30	-	-	-	-
	Total Obligation Authority	0.055	-	-	-	-

Item Sched	dule		Р	rior Year	s		FY 2011			FY 2012		FY	′ 2013 Ba	se	FY	2013 O	Ю	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G18300 - Shotgun, Modular Accessory System (MASS)	P5, P5A, P21	А	-	-	-	-	2,401	7.112	-	2,244	6.707	3.132	2,107	6.598	0.000	-	-	3.132	2,107	6.598

UNCLASSIFIED
Page 1 of 8

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

G18300 - Shotgun, Modular Accessory System (MASS)

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Ready,	B=Not Service Rea	idy) : A	L			Program	Element	s for Cod	e B Items	: :			Oth	er Relate	d Progran	n Elemei	nts:			
Item Sched	Item Schedule Prior Years						FY 2011			FY 2012		FY	2013 Ba	ase	FY	2013 O	co	FY	2013 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
Total Gross/Weapon System Cost					21.613			7.112			6.707			6.598			-			6.598

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

Justification:

FY13 Base procurement dollars in the amount of \$6.598 million supports the Active Army and National Guard (NG) by purchasing 2,107 M26 Modular Accessory Shotgun Systems (MASS). The MASS provides deploying units a critical capability in the urban environment to breech doors, engage in close quarters combat, or fire non-lethal ammunition with a 12 gauge shotgun without releasing their primary weapon. This weapon is fielded to the Military Police (MP) and Engineers. The MASS is fielded to Afghanistan to support the war effort.

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.

UNCLASSIFIED Page 2 of 8

								UN	CLASS	טבו ווי									
Exhibit P-5, Cos	t Ar	nalysis:	PB 2013	3 Army											Date: Fe	ebruary 2	012		
Appropriation / I 2033A / BA 2 / BS			ivity / Bu	udget Si	ub Activ	ity:	1		Nomenc gun, Mod		cessory	System (MASS)	,	<i>Name, L</i> G18300	DODIC):	•	n Numbe	
		Resou	ırce Sur	mmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	B Base	FY 2013	зосо	FY 2013	3 Total
Procurement Quantity	/ (Ea	ch)							-		2,401		2,244		2,107		-		2,10
Gross/Weapon Syste			llions)						-		7.112		6.707		6.598		-		6.59
Less PY Advance Pro	cure	ment (\$ in	Millions)						-		-		-		-		-		_
Net Procurement (P1		•							-		7.112		6.707		6.598		-		6.59
Plus CY Advance Pro			Millions)						_		_		_		_		_		_
Total Obligation Author									_		7.112		6.707		6.598		_		6.598
Total Obligation / tatil	or ity	(ψ πτ ππποι	,	ne following	Resource S	ummary row	s are for inf	ormational	ourposes only	v The corre		udaet reaues		umented els					0.00
Initial Spares (\$ in Mil	lions)	(/ /	ic ionownig	110304100 0	anninary row		ormationar _l	-	y. The cone	-	auget reques	_	amentea eta	-		_		
Gross/Weapon Syste			in Thousar	nde)					_		_		_		3.132		0.000		3.13
Oross/Weapon Syste		•	Prior Years			FY 2011			FY 2012			Y 2013 Bas			Y 2013 O	<u></u>		Y 2013 Tota	
Cost Elements			-nor rear	Total		F1 2011	Total		F1 2012	Total	F .	1 2013 Das	Total		7 2013 0	Total	Г	2013 100	Total
(† indicates the presence of a P-5A)	CD	Unit Cost	Quantity (Each)	Cost (\$ M)	Unit Cost	Quantity (Each)	Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Cost (\$ M)	Unit Cost	Quantity (Each)	Cost (\$ M)	Unit Cost	Quantity (Each)	Cost (\$ M)	Unit Cost	Quantity (Each)	Cost (\$ M)
Flyaway Cost																			
Recurring Cost					0.044	0.404	0.044	0.440	0.044	F 407	0.504	0.407	F 07F	.	1	0.000	0.504	0.407	
† 1. Shotguns 2. Arms Racks		-	-	-	2.641 0.820	2,401	6.341 0.082	2.418 0.819	2,244	5.427 0.113	2.504 0.810	2,107	5.275 0.068		-	0.000	2.504 0.810	2,107	5.27 0.06
3. Engineering Support		-	-	-	-	-	0.370	-	-	0.587	-	-	0.573		-	0.000	-	-	0.57
Integrated Logistics Support	5	-	-	-	-	-	0.053	-	-	0.053	-	-	0.053	-	-	0.000	-	-	0.05
5. Total Package Fielding (TPF)		-	-	-	-	-	0.121	-	-	0.156	-	-	0.160	-	-	0.000	-	-	0.16
6. New Equipment Training (NET)		-	-	-	-	-	0.145	-	-	0.371	-	-	0.469		-	0.000	-	-	0.46
Total Recurring Cost				0.000			7.112			6.707			6.598			0.000			6.59
Total Flyaway Cost Gross Weapon System				0.000			7.112 7.112			6.707 6.707			6.598 6.598			0.000			6.59 6.59
Cost				_			7.112			0.707			0.550	'		_			
Remarks:																	1		
Sec	onda	ary Distrib	ution			FY 201	1		FY 2012	2		FY 2013 Base	;		FY 201	3		FY 2013 Total	
Army Active	Qua	ntity					2,3	56		1,47	76		1,39	90		-			1,39
	_	l Obligation A	uthority				7.0			4.41			4.38			-			4.38
Army National Guard	Qua							15		76			71			-			71
i e e e e e e e e e e e e e e e e e e e	I Tota	I Obligation A	uthority		1		0.0	29 (2.29	16		2.21	17		_	1		2.21

LI G18300 - Shotgun, Modular Accessory System (MASS) Army

Page 3 of 8

Exhibit P-5, Cost Analysis: PB 2013 Army			Date: February 20	012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	e Item Nomenclature: - Shotgun, Modular Acce	essory System (MASS)	Name, DODIC):	n, Modular Accessory
		EV 0040	E)/ 00/10	E)/ 00/10

Sec	condary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Reserve	Quantity	30	-	-	-	-
	Total Obligation Authority	0.055	-	-	-	-

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 2 / BSA 10

P-1 Line Item Nomenclature:
G18300 - Shotgun, Modular Accessory System (MASS)

G18300 - Shotgun, Modular Accessory System (MASS)

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†1. Shotguns		2009	C-More / Warrenton VA	SS/FFP	ACC-Picatinny, Picatinny, NJ	Sep 2011	Feb 2012	2,500	2.200			
†1. Shotguns		2011	C-More / Warrenton VA	SS / FFP	ACC-Picatinny, Picatinny, NJ	Mar 2012	Oct 2012	2,401	2.641			
†1. Shotguns		2012	C-More / Warrenton VA	SS/FFP	ACC-Picatinny, Picatinny, NJ	Mar 2012	Apr 2013	2,244	2.418	N		
†1. Shotguns		2013	C-More / Warrenton VA	SS / FFP	ACC-Picatinny, Picatinny, NJ	Mar 2013	Nov 2013	2,107	2.504	N		

Remarks:

Full Rate Production (FRP) contract award planned March 2012.

E	khibit	P-21	l, Budge	et Pro	oduct	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012				
			on / Bu 2 / BSA	_	Activ	ity / B	udge	et Suk	Acti	vity:			_ine l 300 -					cesso	ry Sy	stem	(MAS	SS)		G183	Nom 300 - 3 em (M	Shotg	un, M		ar Acc	esso	ry
			Cost Elem (Units in Ea								F	iscal Y	ear 201	2									F	iscal Y	ear 2013	3					
						BAL								Ca	lendar `	Year 20	12								Calend	dar Yea	2013				
0 C 0	MFR Ref#	FY	SERVICE [‡]	PROC	PRIOR TO 1	P DUE R AS OF 1 OCT	0 C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N J	n n	A U G	S E P	0 C T	N O V	D E C	JAN	F E B	M A R	A P R	M A Y	J U N	n n	A U G	S E P	B A L
1.	Shotgu	าร			-1							ı							<u> </u>					-							
	1	2009	ARMY	2500	0	2500	-	-	-	-	150	250	350	350	350	350	350	350													
	1	2011	ARMY	2401	0	2401	-	-	-	-	-	Α -	-	-	-	-	-	-	350	350	350	350	350	350	301						
	1	2012	ARMY	2244	0	2244	-	-	-	-	-	Α -	-	-	-	-	-	-	-	-	-	-	-	-	49	350	350	350	350	350	445
	1	2013	ARMY (1)	2107	0	2107	-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	A -	-	-	-	-	-	-	2107
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

propriation / E 33A / BA 2 / BS Cost E	Budget SA 10	t Ac							P-1 L i G1830												Item	Nom	ruary encl a	ature:				
33A / BA 2 / BS Cost E	SA 10 Elements		tivity / E	Budge	t Sub	Acti	vity:									С		<i></i>										
														<u> </u>	cesso	ory Sy:	stem	(MAS	SS) 				Shoto 1ASS)		lodula	ar Ac	cesso 	ory
								F	iscal Yea	ar 2014	1									F	iscal Ye	ear 201	5					
1 1			BAL								Ca	lendar	Year 20)14									dar Yea	r 2015				
MFR Ref# FY SERVI	PRO	PF OC T	CCEP DUE RIOR AS O 1 OF 1 OCT OCT	O	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J	J J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J	A U G	S E P	
Shotguns															ı												ı	
1 2009 ARMY			2500 0	4																								
1 2011 ARMY		_	2401 0		05																							
2012 ARMY 2013 ARMY		_	0 2107		95 255	350	350	350	350	350	102	1																
ZOTO ARMY	Υ () 2 ()		0 2101	0	N	D	J	F	M	A	M	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	s	$\overline{}$
				C	0 V	E C	A	E B	A R	P R	A Y	U	Ü	Ü	E P	C	O V	E	A N	E B	A R	P R	A Y	U N	Ŭ L	Ü G	E P	

LI G18300 - Shotgun, Modular Accessory System (MASS) Army

UNCLASSIFIED
Page 7 of 8

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)	Item Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)

		PRODUC	CTION RATES (Un	its/Year)			F	ROCUREMENT LE	EADTIME (Months	s)		
MFI	र					Init	ial			Reo	rder	
Re					ALT Prior			Total After	ALT Prior			Total After
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1
1	C-More - Warrenton VA	700	4200	5345	3	17	8	25	3	5	9	14

Remarks:

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

⁽¹⁾BASE

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G04700 - Common Remotely Operated Weapons Station (CROWS)

Vehicles / BSA 10: Weapons & Other Combat Vehicles

ID Code (A=Service Ready, R=Not Service Ready) · A

Program Elements for Code B Items:

Other Related Program Flements:

	i rogiui	ii Liciniciito i	or oode b ite	,,,,,		Ou.	or reduced r	rogram Elem	onto.		
Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
-	725	-	240	-	240	242	242	242	246	Continuing	Continuing
1,893.343	160.000	14.890	56.725	-	56.725	56.880	56.911	56.945	57.898	Continuing	Continuing
-	-	-	-	-	-	-	-	-	-	-	-
1,893.343	160.000	14.890	56.725	-	56.725	56.880	56.911	56.945	57.898	Continuing	Continuing
-	-	-	-	-	-	-	-	-	-	-	-
1,893.343	160.000	14.890	56.725	-	56.725	56.880	56.911	56.945	57.898	Continuing	Continuing
ving Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented el	sewhere.)			
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
	Years - 1,893.343 - 1,893.343 - 1,893.343 wing Resource	Prior Years FY 2011 - 725 1,893.343 160.000 1,893.343 160.000 - 1 1,893.343 160.000 wing Resource Summary rows	Prior Years FY 2011 FY 2012 - 725 - 1,893.343 160.000 14.890 - - - 1,893.343 160.000 14.890 - - - 1,893.343 160.000 14.890 ving Resource Summary rows are for informa - - - - - - - -	Prior Years FY 2011 FY 2012 Base - 725 - 240 1,893.343 160.000 14.890 56.725 - - - - 1,893.343 160.000 14.890 56.725 - - - - 1,893.343 160.000 14.890 56.725 wing Resource Summary rows are for informational purposes - - - - - - - - - - - - - -	Years FY 2011 FY 2012 Base OCO - 725 - 240 - 1,893.343 160.000 14.890 56.725 - - - - - - 1,893.343 160.000 14.890 56.725 - 1,893.343 160.000 14.890 56.725 - wing Resource Summary rows are for informational purposes only. The correspondence of the control of the correspondence	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2013 Total - 725 - 240 - 240 1,893.343 160.000 14.890 56.725 - 56.725 - - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 ving Resource Summary rows are for informational purposes only. The corresponding budg - - - - - - - - - - - - - - - - - - - -	Prior Years FY 2011 FY 2012 Base OCO Total Total Total Total Total FY 2014 - 725 - 240 - 240 242 1,893.343 160.000 14.890 56.725 - 56.725 56.880 - - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 56.880 - - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 56.880 ving Resource Summary rows are for informational purposes only. The corresponding budget requests are -<	Prior Years FY 2011 FY 2012 FY 2013 FY 2013 FY 2013 FY 2014 FY 2015 - 725 - 240 - 240 242 242 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 - - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 - - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 ving Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elementary rows are for informational purposes only. The corresponding budget requests are documented elementary rows. - <td< td=""><td>Prior Years FY 2011 FY 2012 Base OCO Total FY 2014 FY 2015 FY 2016 - 725 - 240 - 240 242 242 242 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 - - - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 - - - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 ving Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) - - - - - - - - - - - - - - - - - - - <</td><td>Prior Years FY 2011 FY 2012 Base OCO Total Total Total Total Total FY 2015 FY 2016 FY 2017 - 725 - 240 - 240 242 242 242 242 246 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 57.898 -<</td><td>Prior Years FY 2011 FY 2012 Base OCO Total FY 2014 FY 2015 FY 2016 FY 2017 Complete - 725 - 240 - 240 242 242 242 242 246 Continuing 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 57.898 Continuing - <</td></td<>	Prior Years FY 2011 FY 2012 Base OCO Total FY 2014 FY 2015 FY 2016 - 725 - 240 - 240 242 242 242 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 - - - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 - - - - - - - - - 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 ving Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) - - - - - - - - - - - - - - - - - - - <	Prior Years FY 2011 FY 2012 Base OCO Total Total Total Total Total FY 2015 FY 2016 FY 2017 - 725 - 240 - 240 242 242 242 242 246 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 57.898 -<	Prior Years FY 2011 FY 2012 Base OCO Total FY 2014 FY 2015 FY 2016 FY 2017 Complete - 725 - 240 - 240 242 242 242 242 246 Continuing 1,893.343 160.000 14.890 56.725 - 56.725 56.880 56.911 56.945 57.898 Continuing - <

Description:

The M153 Common Remotely Operated Weapon Station (CROWS) is an integrated system that provides the capability to remotely operate all standard U.S. Army machine guns (i.e., M2 Heavy Barrel Machine Guns, MK-19 Grenade Machine Guns, M240B/L Medium Machine Guns and M249 Squad Automatic Weapons) on a variety of vehicles from an Up-Armored High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) to a M1A2 Main Battle Tank. The CROWS system includes a three axis stabilized mount, a sensor suite with fire control software, and a vehicle integration kit. CROWS permits the gunner to manipulate the sight and weapon from under armor using a hand controller and a flat panel display. Missions can be carried out under conditions of varying visibility via the day camera or thermal camera. The laser range finder and three-axis stabilization allows for accurate fire on the move.

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	725	-	117	-	117
	Total Obligation Authority	160.000	14.890	27.545	-	27.545
Army National Guard	Quantity	-	-	97	-	97
	Total Obligation Authority	-	-	23.000	-	23.000
Army Reserve	Quantity	-	-	26	-	26
	Total Obligation Authority	-	-	6.180	-	6.180

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G04700 - Common Remotely Operated Weapons Station (CROWS)

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Ready	, B=Not Service Rea	dy) : A	١			Program	Element	s for Cod	e B Items	: :			Othe	er Related	l Progran	n Eleme	nts:			
Item Sched	dule		Р	rior Yea	'S		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G04700 - Common Remotely Operated Weapons Station (CROWS)	P5, P5A, P21	A	-	-	-	-	725	160.000	-	-	14.890	-	240	56.725	-	-	-	-	240	56.725
Total Gross/Weapon System Cost					1,893.343			160.000			14.890			56.725			-			56.725

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

Justification:

FY13 Base procurement dollars in the amount of \$56.725 million supports the Active Army, Army Reserve and National Guard by purchasing 240 M153 Common Remotely Operated Weapon Stations (CROWS). The CROWS system enhances Soldier survivability while increasing lethality and situational awareness.

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.

UNCLASSIFIED

								0.1	- - / · · · ·	סורובט									
Exhibit P-5, Cost	t Ar	nalysis:	PB 2013	Army											Date: Fe	ebruary 2	012		
Appropriation / E 2033A / BA 2 / BS			vity / Bu	dget Sı	ub Activ	ity:	1	0 - Com	Nomend mon Rer		perated	on	Item Nomenclature (Item Number, Item Name, DODIC): G04700 - Common Remotely Operated Weapons Station (CROWS)						
		Resou	ırce Sun	nmary				Prior Ye	ars	FY 20	11	FY 20	12	FY 2013	B Base	FY 2013	3 ОСО	FY 2013	3 Total
Procurement Quantity	(Ea	ch)							-		725		-		240		-		240
Gross/Weapon Syster	n Co	st (\$ in Mi	llions)						-	1	60.000		14.890		56.725		-		56.72
Less PY Advance Pro									-		-		-		-		-		_
Net Procurement (P1)			/						-	1	60.000		14.890		56.725		_		56.72
Plus CY Advance Pro			Millions)						_		_		_		-		_		
Total Obligation Author									-	1	60.000		14.890		56.725		-		56.72
-	-		(The	e following	Resource S	ummary rows	are for inf	ormational p	ourposes on	ly. The corre	sponding b	udget reques	ts are doc	umented els	ewhere.)				
Initial Spares (\$ in Mill	ions)							-		-		-		-		-		-
Gross/Weapon Syster	n Ur	nit Cost (\$	in Thousan	ds)					-		-		-		-		-		-
		F	Prior Years	;		FY 2011	•		FY 2012		F	Y 2013 Bas	e	F	Y 2013 O	co	F	/ 2013 Tota	al
Cost Elements († indicates the presence of a P-5A)	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost					'	'									'				
Recurring Cost								r		T	ı			T		T			
† CROWS system		-	-	-	200.000	725	145.000	-	-	0.000	200.000	240	48.000		-	0.000	200.000	240	48.00
First Article Test (Items/Hardware)		-	-	-	-	-	0.000	-	-	10.206	-	-	0.000	-	-	-	-	-	0.00
Vehicle Integration Kit		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000		-	-	-	-	0.00
Trainers		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000		-	-	-	-	0.00
Engineering Support		-	-	-	-	-	3.131 1.223	-	-	2.106 0.182	-	-	1.878	_	-	0.000	-	-	1.87 0.68
Integrated Logistics Support		-	-		-	-	1.223	-	-	0.182	-	-	0.685	-	_	0.000	-	-	0.68
Total Package Fielding		-	-	-	-	-	1.858	-	-	0.252	-	-	1.040	-	-	0.000	-	-	1.04
Contractor Field Service Representatives		-	-	-	-	-	1.639	-	-	0.219	-	-	0.918	-	-	0.000	-	-	0.91
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
Production Verification Test									_	0.030	-	-	0.024	1 -	-	0.000	-	-	0.02
		-	-	-	-	-	0.042	-											
Verification Test First Destination		-	-	-	-	-	6.107	-	-	1.746	-	-	3.620) -	-	0.000	-	-	3.62
Verification Test First Destination Transportation										1.746 0.149	-	-	3.620 0.560	_	-	0.000	-	-	
Verification Test First Destination Transportation Spares/Repair Parts New Equipment			-	-			6.107	-			-			-	-				3.620 0.560 56.72

LI G04700 - Common Remotely Operated Weapons Station (CROWS) Army

UNCLASSIFIED Page 3 of 8

Exhibit P-5, Cost Analysis: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G04700 - Common Remotely Operated Weapons Station (CROWS)	Item Nomenclature (Item Number, Item Name, DODIC): G04700 - Common Remotely Operated Weapons Station (CROWS)

		Prior Years									F	/ 2013 Bas	se	F`	′ 2013 OC	:0	F`	Y 2013 Tot	al
(† indicates the	ID CD	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Gross Weapon System Cost				-			160.000			14.890			56.725			-			56.725

Remarks:

econdary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Quantity	725	-	117	-	117
Total Obligation Authority	160.000	14.890	27.545	-	27.545
Quantity	-	-	97	-	97
Total Obligation Authority	-	-	23.000	-	23.000
Quantity	-	-	26	-	26
Total Obligation Authority	-	-	6.180	-	6.180
	Quantity Total Obligation Authority Quantity Total Obligation Authority Quantity	Quantity 725 Total Obligation Authority 160.000 Quantity - Total Obligation Authority - Quantity -	Quantity 725 - Total Obligation Authority 160.000 14.890 Quantity - - Total Obligation Authority - - Quantity - -	Accordary Distribution FY 2011 FY 2012 Base Quantity 725 - 117 Total Obligation Authority 160.000 14.890 27.545 Quantity - - 97 Total Obligation Authority - - 23.000 Quantity - - 26	Accordary Distribution FY 2011 FY 2012 Base OCO Quantity 725 - 117 - Total Obligation Authority 160.000 14.890 27.545 - Quantity - - 97 - Total Obligation Authority - - 23.000 - Quantity - - 26 -

Exhibit P-5A, Budget Procurement History and Planning: P	B 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G04700 - Common Remotely Operated Weapons Station (CROWS)	Item Nomenclature: G04700 - Common Remotely Operated Weapons Station (CROWS)

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†CROWS system		2011	Kongsberg Protech Systems USA / Johnstown, PA	SS/FFP	ACC-Picatinny, Picatinny,NJ	Jun 2011	Oct 2011	725	200.000			
†CROWS system		2013	TBS / TBS	SS / FFP	ACC-Picatinny, Picatinny,NJ	Mar 2013	Aug 2013	240	200.000	N		

Remarks:

Special license agreement for the Technical Data Package (TDP) is required to conduct a full and open competition.

Award of competitive contract in September 2012 will procure First Article Test items, hardware to support First Article Testing and engineering support.

Exh	nibit	P-21	, Budge	t Pro	ducti	on S	chedu	ule: P	PB 20	13 Arı	ny													Date	: Feb	ruary	2012	<u> </u>			
			on / Buc 2 / BSA ⁻		ctivi	ty / B	udge	t Sub	Acti	vity:		P-1 L G047 (CRC	7 00 - (Comn				perat	ted W	eapo	ns St	ation		G04	700 -	nencla Comr Statio	non F	Remo	tely O S)	perat	ed
			Cost Eleme								F	iscal Ye	ear 2012	2										Fiscal Y	ear 201	3					Π
					40055	BAL								Ca	lendar `	Year 20	12								Calen	dar Yea	r 2013				
	MFR Ref#	FY	SERVICE [‡]	PROC	ACCEP PRIOR TO 1 OCT		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	
	DWS s		1-																l	l	l							l			
1			ARMY	725	0	725	130	125	115	45	45	45	45	45	45	45	40														
2	!	2013	ARMY (1)	240	0	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	24	40	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U	A U G	S E P	

														UN	CLA	SSIF	IED														
Ex	hibit	P-21	l, Budge	et Pro	duct	ion S	ched	ule: F	B 20	13 Ar	my													Date	: Feb	ruary	2012				
			on / Buc 2 / BSA		Activi	ty / B	udge	t Sub	Acti	vity:		G04		Com	Nome mon F			pera	ted W	eapo	ns St	ation		G04	700 -	encla Comr Static	non F	Remo	tely O S)	perat	ted
			Cost Elem (Units in Ea								F	iscal Y	ear 201	4										Fiscal Y	ear 201	5					
					ACCEP	BAL								Ca	alendar	Year 20)14				1				Calen	dar Yea	r 2015				L
	MFR Ref#	FY	SERVICE [‡]	PROC	PRIOR TO 1	AS OF 1	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J L	A U G	S E P	B A L
CR	ROWS s		II.		I																1			1							
	1	2011	ARMY	725	725	0																									
2	2	2013	ARMY (1)	240	64	176	40	40	40	40	16																				
•	,						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	N U	U J	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J	J L	A U G	S E P	

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G04700 - Common Remotely Operated Weapons Station (CROWS)	Item Nomenclature: G04700 - Common Remotely Operated Weapons Station (CROWS)

		PRODUC	CTION RATES (Uni	ts/Year)		PROCUREMENT LEADTIME (Months)													
MFR						Initia	ıl			Reor	der								
Ref	1				ALT Prior			Total After	ALT Prior			Total After							
#	MFR Name - Location	MSR	1-8-5	MAX	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1	to Oct 1	ALT After Oct 1	Mfg PLT	Oct 1							
1	Kongsberg Protech Systems USA - Johnstown, PA	240	4800	6000	6	8	5	13	6	8	5	13							
2	TBS - TBS	40	4800	6000	6	11	6	17	6	5	6	11							

Remarks:

Other service buys on P-21 do not include other Army requirements, such as the Vanguard, M1A2 Abrams Main Battle Tank, M1200 Armored Knight, Joint Lightweight Tactical Vehicles (JLTV) and M93 Fox programs. Monthly production rates on the P-21 do not reflect those other buys, which offset apparent gaps in production and rates below the minimum.

UNCLASSIFIED

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

⁽¹⁾BASE

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

G01700 - Howitzer Lt Wt 155mm (T)

Vehicles / BSA 10: Weapons & Other Combat Vehicles

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

	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	14	-	-	-	-	-	-	-	-	0	14
Gross/Weapon System Cost (\$ in Millions)	1,162.395	62.000	13.066	13.827	-	13.827	-	-	-	-	0.000	1,251.288
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,162.395	62.000	13.066	13.827	-	13.827	-	-	-	-	0.000	1,251.288
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,162.395	62.000	13.066	13.827	-	13.827	-	-	-	-	0.000	1,251.288
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	4,428.571	-	-	-	-	-	-	-	-	0.000	89.378

Description:

The Lightweight 155mm Howitzer (LW155), also known as the M777A2, provides direct, reinforcing, and general support fires to maneuver forces. It replaces all howitzers in all missions in the USMC and replaces the M198 howitzer as the general support artillery for light forces in the Army. The LW155 fires unassisted projectiles to a range of 15 miles and assisted projectiles to 19 miles. The addition of the digital fire control system enables the weapon to program and fire the improved Excalibur precision-guided munition to ranges in excess of 25 miles with better than 10-meter Circular Error Probable (CEP) accuracy. The LW155 is the first ground combat system whose major structures are made of high strength titanium alloy and the system makes extensive use of hydraulics to operate the breech, load tray, recoil and wheel arms. The combination of titanium structures and the use of hydraulic systems resulted in a significant weight savings over the M198 system (>7000 lbs.). Compared to the M198, the LW155 emplaces three-times faster and displaces four-times faster. It traverses 32 percent more terrain worldwide and is 70 percent more survivable than the M198. The LW155 is the cannon fire support for the Army's Stryker Brigade Combat Teams (SBCT) and is capable of firing the 155mm Excalibur Precision Munition and the Precision Guiddance Kit when available.

Seco	ondary Distribu	tion		FY 2011	FY:	2012	FY 2013 Base	FY 201: OCO	3	FY 2013 Total	
Army Active	Quantity			14		-	-		-		-
	Total Obligation Au	uthority		62.000		7.705	8.221		-		8.221
Army National Guard	Quantity			-		-	-		-		-
	Total Obligation Au	uthority		-		5.361	5.606		-		5.606
Mana Cala	11-	D	V	EV 2044		EV 2042	EV 2042 Dags	EV 204		EV 2042 Tata	

Item Sch	edule		Р	rior Year	's		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	co	FY	2013 To	tal
Item Nomenclature*	Item Nomenclature* Exhibits		Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
G01700 - Howitzer Lt Wt 155mm (T)	P5, P5A, P21	A	-	-	-	4,428.571	14	62.000	-	-	13.066	-	-	13.827	-	-	-	-	-	13.827

LI G01700 - Howitzer Lt Wt 155mm (T) Army

UNCLASSIFIED
Page 1 of 7

P-1 Line #27

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

G01700 - Howitzer Lt Wt 155mm (T)

Vehicles / BSA 10 : Weapons & Other Combat Vehicles

ID Code (A=Service Ready,	B=Not Service Rea	idy) : A	1			Program	Element	s for Cod	e B Items	s :			Oth	er Related	d Prograr	n Eleme	nts:			
Item Sched	ule		Р	rior Year	's		FY 2011			FY 2012		FY	2013 B	ase	FY	2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
Total Gross/Weapon System Cost					1,162.395			62.000			13.066			13.827			-			13.827

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

Justification:

FY13 Base procurement dollars in the amount of \$13.827 million will support Program Management costs for life cycle management associated with the Howitzer Lightweight 155MM. It also supports the Interim Contractor Support, Field Service Representatives and New Equipment Trainers for all fielded and fielding howitzers.

"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"

UNCLASSIFIED
Page 2 of 7

								UN	CLA53	חשוחומ									
Exhibit P-5, Cos	t Ar	nalysis:	PB 2013	3 Army										I	Date: Fe	ebruary 2	012		
Appropriation / I 2033A / BA 2 / BS			ivity / Bu	udget S	ub Activ	ity:			Nomeno itzer Lt V		m (T)				Name, L	menclati DODIC): - Howitze	•		
		Resou	ırce Sur	nmary				Prior Ye	ears	FY 20	11	FY 20	12	FY 2013	Base	FY 2013	з осо	FY 201	3 Total
Procurement Quantity	/ (Ea	ch)							-		14		-		-		-		
Gross/Weapon System		· ·	llions)						-		62.000		13.066		13.827		-		13.82
Less PY Advance Pro		-							-		-		-		-		-		
Net Procurement (P1)		• •	,						-		62.000		13.066		13.827		-		13.82
Plus CY Advance Pro	•		Millions)						_		_		-		_		_		
Total Obligation Author									_		62.000		13.066		13.827		_		13.82
Total Obligation / tall	Jilly	(ψ 111 17111110		ae following	Pasourca S	ummany rou	vs are for in	formational	nurnoses on	ly The corre		budget reque		umented else					10.02
Initial Spares (\$ in Mil	lione	.)	(11)	ie ioliowing	Nesource 3	uninary row	is are for in	orrialiorial j	- Purposes on	iy. The come	-sponding L	Juaget reque.	sis are doc	umented else	-		_ 1		
Gross/Weapon System		<u> </u>	in Thousan	ado)					-	1 /	128.571						-		
Gross/Weapon System					1	EV 2044				4,4		V 2042 Da				00	-	V 2042 T-4	
0 4			Prior Years			FY 2011	Tatal		FY 2012	Tatal		Y 2013 Ba		Г	Y 2013 O	_	Г	Y 2013 Tot	
Cost Elements († indicates the presence of a P-5A)	ID CD	UIIIL COSL	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)	Unit Cost	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† BAE Lightweight 155mm Howitzer		-	-	-	2,350.000	14	32.900	-	-	0.000	-	-	0.000	-	-	-	-	-	0.0
† Watervliet Arsenal Cannon		-	-	-	250.000	14		-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
† Primer Feed Mechanism		-	-	-	20.000	14	0.280	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
† Optical Fire Control		-	-	-	44.000	14		_	-	0.000	-	-	0.000	_	-	-	-	-	0.00
Basic Initial Issue		-	-	-	-	-	0.340		-	0.000	-	-	0.000	+	-	-	-	-	0.00
System Engineering / Program Management		-	-	-	-	-	2.524	-	-	3.066	-	-	3.360	-	-	0.000	-	-	3.36
Test		-	-	-	-	-	0.490	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
Fielding		-	-	-	-	-	1.350	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
Interim Contractor Support (ICS)/FSR/ NET		-	-	-	-	-	12.000	-	-	10.000	-	-	10.467	-	-	0.000	-	-	10.46
Capability Package 1		-	-	-	-	-	8.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.00
Total Recurring Cost	\perp			0.000			62.000			13.066			13.82	+		0.000			13.8
Total Flyaway Cost	1			0.000			62.000	_		13.066			13.82	+		0.000			13.8
Gross Weapon System Cost				-			62.000			13.066			13.827	<u>'</u>					13.82
Remarks:																			

LI G01700 - Howitzer Lt Wt 155mm (T) Army

UNCLASSIFIED
Page 3 of 7

Exhibit P-5, Cost Analysis: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 10	P-1 Line Item Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)	Item Nomenclature (Item Number, Item Name, DODIC):
		G01700 - Howitzer Lt Wt 155mm (T)

Sec	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	14	-	-	-	-
	Total Obligation Authority	62.000	7.705	8.221	-	8.221
Army National Guard	Quantity	-	-	-	-	-
	Total Obligation Authority	-	5.361	5.606	-	5.606

LI G01700 - Howitzer Lt Wt 155mm (T)

Army

Exhibit P-5A, Budget Procurement History and Planning: P	B 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 2 / BSA 10	G01700 - Howitzer Lt Wt 155mm (T)	G01700 - Howitzer Lt Wt 155mm (T)

Cost Elements († indicates the presence of a P-21)	0 0	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†BAE Lightweight 155mm Howitzer		2011	BAE SYSTEMS / Barrow-in-Furness, UK	SS/FFP	Picatinny Arsenal, NJ	Dec 2010	Aug 2012	14	2,350.000			
Watervliet Arsenal Cannon		2011	Watervliet Arsenal / Watervliet, NY 12189	MIPR	N/A	Oct 2010	May 2011	14	250.000			
Primer Feed Mechanism		2011	Triumph Actuator Systems / Bloomfield, CT 06002	SS / FFP	Picatinny Arsenal, NJ	Oct 2010	May 2011	14	20.000			
Optical Fire Control		2011	Seiler Instrument / St. Louis, MO 63119	SS / FFP	Picatinny Arsenal, NJ	Oct 2010	May 2011	14	44.000			

Remarks:

LI G01700 - Howitzer Lt Wt 155mm (T) Army UNCLASSIFIED
Page 5 of 7

E	chibit	P-21	, Budge	et Pro	ducti	ion S	ched	ule: F	PB 20	13 Ar	my													Date	: Feb	ruary	2012				
			on / Bud 2 / BSA		Activi	ty / B	udge	t Sub	Acti	vity:					Nome tzer L		t ure: 155mı	m (T)								n encl a Howi			155mr	n (T)	
			Cost Eleme (Units in Ea								F	iscal Y	ear 201	2										Fiscal Y	ear 201	13					
						BAL		Calendar Year 2012											Calen	dar Yea	r 2013										
0 0	MFR Ref#	FY	SERVICE [‡]	PROC	ACCEP PRIOR TO 1 OCT	_	O C T	N D J F M A M J J A S O N D J O E A E A P A U U U E C O E A									F E B	M A R	A P R	M A Y	J U	J L	A U G	S E P	B A L						
В	AE Light	weight	155mm Hov	witzer							1																			-	,
	1	2011	ARMY	14	0	14	-	-	-	-	-	-	-	-	-	-	2	5	5	2											
	1	2011	• MC	22	0	22	-	-	-	-	-	-	-	-	-	-	2	5	5	8											
	1	2011	TOTAL	36	0	36	-	-	-	-	-	-	-	-	-	-	4	10	10	10											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U	J L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U U	A U G	S E P	

Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Item Nomenclature:
2033A / BA 2 / BSA 10	G01700 - Howitzer Lt Wt 155mm (T)	G01700 - Howitzer Lt Wt 155mm (T)

		PRODUC	CTION RATES (Un	its/Year)			Р	ROCUREMENT LI	EADTIME (Months	s)		
MF	R					Init	ial			Reo	rder	
Re	1	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 - Barrow-in- Furness, UK	8	10	14	0	1	11	12	0	3	20	23

Remarks:

Current Authorized Allowance: effective 31 May 2011 the Army Acquisition Objective was increased to 542.

UNCLASSIFIED

[‡] Delivery rows marked with the • symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GB3000 - MK-19 Grenade Machine Gun MODS

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

ID Code (A=Service Ready, B=Not Service Ready) : B		Prograr	n Elements f	for Code B Ite	ems: 060460	1A	Ot	her Related P	rogram Elen	nents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	33.886	2.968	-	-	-	-	-	-	-	-	0.000	36.854
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	33.886	2.968	-	-	-	-	-	-	-	-	0.000	36.854
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	33.886	2.968	-	-	-	-	-	-	-	-	0.000	36.854
(The follo	wing Resource	Summary rows	are for informa	ational purposes	only. The corre	esponding budg	get requests ar	e documented e	lsewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The MK-19 Mod 3 is a self-powered, air-cooled, 40mm automatic grenade machine gun capable of a firing rate of 325-375 rounds per minute. It is used to engage point targets up to 1,500 meters and provide suppressive fire at ranges up to 2,200 meters. Since the initial fielding of the MK-19, various system enhancements have been identified that further improve the system by increasing operational capabilities and improving reliability, readiness, maintainability, and safety. These improvements include a lightweight adjustable sight bracket; a weapon-sight bracket interface; improved firing pin sear with modified firing pin; an adjustable secondary drive lever; a Tactical Engagement Simulator (TES) to support Force-on-Force Training; and improved sighting systems that enhance accuracy of the system. The MK-19 is fielded with the MK93 mount. The weapon is mounted on select Stryker vehicles, High Mobility Multi-Purpose Wheeled Vehicles (HMMWVs), the M113 Armored Personnel Carrier family of vehicles, M88A1 Recovery Vehicle and Mine Resistant Ambush Protected (MRAP) vehicles. During static defensive operations it is ground employed utilizing the M3 or XM205 Tripod Mount.

Seco	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	-	-	-	-	-
	Total Obligation Authority	2.831	-	-	-	-
Army National Guard	Quantity	-	-	-	-	-
	Total Obligation Authority	0.137	-	-	-	-

Justification:

FY13 has no funding.

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.

UNCLASSIFIED
Page 1 of 1

Exhibit P-	-40, Budget Item Ju	stification	Sneet: PB	3 2013 Arm	У						pate: Feb	ruary 2012	<u> </u>	
2033A : P	ation / Budget Activ rocurement of W&TC BSA 20 : Mod Of We	V, Army / E	3A 2 : Wea	apons and (Other Comb	oat		I tem Nome M777 Mod						
ID Code (A=S	Service Ready, B=Not Service Rea	dy) : A		Prograi	m Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elen	nents:		
	Resource Summary	/	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement	t Quantity (Each)		-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weap	on System Cost (\$ in Milli	ons)	-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
Less PY Adv	vance Procurement (\$ in M	lillions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurer	ment (P1) (\$ in Millions)		-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
Plus CY Adv	vance Procurement (\$ in M	illions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligat	tion Authority (\$ in Millions)	-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
		(The follo	wing Resource	e Summary rows	s are for informa	ational purposes	only. The corre	esponding budg	et requests are	documented e	lsewhere.)			
Initial Spares	s (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit	t Cost (\$ in Thousands)		-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weap	on System Unit Cost (\$ in	Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
service pro and 14th N received v	55 (also known as the M77 ogram with the Marine Cor Marines and the schoolhoutery high marks for its perforkit when available.	ps and Army vises have been	vorking toge n fielded. Th	ther to develop ne Army has be	o, produce, ar een fielding th	nd field the ho ie system to it	witzer. The L' s Stryker Brig	W155 was firs gades and Fire	t fielded by thes Brigades.	ne Marine Cor The LW155 is	rps in April 20 s seeing signi	05 and since ficant action i	then the 10th, n Afghanistan	11th, 12th, and has
Secon	dary Distribution	FY 2011	- FY	7 2012 -	FY 2013 Base		2013 CO	FY 2013 Total	FY 2	014	FY 2015	FY 20	116 F	Y 2017
	Total Obligation Authority		-	-	23.	610	-	23.6	10	24.410	5.61	0	-	_

	Quantity				-		-		-		-		-		-		-		-		
Guard	Total Obli	igation Authority			-		-		3.233		-		3.233		3.220		3.002		-		-
Ite	m Sche	dule		Р	rior Yea	rs		FY 2011			FY 2012		F١	FY 2013 Base		FY	2013 O	co	FY	2013 To	tal
Item Nomenc	lature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
Digital Fire Control Obsolecence - 000		P3A		-	-	-	-	-	-	-	-	-	-	-	26.843	-	-	-	-	-	26.843
Total Gross/Weap System Cost	oon					-			-			-			26.843			-			26.843

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	
2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat	GZ1700 - M777 Mods	
Vehicles / BSA 20 : Mod Of Weapons And Other Combat Veh		

ID Code (A=Service Read	y, B=Not Service Rea	ldy) : A	١			Program	Element	s for Cod	e B Items	s:			Othe	er Relate	d Progran	n Eleme	nts:			
				FY 2014			FY 2015			FY 2016			FY 2017		To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)
Digital Fire Control Obsolecence - 0000	P3A		-	-	27.630	-	-	8.612	-	-	-	-	-	-	-	-	0.000	-	-	63.085
Total Gross/Weapon System Cost					27.630			8.612			-			-			0.000			63.085

*Item Nomenclature represents Item Number. DODIC, and Item Name for the P40A and P5: Name for the P48 and P23: Modification Number and Modification Title for the P3A: Item Number and Item Name for the P10.

Justification:

FY 2013 Base Appropriations in the amount of \$26.843 million will fund the replacement of the Gunners Display, the Chief of Section Display and the Mission Computer for the inventory of 418 LW155 Howitzers. Because of the interoperation of the Chief of Section Display and the Mission Computer these two components of the Digital Fire Control System must be purchased together. Lead acid batteries will be replaced with smart battery technology through a modernization in service approach.

Digital Fire Control provides each M777A2 Howitzer with onboard navigation, digital communication with Fire Direction Center and automatic weapon pointing capability. This provides each howitzer equipped with Digital Fire Control greater autonomy through significantly reduced time for gun emplacement and increased speed and efficiency in mission execution. The Digital Fire Control System is comprised of numerous electronic components and associated hardware which undergoes hardware and software upgrades as required to preclude obsolescence issues. Electronic components of the Digital Fire Control System are ten year old technology and require replacement. Funding will replace necessary hardware components to modernize in service and provide continued interoperability across the fire support domain.

"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"

LI GZ1700 - M777 Mods

Army

UNCLASSIFIED

Page 2 of 10

P-1 Line #29

B 2013 Arı	my							Date: Feb	ruary 2012	2	
t Sub Act	ivity:							(Modificat	ion Title, N	odification l	,
	Type I	Modification	n: 0000			Re	lated RDT	&E PEs:			
Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)	*	-	
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-
	Prior Years wing Resource colay, Chief of	Prior Years FY 2011	Type Modification Prior Years FY 2011 FY 2012	P-1 Line Item Nome GZ1700 - M777 Mod Type Modification: 0000	P-1 Line Item Nomenclature: GZ1700 - M777 Mods Type Modification: 0000	P-1 Line Item Nomenclature: GZ1700 - M777 Mods Type Modification: 0000	P-1 Line Item Nomenclature: GZ1700 - M777 Mods Re	Type Modification: 0000 Related RDTo	P-1 Line Item Nomenclature: GZ1700 - M777 Mods Modification: Digital Find	P-1 Line Item Nomenclature: GZ1700 - M777 Mods Modification Nome (Modification Title, Mogigital Fire Control Contr	P-1 Line Item Nomenclature: GZ1700 - M777 Mods Modification Nomenclature (Modification Title, Modification Nomenclature (Modification Title, Modification Nomenclature (Modification Title, Modification Nomenclature (Modification Title, Modification Nomenclature (Modification Title, Modification Nomenclature (Modification Title, Modification Nomenclature (Modification Title, Modification Nomenclature (Modification Title, Modification Nomenclature (Modification Nomenclature

 LI GZ1700 - M777 Mods
 UNCLASSIFIED

 Army
 Page 3 of 10
 P-1 Line #29

Exhibit P-3A, Individual Modification: PB 2013	Army								Date: F	ebruary	2012		
Appropriation / Budget Activity / Budget Sub A 2033A / BA 2 / BSA 20	ctivity:		ne Item N o 0 - M777 I		ature:				(Modifi	cation T	lomencla itle, Modifi itrol Obso	ication N	
Models of Systems Affected: 0000	Тур	e Modific	ation: 000	0			Re	lated RD	T&E PEs	:			
	'	Prior	Years	FY	2011	FY :	2012	FY 2013	Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan		Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cos
Procurement													
Hardware Obsolescence (1)													
A Kits			_										
NonRecurring									-				
Engineering Change Proposal w/Hardware		0	0.000	0	0.000	0	0.000	418	17.100	0	0.000	418	17.10
Subtotal NonRecurring			0.000		0.000		0.000		17.100		0.000		17.10
Total, Hardware Obsolescence		0	0.000	0	0.000	0	0.000	418	17.100	0	0.000	418	17.10
Modernization in Service ⁽²⁾													,
A Kits													
NonRecurring													
Engineering Change Proposal w/Hardware		0	0.000	0	0.000	0	0.000	418	8.400	0	0.000	418	8.40
Subtotal NonRecurring			0.000		0.000		0.000		8.400		0.000		8.40
Total, Modernization in Service		0	0.000	0	0.000	0	0.000	418	8.400	0	0.000	418	8.40
Interoperability - Communication (3)													
A Kits													
NonRecurring													
Engineering Change Proposal w/Hardware		0	0.000	0	0.000	0	0.000	418	1.343	0	0.000	418	1.34
Subtotal NonRecurring			0.000		0.000		0.000		1.343		0.000		1.34
Total, Interoperability - Communication		O	0.000	0	0.000	0	0.000	418	1.343	0	0.000	418	1.34
Total, All Modifications			0.000		0.000		0.000		26.843		0.000		26.84
Procurement Cost (Procurement + Support)			0.000		0.000		0.000		26.843		0.000		26.84
Total Installation Cost			0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)			0.000		0.000		0.000		26.843		0.000		26.84
		FY	2014	FY	2015	FY :	2016	FY 20	017	То Со	nplete	То	tal
Financial Plan		Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cos
Procurement		,,	1. /	/	1 1. /		, , ,	, /	. ,	/	. ,	/	1 1 /

LI GZ1700 - M777 Mods Army UNCLASSIFIED
Page 4 of 10

Exhibit P-3A, Individual Modification: PB 2013 ArmyDate: February 2012Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20P-1 Line Item Nomenclature:
GZ1700 - M777 ModsModification Nomenclature
(Modification Title, Modification Number):
Digital Fire Control Obsolecence - 0000

Models of Systems Affected: 0000	Type Modification	ation: 000	00			Re	lated RD	T&E PE	S :			
	FY	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Hardware Obsolescence (1)												
A Kits		_										
NonRecurring												
Engineering Change Proposal w/Hardware	0	0.000	418	8.612	0	0.000	0	0.000	0	0.000	836	25.71
Subtotal NonRecurring		0.000		8.612		0.000		0.000		0.000		25.71
Total, Hardware Obsolescence	0	0.000	418	8.612	0	0.000	0	0.000	0	0.000	836	25.71
Modernization in Service (2)												
A Kits												
NonRecurring												
Engineering Change Proposal w/Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	418	8.40
Subtotal NonRecurring		0.000		0.000		0.000		0.000		0.000		8.40
Total, Modernization in Service	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	418	8.40
Interoperability - Communication (3)												
A Kits		_										
NonRecurring		_										
Engineering Change Proposal w/Hardware	418	27.630	0	0.000	0	0.000	0	0.000	0	0.000	836	28.97
Subtotal NonRecurring		27.630		0.000		0.000		0.000		0.000		28.97
Total, Interoperability - Communication	418	27.630	0	0.000	0	0.000	0	0.000	0	0.000	836	28.97
Total, All Modifications		27.630		8.612		0.000		0.000		0.000		63.08
Procurement Cost (Procurement + Support)		27.630		8.612		0.000		0.000		0.000		63.08
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)		27.630		8.612		0.000		0.000		0.000		63.08

Remarks:

⁽¹⁾ Funding will address capability enhancements as indicated by the user community and obsolescence using a combination of engineering change proposals and the acquisition of hardware. Funds will replace Digital Fire Control Components to include the Gunners Displays, Inertial Navigation Unit, Velocity Motion Sensor, the Chief of Section Display and the Mission Control Computer. It is critical to purchase the Chief of Section Display and the Mission Control Computer together to ensure compatibility and address obsolescence. Contractor dates will vary depending on the item.

Exhibit P-3A, Indiv	idual Modification: Pl	3 2013 Army							Da	ate: Febru	ary 2012		
Appropriation / Bu 2033A / BA 2 / BSA	dget Activity / Budge 20	t Sub Activity:		ne Item N 00 - M777		ure:			(<i>N</i>	odificatio Modification gital Fire (Title, Mo	dification N	,
Models of Systems	Affected: 0000	Тур	e Modific	ation: 000	00			Relate	d RDT&E	PEs:			
can be charged, recha these limitations while (3)Funding will address Radio, and replacement	s modernization in service uti rge rate, cold temperature, a improving supportability of so s interoperability issues throu nt of the Defense Advanced	nd operational run time ystem as batteries will l igh Software Engineerii GPS Receiver and Plat	 Advances ast significand ng and Engi 	in smart batt intly longer th neering Char	ery technolo an current le nge Proposa	gy will be im ead acid. Co ls. Specific l	plemented the ontractor date Digital Fire Co	rough a mod s will vary de ontrol Items	dernization in epending on to be purcha	service app the item. sed are Com	roach. Implei munication L	mentation wil	l address
	on: Hardware Obsolescend	ce											
Manufacturer Name: Var	ious				Manut	acturer Loca	ation: Various						
Administrative Leadtime	<u>`</u>				Produ		me (in Months	<u> </u>					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015	,	FY 201	6	FY 20)17
Contract Dates													
Delivery Dates													
Manufacturer Informati	on: Modernization in Servi	ce											
Manufacturer Name: Var	ious				Manut	acturer Loca	ation: Various	i					
Administrative Leadtime	(in Months):				Produ	ction Leadtir	me (in Months	s):					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015	5	FY 201	6	FY 20)17
Contract Dates													
Delivery Dates													
Manufacturer Informati	on: Interoperability - Comn	nunication											
Manufacturer Name: Var	ious				Manuf	acturer Loca	ation: Various						
Administrative Leadtime	(in Months):				Produ	ction Leadtir	ne (in Months	s):					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015	i	FY 201	6	FY 20)17
Contract Dates													
Delivery Dates													
Installation: Hardware 0	Dbsolescence	I	•	ementation: are procurem		Change Pro	pposals	Installa	tion Name:				
		Prior Y	ears	FY 2	011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost		Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
All Prior Years		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011		-	-	-	-	-	-	-	-	-	-	-	-
FY 2012			-	_				_	-				

UNCLASSIFIED
Page 6 of 10 P-1 Line #29

		ољ, II	iiuivi	uu	ai iv	louii	icati	on:	гυ	201	S A	ш															μDa	ite. r	ebru	ary 2	2012				
	opria A / B/				et A	ctivi	ty / E	Budç	get	Sub	Ac	tivi	ty:					lomer Mods		ıre:		_					(M	odific	atior	n Titl	le, Mo	clature dificati solece	on N		
Mod	els of	Syst	tems	Αſ	fect	ted:	0000)					Ту	pe N	lodifi	catio	n: 00	00						Re	elate	d RDT	&E	PEs:							
Instal	ation:	Hardw	vare O	bso	lesce	ence											ntation: ocurem	Engine	eering (Change	e Pro _l	posals		Ins	tallat	ion Nam	ne:								
													Prior	Years	5		FY 2	2011			FY 2	012		FY	2013	Base		F`	Y 201	3 OC	0	FY	2013	3 Tota	ıl
Instal	ation (Cost										Qt (Ea			al Cost		Qty ach)	Total (Qty (Each		Total Co		Qty (Each		Total Co	st	Qty (Eac	r h)		I Cost	Qty (Each	,	Total (\$ /	
FY 20	13												-		-		-		-		-		-		-		-		-		-		-		-
FY 20	14												-		-		-		-		-		-		-		-		-		-		-		-
FY 20	15												-		-		-		-		-		-		-		-		-		-		-		-
FY 20	16												-		-		-		-		-		-		-		-		-		-		-		-
FY 20	17												-		-		-		-		-		-		-		-		-		-		-		-
To Co	mplete												-		-		-		-		-		-		-		-		-		-		-		-
Total													C		0.000		0		0.000		0	C	.000		0	0.	.000		0		0.000		0		0.00
																1					=>/-														
											-	-		2014	al Cost		FY 2	2015 Total (24		FY 2	016 Total Co	-4	04.	FY 20	J17 Total Co	-4	Qty	o Cor		:e ıl Cost	Qty	Tot	Total	04
Instal	ation (Cost										Qt (Ea			M)		Qty fach)	(\$ N		Qty (Each		(\$ M)		Qty (Each		(\$ M)	St	(Eac			i Cost	(Each)	(\$ /	
All Pri	or Year	s											C		0.000		0		0.000		0	C	.000		0	0.	.000		0		0.000		0		0.00
FY 20	11												-		-		-		-		-		-		-		-		-		-		-		-
FY 20	12												-		-		-		-		-		-		-		-		-		-		-		-
FY 20	13												-		-		-		-		-		-		-		-		-		-		-		
FY 20	14												-		-		-		-		-		-		-		-		-		-		-		
FY 20	15												-		-		-		-		-		-		-		-		-		-		-		-
FY 20	16												-		-		-		-		-		-		-		-		-		-		-		-
FY 20	17												-		-		-		-		-		-		-		-		-		-		-		-
	mplete												-		-		-		-		-		-		-		-		-		-		-		-
Total													C		0.000		0		0.000		0		.000		0	0.	.000		0		0.000		0		0.00
Instal	ation	Sched		004						140				E)/ 0	040		<u> </u>	EV 0	044				045	_	T		2046			_		.47			
	APY	1	FY 2	_	1 3	4	1	2	Y 20	3	4	+	1	FY 2	013 3	4	1	FY 20	3	4	1	FY 2	3	4	1	2	2016	_		1	FY 20		1	тс	Tot
In	AF 1	0	0	-	0	0	0	-	0	0		0	0	0	0	0		0	0	0	0		0		+	0 0	-	0	0	0	0	0	0	0	100
Out	_	0	0	-	0	0	0	+	0	0	_	0	0	0	0	0		0	0	0	0		0			0 0	-	0	0	0	0	0	0	0	
Jul		J			٦			1	<u> </u>			-	٦	٠	•			•	٠		- 0					0				<u> </u>		<u> </u>			

LI GZ1700 - M777 Mods Army UNCLASSIFIED
Page 7 of 10

Exhibit P-3A, Individual Modification: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity:	P-1 Line Item Nomenclature:	Modification Nomenclature
2033A / BA 2 / BSA 20	GZ1700 - M777 Mods	(Modification Title, Modification Number):
		Digital Fire Control Obsolecence - 0000

Models of Systems Affected: 0000 Type Modification: 0000 Related RDT&E PEs:

Method of Implementation: Engineering Change Proposals to include procurement of batteries Installation Name:

installation: Modernization in Service	Inc	iude procurei	nent of batte	ines			instalia	tion name:				
	Prior	Years	FY:	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GZ1700 - M777 Mods Army UNCLASSIFIED
Page 8 of 10

														UNG	CLAS	SIF	·IFD														
Exh	ibit P-	3 A , I	ndivid	ual N	/lodif	icatio	n: PE	3 201	3 Arn	ny														Date	e: Feb	ruary	2012				
App	ropria	tion	/ Budç BSA 20	get A											Nomen 7 Mods		ture:			_				(Мо	dificati	on Ti	lomen itle, Mo ntrol Ob	odifica	tion		,
Mod	lels of	Syst	ems A	Affec	ted:	0000				Ty	уре Мо	odifi	catio	on: 00	000						Rel	ated	RDT	&E F	PEs:						
										NA.	athad a	f Imami		.totion	: Engine	a = i = a	Chana	o Dr		40											
Insta	llation:	Moder	nization	in Se	rvice						clude pro	•			•	enng	Griang	je Fit	oposais	10	Insta	allatio	n Nam	e:							
Insta	llation S	Sched				_				_																					
			FY 20				FY 2				FY 20				FY 20					2015			FY 2				FY 20				
In	APY	1	2	3	4	1	2	3	4	1	0	0	4	0	2	3	4		2	3	4	1	2	3	4	1	2	3	4	TC	Tot
Out	-	0	0	0	0	0	0	0	0		0	0	0			0			0 0	-		0	0			0		0	0	0	_
Out		U	0	0	0	U	0	0		0	0	0			<u> </u>		0		0	0	0	U	U		0	- 0					
Insta	llation:	Intero	perability	y - Co	mmuni	ication									: Software					neering		allatio	n Nam	e:							
										Prio	r Years			FY	2011			FY 2	2012		FY 2	2013 E	Base		FY 20	013 O	co	F	Y 201	3 Tota	al
Insta	llation (Cost								Qty (Each)	Total (\$ A			Qty Each)	Total Co		Qty (Eac		Total C		Qty (Each)	1	Total Cos	st	Qty (Each)		otal Cost (\$ M)	Qt (Eac			I Cost
All Pr	ior Year	s								(0	0.000		0	(0.000		0		0.000		0	0.0	000		0	0.000		0		0.000
FY 20	011									-		-		-		-		-		-		-		-	-		-		-		-
FY 20	012									-		-		-		-		-		-		-		-	-		-		-		-
FY 20	013									-		-		-		-		-		-		-		-	-		-		-		-
FY 20	014									-		-		-		-		-		-		-		-	-		-		-		-
FY 20	015									-		-		-		-		-		-		-		-	-		-		-		-
FY 20	016									-		-		-		-		-		-		-		-	-		-		-		-
FY 20)17									-		-		-		-		-		-		-		-	-		-	<u> </u>	-		
To C	omplete									-		-		-		-		-		-		-		-	-		-		-		
Total										(0	0.000		0	(0.000		0		0.000		0	0.0	000		0	0.000		0		0.000
										FY	2014			FY	2015			FY :	2016		F	Y 201	7	$\overline{}$	To C	omple	ete		—	tal	
Ineta	llation (`oct								Qty	Total			Qty	Total Co		Qty	,	Total C		Qty		Total Cos	st	Qty	То	tal Cost	Qt	ty	Tota	I Cost
	ior Year									(Each)	(\$ A	0.000	(=	Each) 0	(\$ M)	0.000	(Eac	n) 0	(\$ M	0.000	(Each)	0	(\$ M) 0.0	000	(Each)	0	(\$ M) 0.000	(Eac	0	-	0.000
FY 20									-			-				-				-		-		-	-		-	+			-
FY 20										-		-		-		-		-		-		-		-	-		-	_	-		-
FY 20										-		-		-		-		-		-		-		-	-		-		-		-
FY 20										-		-		-		-		-		-		-		-	-		-		-		-
FY 20										-		-		-		-		-		-		-		-	-		-		-		-
															1																

LI GZ1700 - M777 Mods Army

UNCLASSIFIED Page 9 of 10

P-1 Line #29

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:

GZ1700 - M777 Mods

Modification Nomenclature

(Modification Title, Modification Number):

Digital Fire Control Obsolecence - 0000

Models of Systems Affected: 0000 Type Modification: 0000 Related RDT&E PEs:

Method of Implementation: Software Engineering and Engineering Installation: Interoperability - Communication

Method of Implementation: Software Engineering and Engineering Change Proposals to include procurement of hardware

Installation Name:

mstanation: interoperability - Communication	Citi	ange i ropos	ais to include	procuremen	it of Hardwar	-	IIIStalia	tion Name.				
	FY :	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	To	otal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

Installation Schedule

			FY 2	2011			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

UNCLASSIFIED
Page 10 of 10

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

GB3007 - M4 Carbine Mods

Vehicles / BSA 20 : Mod Of Weapons And Other Combat Veh

ID Code (A=Service Ready, B=Not Service Ready) : B		Progran	n Elements f	or Code B Ite	ems: 060460°	1A	Oth	er Related P	rogram Elem	ents:		
	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	442.900	56.864	41.892	27.243	-	27.243	30.889	32.170	36.195	23.265	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	442.900	56.864	41.892	27.243	-	27.243	30.889	32.170	36.195	23.265	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	442.900	56.864	41.892	27.243	-	27.243	30.889	32.170	36.195	23.265	Continuing	Continuing
(The foll	owing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			

(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	lsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The M4 Carbine Modification Program provides combat optics, a Close Quarters Battle Kit (CQBK), an improved buttstock, a modular weapon system and a product improvement kit. The Modular Weapon System includes an adapter rail system, back-up iron sight, and M203 Grenade Launcher Kit. The M4 Product Improvement Program converts all fielded M4 to M4A1 carbines by adding a heavy barrel assembly, a full auto trigger mechanism and new ambidextrous controls under Phase 1. Phase 2 of the product improvement kit includes an improved bolt, bolt assembly and forward rail assembly kit.

Item Sche	dule		F	Prior Year	's		FY 2011			FY 2012		FY	′ 2013 Ba	ase	FY	′ 2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M4 PIP - TBD	P3A		-	-	442.900	-	-	56.864	-	-	41.892	-	-	27.243	-	-	-	-	-	27.243
Total Gross/Weapon System Cost					442.900			56.864			41.892			27.243			-			27.243
				FY 2014			FY 2015	ì		FY 2016			FY 2017	·	To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M4 PIP - TBD	P3A		-	-	30.889	-	-	32.170	-	-	36.195	-	-	23.265	-	-	-	-	-	-
Total Gross/Weapon					30 889			32 170			36 195			23 265						

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P48 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P40.

Justification:

System Cost

UNCLASSIFIED
Page 1 of 13 P-1 Line #30

	UNCL	ASSIFIED	
Exhibit P-40, Budget Item Justification Shee	t: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub 2033A : Procurement of W&TCV, Army / BA 2 : Vehicles / BSA 20 : Mod Of Weapons And Othe	Weapons and Other Combat	P-1 Line Item Nom GB3007 - M4 Carbi	
D Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code E	3 Items: 0604601A	Other Related Program Elements:
upgrade the M4 Carbine. The Close Quarters Battle Kit (multiple low cost items to increase lethality and survivabil key components of soldier lethality and allows unit leader. In accordance with Section 1815 of the FY 2008 National	CQBK) can be used with the Soldier's prima ity. Improved Combat Optics enhances the s to configure weapons based upon mission Defense Act, (P.L.110-181), this item is near	ary weapons, the M4 Carbine capability to identify and enginequirements. The M4 carbi	Kits, improved combat optics and product improvement kit components to a, M4A1 Carbine and the M16A4 Rifle. The CQBK provides the Soldier with gage targets at all ranges. The items used in the modular weapon system are ine upgrade converts the M4 to the M4A1. and reserve components of the Armed Forces for homeland defense missions,
domestic emergency responses, and providing military su	,	occounty for also by the active	and receive compensate of the ramed reference for nemocial advance missione,

UNCLASSIFIED LI GB3007 - M4 Carbine Mods 219 Page 2 of 13 P-1 Line #30 Army

Exhibit P-3A, Individual Modification: PB 2013 Army **Date:** February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GB3007 - M4 Carbine Mods (Modification Title, Modification Number): M4 PIP - TBD

Models of Systems Affected: M4/M4A1 CARBINE Type Modification: Increased Performance Related RDT&E PEs:

		7.										
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	442.900	56.864	41.892	27.243	-	27.243	30.889	32.170	36.195	23.265	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	442.900	56.864	41.892	27.243	-	27.243	30.889	32.170	36.195	23.265	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	442.900	56.864	41.892	27.243	-	27.243	30.889	32.170	36.195	23.265	Continuing	Continuing
(The follow	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The M4 Carbine Modification Program provides combat optics, a Close Quarters Battle Kit, an improved buttstock, a modular weapon system and a product improvement kit. The modular weapon system includes an adapter rail system, back-up iron sight, and M203 Grenade Launcher Kit. The product improvement kit includes an improved bolt, adapter rail system, barrel, full auto trigger mechanism, and new ambidextrous controls.

Title	Description
Multiple RFPs Release (5)	M4 PIP Phase 1
valuation & Down Select	M4 PIP Phase 1
Contract Awards	M4 PIP Phase 1
nitial Prod. Delivery	M4 PIP Phase 1
irst Unit Equip	M4 PIP Phase 1
Multiple RFPs Release (2)	M4 PIP Phase 2
valuation and Down Select	M4 PIP Phase 2
Contract Awards	M4 PIP Phase 2
nitial Prod. Delivery	M4 PIP Phase 2
1	valuation & Down Select ontract Awards itial Prod. Delivery rst Unit Equip ultiple RFPs Release (2) valuation and Down Select ontract Awards

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

Modification Nomenclature

2033A / BA 2 / BSA 20 GB3007 - M4 Carbine Mods

(Modification Title, Modification Number):

2000A7 BA 27 BOA 20	02000	r - IVI - Oa	TOTAL TALL						P - TBD	iic, moaiii	oation ii	umberj.
Models of Systems Affected: M4/M4A1 CARBINE	Type Modifica	ation: Incr	eased P	erformand	е	Re	lated RD	T&E PE	s:			
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 ОСО	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Combat Optics (1)												
B Kits												
Recurring												
Combat Optics	449,229	130.900	5,246	4.500	4,638	4.100	18,500	3.700	0	0.000	18,500	3.700
Engineering Support	0	11.400	0	0.100	0	0.050	0	0.145	0	0.000	0	0.145
Test	0	0.400	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Integrated Logistical Support	0	2.800	0	0.020	0	0.050	0	0.050	0	0.000	0	0.050
Total Package Fielding	0	2.000	0	0.050	0	0.050	0	0.050	0	0.000	0	0.050
New Equipment Training	0	0.000	0	0.050	0	0.050	0	0.050	0	0.000	0	0.050
Subtotal Recurring		147.500		4.720		4.300		3.995		0.000		3.998
Total, Combat Optics	449,229	147.500	5,246	4.720	4,638	4.300	18,500	3.995	0	0.000	18,500	3.998
Close Quarters Battle Kit ⁽²⁾												
B Kits												
Recurring												
Close Quarters Battle Kit	59,660	276.700	74,086	21.300	15,436	4.600	16,010	5.000	0	0.000	16,010	5.000
Improved Magazines	0	0.000	0	0.000	119,760	1.000	255,813	2.200	0	0.000	255,813	2.200
Engineering Support	0	12.100	0	0.300	0	0.300	0	0.300	0	0.000	0	0.300
Integrated Logistic Support	0	4.300	0	0.200	0	0.200	0	0.100	0	0.000	0	0.100
Total Package Fielding	0	2.300	0	0.344	0	0.100	0	0.200	0	0.000	0	0.200
Subtotal Recurring		295.400		22.144		6.200		7.800		0.000		7.800
Total, Close Quarters Battle Kit	59,660	295.400	74,086	22.144	135,196	6.200	271,823	7.800	0	0.000	271,823	7.800
M4 Product Improvement Program (PIP) Phase I $^{(3)}$												
B Kits												
Recurring												
Hardware M4 PIP Phase 1	0	0.000	64,518	29.678	35,340	30.724	23,000	10.400	0	0.000	23,000	10.400
System Support	0	0.000	0	0.000	0	0.110	0	4.400	0	0.000	0	4.400
Engineering Support	0	0.000	0	0.278	0	0.508	0	0.600	0	0.000	0	0.600

LI GB3007 - M4 Carbine Mods Army UNCLASSIFIED
Page 4 of 13

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GB3007 - M4 Carbine Mods

Modification Nomenclature
(Modification Title, Modification Number):
M4 PIP - TBD

Models of Systems Affected: M4/M4A1 CARBINE	Type Modifica	ation: Inc	reased P	erforman	ce	Re	lated RI	T&E PE	s:			
	Prior	Years	FY 2	2011	FY :	2012	FY 201	3 Base	FY 201	3 ОСО	FY 201	13 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cos
Integrated Logistics Support	0	0.000	0	0.044	0	0.050	0	0.048	0	0.000	0	0.04
Subtotal Recurring		0.000		30.000		31.392		15.448		0.000		15.44
Total, M4 Product Improvement Program (PIP) Phase I	0	0.000	64,518	30.000	35,340	31.392	23,000	15.448	0	0.000	23,000	15.44
M4 Product Improvement Program (PIP) Phase II ⁽⁴⁾												
B Kits												
Recurring												
Hardware M4 PIP Phase 2	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
System Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Engineering Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Integrated Logistics Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		0.00
Total, M4 Product Improvement Program (PIP) Phase II	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Total, All Modifications		442.900		56.864		41.892		27.243		0.000		27.24
Procurement Cost (Procurement + Support)		442.900		56.864		41.892		27.243		0.000		27.24
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)		442.900		56.864		41.892		27.243		0.000		27.24

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	otal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
Procurement												
Combat Optics ⁽¹⁾												
B Kits												
Recurring											,	
Combat Optics	4,328	4.000	4,104	3.828	3,605	3.500	3,018	3.000	0	0.000	492,668	157.52
Engineering Support	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	12.09
Test	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.40
Integrated Logistical Support	0	0.050	0	0.100	0	0.100	0	0.100	0	0.000	0	3.27
Total Package Fielding	0	0.050	0	0.100	0	0.100	0	0.100	0	0.000	0	2.50

LI GB3007 - M4 Carbine Mods Army UNCLASSIFIED
Page 5 of 13

P-1 Line #30

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: Modification Nomenclature

2033A / BA 2 / BSA 20 GB3007 - M4 Carbine Mods (Modification Title, Modification Number):

M4 PIP - TBD

Models of Systems Affected: M4/M4A1 CARBINE Type Modification: Increased Performance Related RDT&E PEs:

	FY	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Cor	nplete	То	tal
	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cos
Financial Plan	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)
New Equipment Training	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	0.5
Subtotal Recurring		4.300		4.228		3.900		3.400		0.000		176.34
Total, Combat Optics	4,328	4.300	4,104	4.228	3,605	3.900	3,018	3.400	0	0.000	492,668	176.34
Close Quarters Battle Kit (2)												
B Kits												
Recurring												
Close Quarters Battle Kit	20,192	6.700	22,253	7.700	23,117	8.400	12,940	4.900	0	0.000	243,694	335.30
Improved Magazines	84,111	0.700	0	0.000	0	0.000	0	0.000	0	0.000	459,684	3.90
Engineering Support	0	0.300	0	0.300	0	0.300	0	0.300	0	0.000	0	14.20
Integrated Logistic Support	0	0.100	0	0.100	0	0.100	0	0.200	0	0.000	0	5.30
Total Package Fielding	0	0.200	0	0.200	0	0.200	0	0.300	0	0.000	0	3.84
Subtotal Recurring		8.000		8.300		9.000		5.700		0.000		362.5
Total, Close Quarters Battle Kit	104,303	8.000	22,253	8.300	23,117	9.000	12,940	5.700	0	0.000	703,378	362.54
M4 Product Improvement Program (PIP) Phase I (3)												
B Kits												
Recurring												
Hardware M4 PIP Phase 1	27,600	13.400	29,300	14.000	0	0.000	0	0.000	0	0.000	179,758	98.20
System Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	4.51
Engineering Support	0	0.429	0	0.377	0	0.403	0	0.425	0	0.000	0	3.02
Integrated Logistics Support	0	0.060	0	0.065	0	0.045	0	0.045	0	0.000	0	0.35
Subtotal Recurring		13.889		14.442		0.448		0.470		0.000		106.08
Total, M4 Product Improvement Program (PIP) Phase I	27,600	13.889	29,300	14.442	0	0.448	0	0.470	0	0.000	179,758	106.08
M4 Product Improvement Program (PIP) Phase II (4)												
B Kits												
Recurring												
Hardware M4 PIP Phase 2	0	0.000	0	0.000	26,634	11.726	2,966	1.306	0	0.000	29,600	13.0
System Support	0	0.000	0	0.000	0	5.052	0	0.000	0	0.000	0	5.0
Engineering Support	0	0.000	0	0.000	0	0.218	0	0.223	0	0.000	0	0.44

LI GB3007 - M4 Carbine Mods Army

UNCLASSIFIED
Page 6 of 13

Exhibit P-3A, Individual Modification: PB 2013 Army		Date: February 2012
The state of the s	GB3007 - M4 Carbine Mods	Modification Nomenclature (Modification Title, Modification Number): M4 PIP - TBD

Models of Systems Affected: M4/M4A1 CARBINE	Type Modifica	ation: Inc	reased P	'erforman	ce	Re	lated RL) I & E PE	s:			
	FY	2014	FY 2	2015	FY 2	2016	FY 2	2017	То Со	mplete	To	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
Integrated Logistics Support	0	0.000	0	0.000	0	0.151	0	0.166	0	0.000	0	0.317
Subtotal Recurring		0.000		0.000		17.147		1.695		0.000		18.842
Total, M4 Product Improvement Program (PIP) Phase II	0	0.000	0	0.000	26,634	17.147	2,966	1.695	0	0.000	29,600	18.842
Total, All Modifications		26.189		26.970		30.495		11.265		0.000		663.818
Procurement Cost (Procurement + Support)		26.189		26.970		30.495		11.265		0.000		663.818
Total Installation Cost		4.700		5.200		5.700		12.000		0.000		27.600
Total Cost (Procurement + Support + Installation)		30.889		32.170		36.195		23.265		0.000		691.418

Remarks:

⁽⁴⁾ Phase II will procure bolt and bolt carrier assembly to increase reliability and durability. In a separate Request for Proposal it also procures an improved Military Standard rail to increase accessory integration, and improved zero retention/zero reliability.

Manufacturer Informat	ion: Combat Optics						
Manufacturer Name: Tri	icon Inc.			Manufacturer Location: W	ixom, MI		
Administrative Leadtime	(in Months): 6			Production Leadtime (in N	fonths): 3		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Jun 2012	Apr 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Jul 2011	Sep 2012	Jun 2013	Apr 2014	Apr 2015	Apr 2016	Apr 2017
Manufacturer Informat	ion: Close Quarters Battle K	it					
Manufacturer Name: Oti	s Products Inc.			Manufacturer Location: Ly	rons Falls, NY		
Administrative Leadtime	(in Months): 4			Production Leadtime (in M	fonths): 3		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Apr 2011	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Jun 2011	Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017

LI GB3007 - M4 Carbine Mods Army Page 7 of 13

UNCLASSIFIED

P-1 Line #30

⁽¹⁾ The M68 Close Combat Optic (CCO) is used on the M4 Carbine and M16 Rifle. The CCO allows the Soldier to fire a weapon with both eyes open allowing greater awareness of events happening in close proximity and gives the Soldier greater hit probability in daylight, low light level, wet weather and other adverse conditions. The M150 Rifle Combat Optic (RCO) was selected as the improved combat optic. The M150 RCO provides a reflexive fire technique allowing the Soldier to transition rapidly between long-range and close quarter's engagements. It has a capability to recognize and engage targets from 300 to 600 meters with the M4. M4A1. M16A2. M16A4 and M249.

⁽²⁾ The Close Quarters Battle Kit (CQBK) provides the Soldier with multiple low cost items to increase lethality and survivability with individual weapons. The CQBK provides the following items: low profile bipod, cleaning kit, improved magazines, magazine pouches, multiple magazine holders with storage pouches, forward rail brackets, and improved weapon sling.

⁽³⁾ Phase I Increment C will procure the M4A1's heavy barrel assembly, M4A1's full auto trigger mechanism and ambidextrous fire control selectors in order to convert fielded M4 carbines to M4A1 carbines. The kits enhance current M4 Carbine's sustained rate of fire, ergonomics, reliability, durability, and maintainability.

Exilibit i -oz, illulvi	idual Modification: P	B 2013 Army							Da	ite: Febru	ary 2012		
Appropriation / Bud 2033A / BA 2 / BSA	dget Activity / Budge 20	et Sub Activity:		ne Item No n 17 - M4 Carb					(M		n Nomenc n Title, Mod D		Number) :
Models of Systems	Affected: M4/M4A1	CARBINE Typ	e Modific	ation: Increa	ased Per	formance)	Relate	ed RDT&E	PEs:			
Manufacturer Information	on: M4 Product Improvem	nent Program (PIP) Pha	se I					'					
Manufacturer Name: vario	ous vendors				Manufa	cturer Loca	tion: various	ocations					
Administrative Leadtime ((in Months): 4				Product	ion Leadtin	ne (in Months): 15					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 201	5	FY 201	16	FY 2	017
Contract Dates	Jul 2011	May 2012		Feb 2013		Feb 2014		Feb 201	5	Feb 20	16	Feb 2	2017
Delivery Dates	Jun 2012	Aug 2013		May 2014		May 2015		May 201	6	May 20	17	May 2	2018
Manufacturer Information	on: M4 Product Improvem	nent Program (PIP) Pha	se II										
Manufacturer Name: vario	ous vendors				Manufa	cturer Loca	tion: various	ocations					
Administrative Leadtime ((in Months): 4				Product	ion Leadtin	ne (in Months): 15					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 201	5	FY 201	16	FY 2	017
Contract Dates										Feb 20	16	Feb 2	2017
Delivery Dates										May 20	17	May 2	2018
Installation: Combat Opt	tics	Meth	od of Imple	mentation: Ins	stalled by So	oldiers		Installa	ation Name:				
Installation: Combat Opt	tics	Prior Y	ears	FY 2011	1	FY 2	-	FY 201	I3 Base	FY 201			3 Total
Installation: Combat Opt	tics			FY 2011			012 Total Cost (\$ M)			FY 201 Qty (Each)	3 OCO Total Cost (\$ M)	FY 201 Qty (Each)	3 Total Total Cost
·	tics	Prior Y	ears Total Cost	FY 2011	1 otal Cost	FY 2	Total Cost	FY 201	Total Cost	Qty	Total Cost	Qty	Total Cost (\$ M)
Installation Cost	tics	Prior Y	ears Total Cost	FY 2011 Qty To (Each)	1 otal Cost (\$ M)	Cty (Each)	Total Cost (\$ M)	FY 201 Qty (Each)	Total Cost (\$ M) 0.000	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Installation Cost All Prior Years	tics	Prior Young	Total Cost (\$ M) 0.000	FY 2011 Qty To (Each) 0	1 fotal Cost (\$ M)	FY 2 Qty (Each) 0	Total Cost (\$ M)	FY 201 Qty (Each)	Total Cost (\$ M) 0.000 0.000	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M) 0.000
Installation Cost All Prior Years FY 2011	tics	Prior You Qty (Each)	Total Cost (\$ M) 0.000 0.000	Qty (Each) To 0 0	1 lotal Cost (\$ M) 0.000 0.000	Gty (Each)	Total Cost (\$ M) 0.000 0.000	FY 201 Qty (Each) 0	Total Cost (\$ M) 0.000 0.000	Qty (Each)	Total Cost (\$ M) 0.000 0.000	Qty (Each) 0	Total Cost (\$ M) 0.000 0.000
Installation Cost All Prior Years FY 2011 FY 2012	tics	Prior Young (Each)	Pars Total Cost (\$ M) 0.000 0.000 0.000	Qty (Each) To 0 0	1 (\$ M) (\$ M) (0.000 (0	FY 2 Qty (Each) 0 0	Total Cost (\$ M) 0.000 0.000 0.000	FY 201 Qty (Each) 0 0	Total Cost (\$ M)	Qty (Each) 0 0	Total Cost (\$ M) 0.000 0.000 0.000	Qty (Each) 0 0	Total Cost (\$ M) 0.000 0.000 0.000
Installation Cost All Prior Years FY 2011 FY 2012 FY 2013	tics	Prior Y. Qty (Each) 0 0 0	Pars Total Cost (\$M) 0.000 0.000 0.000 0.000	PY 2011 Qty (Each) 0 0 0 0	0tal Cost (\$ M) 0.000 0.000 0.000	FY 2 Qty (<i>Each</i>) 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000	FY 201 Qty (Each) 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000	Otty (Each) 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000
Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014	tics	Prior You Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pars Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000	PY 2011 Qty (Each) 0 0 0 0 0 0	1 total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000	PY 2 Qty (Each) 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000	FY 201 Qty (Each) 0 0 0 0 0	Total Cost (\$ M)	Otty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000	Otty (Each) 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000
Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015	tics	Prior Y. Qty (Each) 0 0 0 0 0 0	Pars Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2011 Qty (Each) 0 0 0 0 0 0 0	1 otal Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201 Qty (Each) 0 0 0 0 0 0	Total Cost (\$ M)	Oty (Each) 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000
Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016	tics	Prior Y. Qty (Each) 0 0 0 0 0 0 0 0	Dears Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Gty (Each) To 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10tal Cost (\$M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201 Oty (Each) 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M)	Oty (Each) 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Oty (Each) 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000
Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017	tics	Prior Y. Qty (Each) 0 0 0 0 0 0 0 0 0 0	Dears Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2011 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	10tal Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201 Oty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M)	Otty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000
Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 To Complete	tics	Prior Y. Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0	Pars Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2011 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	1	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M)	Otty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 To Complete	tics	Prior Y. Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Pars Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2011 Qty (Each) 0 0 0 0 0 0 0 FY 2011	1	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 Base Total Cost (\$ M) 0.000	Oty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

LI GB3007 - M4 Carbine Mods Army UNCLASSIFIED
Page 8 of 13

	Exhibit P-3A, Individual Modification: PB 2013 Ard Appropriation / Budget Activity / Budget Sub Activity / BA 2 / BSA 20 Models of Systems Affected: M4/M4A1 CARBINE Installation: Combat Optics																													
Exhib	it P-	3A, I	ndivi	dual	Modi	ificati	ion:	РВ	2013	Arm	ny													Da	ate: Feb	ruary	2012			
	•			_	Activ	ity / E	Bud	get	Sub /	Activ	vity:		P-1 L GB30											(M	odificati <i>lodificati</i> 4 PIP - T	on T		clature odification	Numi	ber):
Mode	ls of	Syst	tems	Affe	cted:	M4/N	И4А	1 C	ARBI	NE	Ту	pe M	lodifi	catio	n: Ind	crease	ed Pe	erform	ance)		Rela	ted RD	T&E	PEs:					
Installa	ition:	Comb	at Option	cs							Me	thod	of Impl	emen	tation	: Install	ed by	Soldiers	3			Instal	lation Na	me:						
											FY	2014			FY 2	2015			FY 2	016		FY	2017		To C	ompl	ete	To	otal	
Installa	ition (Cost									Qty Each)		I Cost		Qty ach)	Total (\$ /		Qty (Each		Total Co		Qty (Each)	Total C		Qty (Each)		otal Cost	Qty (Each)		I Cost
FY 201	1										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
FY 201	2										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
FY 201	3										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
FY 201	4										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
FY 201	5										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
FY 201	6										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
FY 2017								0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000			
To Complete								0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000			
Total											0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
Installa	tion	Sched	ule		_																									
	,		FY 2		1		_	Y 20				FY 2				FY 2				FY 2				2016			FY 20			
	APY	1	2	3	4	1	2		3	4	1	2	3	4	1	2	3	4	1	2	3		1 2	3		1	2	3 4	TC	Tot
In .	-	0	0	0				0	0	0	0	0	0	0	0	0	0	-	0	-	(0	0 0	0	-	0 0		-
Out	-	0	0	0	0) ()	0	0	0	0	0	0	0	0	0	0	0	0	0	(0 0	0	0	0 0	0	0	0 0	0	0
Installa	tion:	Close	Ouarte	rs Rat	ttle Kit						Me	thod	of Impl	emen	tation	Install	ed hy	Soldiers				Install	lation Na	me.						
		01000	Quarte	no Bai								Years		<u> </u>		2011	ou by	Coldiois	FY 2	012			13 Base		FY 2	013 O	CO	FY 20	13 Tota	al
Installation Cost									Qty (Each)	Tota	I Cost		Qty ach)	Total		Qty (Each		Total C		Qty (Each)	Total C		Qty (Each)		otal Cost	Qty (Each)	Tota	I Cost		
All Prior Years								0	· ·	0.000	(2,	0	(\$7	0.000	(Edd)	0		0.000			0.000		0	0.000	(Luon)	<u> </u>	0.000			
FY 2011								0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000			
FY 201											0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
FY 2013								0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000			
FY 2014								0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000			
FY 201	5										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
FY 201	6										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
FY 201	7										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000
To Con	nplete										0		0.000		0		0.000		0	(0.000		0	0.000		0	0.000	(0.000

LI GB3007 - M4 Carbine Mods Army UNCLASSIFIED
Page 9 of 13

P-1 Line #30

Exhibi																										D	ate: Fe	bruar	/ 2012					
Appro 2033A					t A	ctivi	ty / E	Budç	get	Sub	Ac	tivi	ty:						l ome arbine								(/	l odifica <i>Modifica</i> I4 PIP -	tion 7				Num	ber) :
Models	s of	Syst	ems	Af	fect	ed:	M4/N	/14A	1 C	ARB	BINE	:	Ту	pe N	lodif	icat	tion	n: Inc	reas	ed Pe	erform	ance	!		Rela	ted RD	T&I	E PEs:						
Installat	ion:	Close	Quart	ers	Battle	e Kit							Me	thod	of Imp	olem	nenta	ation:	Install	ed bv	Soldier				Insta	lation Na	ıme:							
													_	Year				FY 2				FY 20	012		FY 20	013 Base		FY	2013 C	СО		FY 20	13 Tot	al
Installat	ion C	ost										Qt (Ea			al Cost		Qty (Eac		Total (\$ /		Qty (Eac		Total Co		Qty (Each)	Total		Qty (Each)		otal Cost		Qty (Each)		I Cost
Total													0		0.000	0		0	,	0.000		0	(0.000		0	0.000		0	0.000		()	0.000
													FY	2014				FY 2	015			FY 20	016		F	′ 2017		То	Comp	ete		T	otal	
Installat	ion C	ost										Qt (Ea			al Cost		Qty (Eac		Total		Qty (Eac		Total Co		Qty (Each)	Total		Qty (Each)	т	otal Cost		Qty (Each)		I Cost
All Prior	Year	 S										,	0	+	0.000	0	(====	0	(+ -	0.000	(====	0		0.000		0	0.000	+ ' '	0	0.000	 '	(+ <u>`</u>	0.000
FY 2011											0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000		
FY 2012										0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000			
FY 2013													0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000
FY 2014	,												0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000
FY 2015													0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000
FY 2016													0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000
FY 2017													0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000
To Comp	olete												0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000
Total													0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000
Installat	ion S	ched	ule																															
			FY	201	1			F	Y 20	12				FY 2	013				FY 2	014			FY 2	2015		F`	201	6		FY 2	017			
А	PY	1	2	:	3	4	1	2	!	3	4		1	2	3	4		1	2	3	4	1	2	3	4	1 2		3 4	1	2	3	4	TC	Tot
							0		0	0	0	0	_	0	0	0	0	0	0	- 1	C	-	0	0	0 (+	0	+	0				
Out - 0 0 0 0 0 0							0		0	0	0	0		0	0	0	0	0	0	0	0	0 0	0	0	0 () (0 0	0	0	0	0			
Installat	ion:	M4 Pro	oduct	lmp	rover	nent	Progra	am (F	PIP) I	Phas	e I		Ме	thod	of Imp	olem	nenta	ation:	Install	ed by	SARET	•			Insta	lation Na	me:							
Installation: M4 Product Improvement Program (PIP) Pha												Prior	Year	s			FY 2	2011			FY 20	012		FY 20	013 Base		FY	2013 C	СО		FY 20	13 Tot	al	
Installation Cost										Qt (Ea			al Cost		Qty (Eac		Total (\$ /		Qty (Eac		Total Co		Qty (Each)	Total		Qty (Each)		otal Cost		Qty (Each)		I Cost		
All Prior Years									(20	0	<u> </u>	0.000	0	(200	0	(4.	0.000	(200	0		0.000		0	0.000		0	0.000	+ '	(0.000			
FY 2011											+		0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000
FY 2012											\top		0		0.000	0		0		0.000		0	(0.000		0	0.000		0	0.000		()	0.000
FY 2012 FY 2013								-		0	+	0.000			0		0.000		0		0.000		0	0.000	+	0	0.000	+	(_	0.000			

LI GB3007 - M4 Carbine Mods Army UNCLASSIFIED
Page 10 of 13

Exhi	bit P-	3A, Iı	ndivid	lual N	/lodifi	catio	n: PE	3 201	3 Arr	ny										Date:	Febr	uary 2012			
			/ Bud BSA 2		ctivit	y / B	udge	t Sub	Acti	vity:				Nomenclat arbine Mo							ificatio	on Nomenc on Title, Mod BD		Numbe	∍r):
Mod	els of	Syst	ems /	Affec	ted: l	M4/M	4A1 (CARE	INE	Ту	/pe N	lodifi	cation: In	creased Pe	erforma	nce	e	Relat	ed RDT8	&E PE	s:				
Instal	lation:	M4 Pro	oduct Ir	nprove	ment F	Progran	m (PIP) Phas	e I	Me	ethod	of Impl	ementation	: Installed by	SARET			Install	ation Name	e:					
										Prio	r Years	;	FY	2011	F	Y 2	2012	FY 20	13 Base		FY 20	13 OCO	FY 20	13 Total	
Instal	lation (Cost								Qty (Each)		I Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)		Total Cost (\$ M)	Qty (Each)	Total Cost		Qty (Each)	Total Cost	Qty (Each)	Total Co	
FY 20	14									(ס	0.000	0	0.000		0	0.000	(0.0	000	(0.000	0	(0.000
FY 20	15									(ס	0.000	0	0.000		0	0.000	(0.0	000	(0.000	0	(0.000
FY 20	16									(ס	0.000	0	0.000		0	0.000	(0.0	000	(0.000	0	(0.000
FY 20	17									()	0.000	0	0.000		0	0.000	(0.0	000	(0.000	0	(0.000
To Co	To Complete								(ס	0.000	0	0.000		0	0.000	(0.0	000	(0.000	0	(0.000	
Total								(0	0.000	0	0.000		0	0.000	(0.0	000	(0.000	0	(0.000		
										FY	2014		FY	2015	F	Y 2	2016	FY	2017		To Co	omplete	To	otal	_
Instal	lation (Cost								Qty (Each)		I Cost	Qty (Each)	Total Cost	Qty (Each)		Total Cost	Qty (Each)	Total Cost		Qty 'Each)	Total Cost	Qty (Each)	Total Co	
All Pri	or Year	S								. ,	0	0.000	0		, ,	0	0.000		0.0			0.000	0		0.000
FY 20	11									48,000	ס	4.700	16,518	1.789		0	0.000	(0.0	000	(0.000	64,518	6	6.489
FY 20	12									()	0.000	31,482	3.411	3,	858	0.458	(0.0	000	(0.000	35,340	3	3.869
FY 20	13									(ס	0.000	0	0.000	23,	000	2.731	(0.0	000	(0.000	23,000	2	2.73
FY 20	14									()	0.000	0	0.000	21,	142	2.511	6,458	1.1	38	(0.000	27,600	3	3.649
FY 20	15									()	0.000	0	0.000		0	0.000	29,300	5.1	62	(0.000	29,300	Ę	5.162
FY 20	16									()	0.000	0	0.000		0	0.000	(0.0	000	(0.000	0	(0.00
FY 20	17									()	0.000	0	0.000		0	0.000	(0.0	000	(0.000	0	(0.000
To Co	mplete									()	0.000	0	0.000		0	0.000	(0.0	000	(0.000	0	(0.000
Total										48,000	ס	4.700	48,000	5.200	48,	000	5.700	35,758	6.3	800	(0.000	179,758	2	21.900
Instal	lation \$	Sched	ule																						
			FY 2	011			FY 2	012			FY 2	013		FY 2014			FY 2015		FY 2	016		FY 201	7		
APY 1 2 3 4 1 2 3 4								1	2	3	4 1	2 3	4	1	2 3	-	1 2	3	4		3 4		Tot		
In	-	0	0	0	0	0	0	0	0	0	0	0 4										2,00012,000 7,7		0 79,	
Out	Out - 0 0 0 0 0 0 0							0	0	0	012 0001	2 00012 000	12 00012	ດດດ	12 00012 0001	2 00012 (00012 00013	2 00013	2 00012	2,00012,00011,1	758 0	07 9,	758		

LI GB3007 - M4 Carbine Mods Army UNCLASSIFIED
Page 11 of 13

Date: February 2012 Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GB3007 - M4 Carbine Mods

(Modification Title, Modification Number): M4 PIP - TBD

Type Modification: Increased Performance Related RDT&E PEs: Models of Systems Affected: M4/M4A1 CARBINE

Installation: M4 Product Improvement Program (PIP) Phase II	Me	thod of Impl	ementation:	Installed by	SARET		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	13 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	12,000	5.700	14,634	0.000	26,634	5.700
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	2,966	0.000	2,966	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	12,000	5.700	17,600	0.000	29,600	5.700

UNCLASSIFIED Page 12 of 13

229

LI GB3007 - M4 Carbine Mods

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GB3007 - M4 Carbine Mods

Modification Nomenclature
(Modification Title, Modification Number):
M4 PIP - TBD

Installation: M4 Product Improvement Program (PIP) Phase II Method of Implementation: Installed by SARET Installation Name:

Installation Schedule

				FY 2	011			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	017			
	APY	1	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,0001	2,0001	3,6002	9,600
Out	-		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	01	2,0001	7,6002	9,600

UNCLASSIFIED
Page 13 of 13

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

GB4000 - M2 50 Cal Machine Gun MODS

Vehicles / BSA 20 : Mod Of Weapons And Other Combat Veh

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

Program Elements for Code B Items: 0604601A

Other Related Program Elements:

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	61.270	60.000	48.856	39.974	-	39.974	39.942	38.041	29.690	50.176	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	61.270	60.000	48.856	39.974	-	39.974	39.942	38.041	29.690	50.176	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	61.270	60.000	48.856	39.974	-	39.974	39.942	38.041	29.690	50.176	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)		•	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The M2A1 Quick Change Barrel (QCB) Kit provides enhancements for the .50 Caliber M2 Heavy Barrel Machine Gun to provide the Soldier with the ability to quickly change the barrel without the need to reset the headspace and timing and reduce the visible muzzle flash. The quick change barrel kits are being produced allowing the Army to retrofit the current M2 fleet on a one for one basis. Also provides other ancillary equipment such as the M3 Tripod, XM205 Lightweight Tripod, MK93 Mount and similar mounts, and improved sighting systems.

Item Sche	edule		F	Prior Year	rs		FY 2011			FY 2012		FY	′ 2013 Ba	ise	F۱	′ 2013 O	co	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M2 Mods - TBD	P3A		-	-	61.270	-	-	60.000	-	-	48.856	-	-	39.974	-	-	-	-	-	39.974
Total Gross/Weapon System Cost					61.270			60.000			48.856			39.974			-			39.974
	·			FY 2014			FY 2015			FY 2016			FY 2017		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M2 Mods - TBD	P3A		-	-	39.942	-	-	38.041	-	-	29.690	-	-	50.176	-	-	-	-	-	-
Total Gross/Weapon					39.942			38.041			29.690			50.176			_			

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P48 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P40.

Justification:

LI GB4000 - M2 50 Cal Machine Gun MODS

System Cost

UNCLASSIFIED

	P-40, Budget Item Justification Sheet: PB 2013 Army priation / Budget Activity / Budget Sub Activity: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat vs. (B4000 - M2 50 Cal Machine Gun MODS st / BSA 20: Mod of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Combat Vsh Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements: Incomparison of Mode of Weapons And Other Related Program Elements:							
Exhibit P-40, Budget Item Justification Sheet	: PB 2013 Army		Date: February 2012					
2033A: Procurement of W&TCV, Army / BA 2:	Weapons and Other Combat r Combat Veh	GB4000 - M2 50 Cal I						
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code	B Items : 0604601A	Other Related Program Elements:					
			y the active and reserve components of the Armed Forces for homeland					

LI GB4000 - M2 50 Cal Machine Gun MODS Army

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GB4000 - M2 50 Cal Machine Gun MODS

M2 Modification Title, Modification Number):
M2 Mods - TBD

Type Modification: Increase performance Related RDT&E PEs:

M2 and MK-19 Grenade Machine Gun

Models of Systems Affected: Machine Gun, CAL .50

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	61.270	60.000	48.856	39.974	-	39.974	39.942	38.041	29.690	50.176	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	61.270	60.000	48.856	39.974	-	39.974	39.942	38.041	29.690	50.176	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	61.270	60.000	48.856	39.974	-	39.974	39.942	38.041	29.690	50.176	Continuing	Continuing
(The follow	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The M2A1 Quick Change Barrel (QCB) Kit provides enhancements for the .50 Caliber M2 Heavy Barrel Machine Gun to provide the Soldier with the ability to quickly change the barrel without the need to reset the headspace and timing and reduce the visible muzzle flash. M3 Tripods and XM205 Lightweight Tripods mount for M2/MK19 Machine Guns in dismounted role. The XM205 Tripod provides integral traverse and elevation mechanisms for easier, more accurate target engagement; adjustable traverse limit stop for night time missions; and a new lightweight pintle design.

Development Status/Maior Deve	elopment Milestones
-------------------------------	---------------------

2010100000		
Date	Title	Description
Aug 2011	Production Verification Test	XM205 Tripod
Aug 2011	Operational Test	XM205 Tripod
Mar 2012	Type Classification - Standard	XM205 Tripod
Aug 2013	First Unit Equipped	XM205 Tripod

UNCLASSIFIED
Page 3 of 9

Exhibit P-3A, Individual Modification: PB 2013 Army
Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

Modification Nomenclature

2033A / BA 2 / BSA 20

GB4000 - M2 50 Cal Machine Gun MODS

(Modification Title, Modification Number):

M2 Mods - TBD

Date: February 2012

Models of Systems Affected: Machine Gun, CAL .50

Type Modification: Increase performance

Related RDT&E PEs:

	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
Procurement											,	
M2A1 Quick Change Barrel Kit ⁽¹⁾												
B Kits												
Recurring												
Hardware Quick Change Barrel Kits	6,408	48.100	7,913	50.587	6,928	39.488	6,754	38.500	0	0.000	6,754	38.50
Engineering Support	0	2.400	0	0.573	0	1.300	0	0.774	0	0.000	0	0.77
Testing	0	0.500	0	0.000	0	0.300	0	0.000	0	0.000	0	0.00
Integrated Logistics Support	0	0.500	0	0.000	0	0.100	0	0.100	0	0.000	0	0.10
Fielding	0	0.400	0	0.000	0	0.100	0	0.100	0	0.000	0	0.10
New Equipment Training	0	0.370	0	0.000	0	0.100	0	0.100	0	0.000	0	0.10
First Destination Transp	0	0.400	0	0.300	0	0.400	0	0.300	0	0.000	0	0.30
Anniston Conversion	0	0.000	0	0.540	0	1.012	0	0.100	0	0.000	0	0.10
Anniston Packaging	0	0.000	0	0.500	0	0.200	0	0.000	0	0.000	0	0.00
Subtotal Recurring		52.670		52.500		43.000		39.974		0.000		39.97
Total, M2A1 Quick Change Barrel Kit	6,408	52.670	7,913	52.500	6,928	43.000	6,754	39.974	0	0.000	6,754	39.97
Tripods ⁽²⁾								·				
B Kits												
Recurring												
M3 Tripods Qty	12,109	8.500	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
XM205 Tripod Qty	0	0.000	2,370	5.924	2,042	5.106	0	0.000	0	0.000	0	0.00
Engineering Support	0	0.100	0	0.911	0	0.350	0	0.000	0	0.000	0	0.00
Integrated Logistics Support	0	0.000	0	0.100	0	0.100	0	0.000	0	0.000	0	0.00
New Equipment Training	0	0.000	0	0.200	0	0.100	0	0.000	0	0.000	0	0.00
Fielding	0	0.000	0	0.165	0	0.100	0	0.000	0	0.000	0	0.00
First Destination Transportation	0	0.000	0	0.200	0	0.100	0	0.000	0	0.000	0	0.00
Subtotal Recurring		8.600		7.500		5.856		0.000		0.000		0.00
Total, Tripods	12,109	8.600	2,370	7.500	2,042	5.856	0	0.000	0	0.000	0	0.00

LI GB4000 - M2 50 Cal Machine Gun MODS Army

UNCLASSIFIED
Page 4 of 9

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

Modification Nomenclature

2033A / BA 2 / BSA 20

GB4000 - M2 50 Cal Machine Gun MODS

(Modification Title, Modification Number):

M2 Mods - TBD

Models of Systems Affected: Machine Gun, CAL .50

Type Modification: Increase performance

Related RDT&E PEs:

M2 and MK-19 Grenade Machine Gun

	Prior	Years	FY 2	2011	FY:	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total, All Modifications		61.270		60.000		48.856		39.974		0.000		39.974
Procurement Cost (Procurement + Support)		61.270		60.000		48.856		39.974		0.000		39.974
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		61.270		60.000		48.856		39.974		0.000		39.974

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cos						
Procurement												
M2A1 Quick Change Barrel Kit ⁽¹⁾												
B Kits												
Recurring												
Hardware Quick Change Barrel Kits	6,754	38.600	6,403	36.600	5,000	28.300	8,508	48.500	0	0.000	54,668	328.67
Engineering Support	0	0.642	0	0.741	0	0.690	0	0.876	0	0.000	0	7.99
Testing	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.80
Integrated Logistics Support	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	1.10
Fielding	0	0.100	0	0.100	0	0.100	0	0.200	0	0.000	0	1.10
New Equipment Training	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	0.97
First Destination Transp	0	0.300	0	0.300	0	0.300	0	0.300	0	0.000	0	2.60
Anniston Conversion	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	2.0
Anniston Packaging	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.70
Subtotal Recurring		39.942		38.041		29.690		50.176		0.000		345.99
Total, M2A1 Quick Change Barrel Kit	6,754	39.942	6,403	38.041	5,000	29.690	8,508	50.176	0	0.000	54,668	345.99
Tripods ⁽²⁾												
B Kits												
Recurring												
M3 Tripods Qty	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	12,109	8.50
XM205 Tripod Qty	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4,412	11.03

UNCLASSIFIED
Page 5 of 9

LI GB4000 - M2 50 Cal Machine Gun MODS Army

Exhibit P-3A, Individual Modification: PB 2013 Army **Date:** February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 (Modification Title, Modification Number): GB4000 - M2 50 Cal Machine Gun MODS M2 Mods - TBD

Models of Systems Affected: Machine Gun, CAL .50 Type Modification: Increase performance Related RDT&E PEs:

M2 and MK-19 Grenade Machine Gun

	<u> </u>											
	FY :	2014	FY:	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
Engineering Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1.361
Integrated Logistics Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.200
New Equipment Training	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.300
Fielding	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.265
First Destination Transportation	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.300
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		21.956
Total, Tripods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	16,521	21.956
Total, All Modifications		39.942		38.041		29.690		50.176		0.000		367.949
Procurement Cost (Procurement + Support)		39.942		38.041		29.690		50.176		0.000		367.949
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		39.942		38.041		29.690		50.176		0.000		367.949

Remarks:

⁽²⁾M3 Tripods and XM205 Lightweight Tripods mount for M2/MK19 Machine Guns in dismounted role.

Manufacturer Informati	on: M2A1 Quick Change B	Barrel Kit					
Manufacturer Name: TB	D			Manufacturer Location: TE	3D		
Administrative Leadtime	(in Months): 4			Production Leadtime (in M	fonths): 9		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Feb 2012	Feb 2012	Feb 2013	Dec 2013	Dec 2014	Dec 2015	Dec 2016
Delivery Dates	Oct 2012	Oct 2012	Oct 2013	Aug 2014	Jun 2015	Jun 2016	Jun 2017
Manufacturer Informati	on: Tripods			·			
Manufacturer Name: NA				Manufacturer Location: NA	A		
Administrative Leadtime	(in Months): 10			Production Leadtime (in N	fonths): 6		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Aug 2012	Aug 2012					
Delivery Dates	Jan 2013	Jan 2013					

UNCLASSIFIED Page 6 of 9

⁽¹⁾ The M2A1 Quick Change Barrel Kit provides enhancements for the .50 Caliber M2 Heavy Barrel Machine Gun to provide the Soldier with the ability to quickly change the barrel without the need to reset the headspace and timing and to reduce the visible muzzle flash.

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A / BA 2 / BSA 20

GB4000 - M2 50 Cal Machine Gun MODS

Modification Nomenclature(*Modification Title, Modification Number*):

M2 Mods - TBD

Models of Systems Affected: Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun

Type Modification: Increase performance

Related RDT&E PEs:

Installation: M2A1 Quick Change Barrel Kit	Me	thod of Impl	ementation:	Overhaul/co	nversion		Installa	tion Name:				
	Prior	Years	FY 2	011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	1,200	0.000	3,600	0.000	1,608	0.000	0	0.000	1,608	0.000
FY 2011	0	0.000	0	0.000	0	0.000	6,258	0.000	0	0.000	6,258	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	1,200	0.000	3,600	0.000	7,866	0.000	0	0.000	7,866	0.000

	FY:	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	6,408	0.000
FY 2011	1,655	0.000	0	0.000	0	0.000	0	0.000	0	0.000	7,913	0.000
FY 2012	6,112	0.000	816	0.000	0	0.000	0	0.000	0	0.000	6,928	0.000
FY 2013	0	0.000	6,131	0.000	623	0.000	0	0.000	0	0.000	6,754	0.000
FY 2014	0	0.000	0	0.000	6,317	0.000	437	0.000	0	0.000	6,754	0.000
FY 2015	0	0.000	0	0.000	0	0.000	6,403	0.000	0	0.000	6,403	0.000
FY 2016	0	0.000	0	0.000	0	0.000	150	0.000	4,850	0.000	5,000	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	8,508	0.000	8,508	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	7,767	0.000	6,947	0.000	6,940	0.000	6,990	0.000	13,358	0.000	54,668	0.000

UNCLASSIFIED

LI GB4000 - M2 50 Cal Machine Gun MODS

Date: February 2012 Exhibit P-3A, Individual Modification: PB 2013 Army Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GB4000 - M2 50 Cal Machine Gun MODS (Modification Title, Modification Number): M2 Mods - TBD

Models of Systems Affected: Machine Gun, CAL .50 Type Modification: Increase performance Related RDT&E PEs:

M2 and MK-19 Grenade Machine Gun

Installation: M2A1 Quick Change Barrel Kit Method of Implementation: Overhaul/conversion **Installation Name:**

Installation Schedule

Army

11150	anation	Conca	uic																												
			FY 2	2011			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	016			FY 2	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	600	600	900	900	900	900	1,966	1,967	1,966	1,967	1,942	1,942	1,942	1,941	1,737	1,737	1,737	1,736	1,735	1,735	1,735	1,735	1,747	1,748	1,747	1,748	1,7401	1,6185	4,668
Out	-	0	0	600	600	900	900	900	900	1,966	1,967	1,966	1,967	1,942	1,942	1,942	1,941	1,737	1,737	1,737	1,736	1,735	1,735	1,735	1,735	1,747	1,748	1,747	1,7481	3,3585	4,668

Installation: Tripods	Me	thod of Impl	ementation:	Installed by	Troops		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	012	FY 201	3 Base	FY 201	13 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

UNCLASSIFIED LI GB4000 - M2 50 Cal Machine Gun MODS Page 8 of 9

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GB4000 - M2 50 Cal Machine Gun MODS

(Modification Title, Modification Number):

000 - M2 50 Cal Machine Gun MODS (Modification Title, Modification Nu. M2 Mods - TBD

Models of Systems Affected: Machine Gun, CAL .50 Type Modification: Increase performance Related RDT&E PEs:

M2 and MK-19 Grenade Machine Gun

Installation: Tripods	Me	thod of Impl	ementation:	Installed by	Troops		Installa	tion Name:				
	FY 2	2014	FY 2	2015	FY 2	016	FY 2	2017	То Со	mplete	Т	otal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	(0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	(0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	(0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1	0.000

Installation Schedule

			FY 2	2011			FY:	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

239

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

GZ1290 - M249 SAW Machine Gun MODS

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

ID Code (A=Service Ready, B=Not Service Ready) : A		Prograi	m Elements f	for Code B Ite	ems:		Oth	ner Related P	rogram Elem	nents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	124.800	5.888	8.480	4.996	-	4.996	5.098	5.155	5.245	5.333	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	124.800	5.888	8.480	4.996	-	4.996	5.098	5.155	5.245	5.333	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	124.800	5.888	8.480	4.996	-	4.996	5.098	5.155	5.245	5.333	Continuing	Continuing
(The fol	lowing Resource	Summary rows	are for informa	ational purposes	only. The corre	esponding budg	et requests are	documented e	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Gross/Weapon System Unit Cost (\$ in Thousands)

The M249 Squad Automatic Weapon (SAW) is a 5.56mm, lightweight machine gun that can be utilized in either the automatic rifle role or light machine gun role. Various system enhancements have been identified that improve the use of this weapon system. These include the addition of a feedtray cover rail and forward rail assemblies. The addition of these rails provides a MIL-STD-1913 interface allowing the mounting of standard military optics and other target designation devices directly to the machine gun. Improved components include a collapsible buttstock, bipod and 200-round ammunition pack. Other items being procured to enhance Soldier performance include a light weight ground mount, short barrel blank firing adapter and improved sling assembly.

Item Sche	dule		Р	rior Yea	rs		FY 2011			FY 2012		FY	2013 Ba	se	FY	′ 2013 O	co	FY	′ 2013 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M249 SAW Machine Gun MODS - TBD	P3A		-	-	124.800	-	-	5.888	-	-	8.480	-	-	4.996	-	-	-	-	-	4.996
Total Gross/Weapon System Cost					124.800			5.888			8.480			4.996			-			4.996
				FY 2014			FY 2015			FY 2016			FY 2017		To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M249 SAW Machine Gun MODS - TBD	P3A		-	-	5.098	-	-	5.155	-	-	5.245	-	-	5.333	-	-	-	-	-	-
Total Gross/Weapon System Cost					5.098			5.155			5.245			5.333			-			-

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

UNCLASSIFIED

	UNCL	ASSIFIED		
Exhibit P-40, Budget Item Justification Sheet: PB	2013 Army		Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activ 2033A : Procurement of W&TCV, Army / BA 2 : Wear Vehicles / BSA 20 : Mod Of Weapons And Other Com	pons and Other Combat	P-1 Line Item Nomenclate GZ1290 - M249 SAW Mac		
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B	Items:	Other Related Program Elements:	
Justification: FY13 Base procurement dollars in the amount of \$4.996 million is ground mounts, 200 round soft pack magazine, feedbox support the Soldier better adjustability and is compatible with the accessed deployed with a collapsible buttstock and short barrel it reduces Urban Terrain (MOUT), and Airborne/Air Assault Operations. It a The shortened M249 improves survivability in extended missions reduces the Soldier's combat load weight by 7.2 lbs. It incorporates as contains a series of index marks that enables gunners to constitution.	t improvement kit (FSIK) for the M249 ory rail kit. The improved collapsible be the overall weapon length by 10 inche allows for easier egress and entrance is and close combat situations encount tes a modern traverse and elevating necessity.	SAW Machine Gun weapon system. buttstock provides the Soldier improves, when compared to the standard is into vehicles and confined areas, als tered in current war-time deployment	The improved bipod is stronger than the existing bipod ed ergonomics resulting in better target acquisition. The saue M249 SAW. The shorter length improves Military Co facilitates clearing operation in current urban combat is. The M192 Light Weight Ground Mount, which weights	I. It allows M249 when Deration in environments. 11 lbs.,
In accordance with Section 1815 of the FY2008 National Defens defense missions, domestic emergency responses, and providing	,	s item is necessary for use by the ac	ctive and reserve components of the Armed Forces for I	nomeland

LI GZ1290 - M249 SAW Machine Gun MODS Army

Exhibit P-3A, Individual Modification: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity 2033A / BA 2 / BSA 20	P-1 Line Item Nomenclature: GZ1290 - M249 SAW Machine Gun MODS	Modification Nomenclature (Modification Title, Modification Number): M249 SAW Machine Gun MODS - TBD

Models of Systems Affected: M249 SAW Machine Type Modification: Increased Performance Related RDT&E PEs:

Gun

December Summers	Prior	FY 2011	FY 2012	FY 2013	FY 2013 OCO	FY 2013	EV 2014	EV 2045	EV 2016	EV 2017	To Complete	Total
Resource Summary	Years	F1 2011	F1 2012	Base	000	Total	FY 2014	F1 2015	FY 2016	F1 2017	Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	124.800	5.888	8.480	4.996	-	4.996	5.098	5.155	5.245	5.333	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	124.800	5.888	8.480	4.996	-	4.996	5.098	5.155	5.245	5.333	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	124.800	5.888	8.480	4.996	-	4.996	5.098	5.155	5.245	5.333	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Various system enhancements have been identified that improve the use of this weapon system. These include the addition of a feedtray cover rail and forward rail assemblies. The addition of these rails provides a MIL-STD-1913 interface allowing the mounting of standard military optics and other target designation devices directly to the machine gun. Improved components include a collapsible buttstock, bipod and 200-round ammunition pack. Other items being procured to enhance Soldier performance include a light weight ground mount, short barrel, short barrel blank firing adapter and improved sling assembly.

> **UNCLASSIFIED** Page 3 of 13

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:

GZ1290 - M249 SAW Machine Gun MODS

Modification Nomenclature
(Modification Title, Modification Number):
M249 SAW Machine Gun MODS - TBD

Models of Systems Affected: M249 SAW Machine

Type Modification: Increased Performance

Related RDT&E PEs:

	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
Procurement												
M249 SAW Bipod ⁽¹⁾		-										
B Kits												
Recurring												
Hardware	0	15.900	1,617	0.173	1,458	0.135	0	0.000	0	0.000	0	0.00
Engineering Support	0	2.700	0	0.158	0	0.135	0	0.050	0	0.000	0	0.05
Integrated Logistical Support	0	0.700	0	0.030	0	0.000	0	0.000	0	0.000	0	0.00
Fielding	0	0.300	0	0.076	0	0.074	0	0.074	0	0.000	0	0.07
Program Management Support	0	0.000	0	0.146	0	0.050	0	0.050	0	0.000	0	0.05
Subtotal Recurring		19.600		0.583		0.394		0.174		0.000		0.17
Total, M249 SAW Bipod	0	19.600	1,617	0.583	1,458	0.394	0	0.174	0	0.000	0	0.17
M249 Short Barrel/Short Barrel BFA/Coll Buttstock (2)												
B Kits						,		,				
Recurring												
Hardware	0	60.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Short Barrel	0	0.000	4,740	1.554	0	0.000	3,297	1.174	0	0.000	3,297	1.17
Blank Firing Adapter	0	0.000	2,818	0.248	4,505	0.417	0	0.000	0	0.000	0	0.00
Collapsible Buttstock	0	0.000	2,000	0.464	2,761	0.679	2,288	0.572	0	0.000	2,288	0.57
Engineering Support	0	3.800	0	0.287	0	0.270	0	0.254	0	0.000	0	0.25
Integrated Logistical Support	0	0.600	0	0.020	0	0.000	0	0.000	0	0.000	0	0.00
Fielding	0	0.200	0	0.149	0	0.146	0	0.148	0	0.000	0	0.14
Program Management Support	0	0.000	0	0.246	0	0.492	0	0.255	0	0.000	0	0.25
Subtotal Recurring		64.600		2.968		2.004		2.403		0.000		2.40
Total, M249 Short Barrel/Short Barrel BFA/Coll Buttstock	0	64.600	9,558	2.968	7,266	2.004	5,585	2.403	0	0.000	5,585	2.40
Light Weight Ground Mount ⁽³⁾												
B Kits												
BINITS												

LI GZ1290 - M249 SAW Machine Gun MODS Army

UNCLASSIFIED
Page 4 of 13

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GZ1290 - M249 SAW Machine Gun MODS

Modification Nomenclature
(Modification Title, Modification Number):
M249 SAW Machine Gun MODS - TBD

Models of Systems Affected: M249 SAW Machine Type Modification: Increased Performance Related RDT&E PEs:

Gun

	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
Hardware- Lightweight Ground Mount	0	26.500	880	0.833	2,529	2.521	1,029	1.056	0	0.000	1,029	1.05
Engineering Support	0	2.400	0	0.178	0	0.171	0	0.172	0	0.000	0	0.17
Program Management Support	0	0.100	0	0.061	0	0.110	0	0.110	0	0.000	0	0.11
Integrated Logistical Support	0	0.300	0	0.030	0	0.025	0	0.030	0	0.000	0	0.03
Fielding	0	0.200	0	0.075	0	0.074	0	0.074	0	0.000	0	0.07
Subtotal Recurring		29.500		1.177		2.901		1.442		0.000		1.44
Total, Light Weight Ground Mount	0	29.500	880	1.177	2,529	2.901	1,029	1.442	0	0.000	1,029	1.44
200rd/Feedbox Spt Improvement Kit ⁽⁴⁾											,	
B Kits												
Recurring												
Hardware	0	9.800	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
200 Rd Magazine	0	0.000	0	0.000	26,793	1.661	0	0.000	0	0.000	0	0.00
Slings	0	0.000	6,000	0.231	1,230	0.303	0	0.000	0	0.000	0	0.00
Feedbox Support Improvement Kit	0	0.000	17,784	0.635	15,829	0.931	6,645	0.698	0	0.000	6,645	0.69
Engineering Support	0	1.200	0	0.133	0	0.122	0	0.114	0	0.000	0	0.11
Fielding	0	0.100	0	0.075	0	0.074	0	0.075	0	0.000	0	0.07
Program Management Support	0	0.000	0	0.086	0	0.090	0	0.090	0	0.000	0	0.09
Subtotal Recurring		11.100		1.160		3.181		0.977		0.000		0.97
Total, 200rd/Feedbox Spt Improvement Kit	0	11.100	23,784	1.160	43,852	3.181	6,645	0.977	0	0.000	6,645	0.97
Total, All Modifications		124.800		5.888		8.480		4.996		0.000		4.99
Procurement Cost (Procurement + Support)		124.800		5.888		8.480		4.996		0.000		4.99
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)		124.800		5.888		8.480		4.996		0.000		4.99

	FY 2	2014	FY 2	2015	FY:	2016	FY 2	2017	To Co	mplete	To	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (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												

LI GZ1290 - M249 SAW Machine Gun MODS Army

UNCLASSIFIED
Page 5 of 13

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A / BA 2 / BSA 20

Gun

GZ1290 - M249 SAW Machine Gun MODS

Modification Nomenclature (Modification Title, Modification Number):

M249 SAW Machine Gun MODS - TBD

Models of Systems Affected: M249 SAW Machine

Type Modification: Increased Performance

Related RDT&E PEs:

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
M249 SAW Bipod ⁽¹⁾			· · ·			, , ,				, , ,		
B Kits												
Recurring												
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	3,075	16.20
Engineering Support	0	0.045	0	0.040	0	0.035	0	0.030	0	0.000	0	3.19
Integrated Logistical Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.73
Fielding	0	0.074	0	0.072	0	0.072	0	0.072	0	0.000	0	0.81
Program Management Support	0	0.060	0	0.050	0	0.050	0	0.050	0	0.000	0	0.45
Subtotal Recurring		0.179		0.162		0.157		0.152		0.000		21.40
Total, M249 SAW Bipod	0	0.179	0	0.162	0	0.157	0	0.152	0	0.000	3,075	21.40
M249 Short Barrel/Short Barrel BFA/Coll Buttstock (2)												
B Kits												
Recurring												
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	60.00
Short Barrel	3,189	1.161	4,723	1.738	4,253	1.614	6,113	2.343	0	0.000	26,315	9.58
Blank Firing Adapter	8,585	0.841	4,267	0.431	12,182	1.267	9,576	1.025	0	0.000	41,933	4.22
Collapsible Buttstock	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	7,049	1.71
Engineering Support	0	0.242	0	0.228	0	0.216	0	0.204	0	0.000	0	5.50
Integrated Logistical Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.62
Fielding	0	0.146	0	0.147	0	0.147	0	0.147	0	0.000	0	1.23
Program Management Support	0	0.255	0	0.486	0	0.255	0	0.320	0	0.000	0	2.30
Subtotal Recurring		2.645		3.030		3.499		4.039		0.000		85.18
Total, M249 Short Barrel/Short Barrel BFA/Coll Buttstock	11,774	2.645	8,990	3.030	16,435	3.499	15,689	4.039	0	0.000	75,297	85.18
Light Weight Ground Mount (3)												,
B Kits												
Recurring												
Hardware- Lightweight Ground Mount	1,029	1.077	1,029	1.108	730	0.811	488	0.560	0	0.000	7,714	34.46

LI GZ1290 - M249 SAW Machine Gun MODS Army

UNCLASSIFIED
Page 6 of 13

Exhibit P-3A, Individual Modification: PB 2013 Army **Date:** February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GZ1290 - M249 SAW Machine Gun MODS (Modification Title, Modification Number): M249 SAW Machine Gun MODS - TBD

Models of Systems Affected: M249 SAW Machine Type Modification: Increased Performance Related RDT&E PEs:

Gun

	FY	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	nplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Engineering Support	0	0.166	0	0.158	0	0.154	0	0.146	0	0.000	0	3.545
Program Management Support	0	0.110	0	0.110	0	0.105	0	0.105	0	0.000	0	0.811
Integrated Logistical Support	0	0.030	0	0.030	0	0.030	0	0.030	0	0.000	0	0.505
Fielding	0	0.073	0	0.075	0	0.075	0	0.076	0	0.000	0	0.722
Subtotal Recurring		1.456		1.481		1.175		0.917		0.000		40.049
Total, Light Weight Ground Mount	1,029	1.456	1,029	1.481	730	1.175	488	0.917	0	0.000	7,714	40.049
200rd/Feedbox Spt Improvement Kit (4)												
B Kits												
Recurring												
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	9.800
200 Rd Magazine	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	26,793	1.661
Slings	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	7,230	0.534
Feedbox Support Improvement Kit	10,360	0.555	6,000	0.229	6,000	0.177	0	0.000	0	0.000	62,618	3.225
Engineering Support	0	0.107	0	0.097	0	0.086	0	0.080	0	0.000	0	1.939
Fielding	0	0.076	0	0.076	0	0.076	0	0.075	0	0.000	0	0.627
Program Management Support	0	0.080	0	0.080	0	0.075	0	0.070	0	0.000	0	0.571
Subtotal Recurring		0.818		0.482		0.414		0.225		0.000		18.357
Total, 200rd/Feedbox Spt Improvement Kit	10,360	0.818	6,000	0.482	6,000	0.414	0	0.225	0	0.000	96,641	18.357
Total, All Modifications		5.098		5.155		5.245		5.333		0.000		164.995
Procurement Cost (Procurement + Support)		5.098		5.155		5.245		5.333		0.000		164.995
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		5.098		5.155		5.245		5.333		0.000		164.995

Remarks:

UNCLASSIFIED

246

⁽¹⁾ The M249 Squad Automatic Weapon (SAW) is a 5.56mm, lightweight, machine gun that will be utilized in the automatic rifle role and the machine gun role. The front rails are fastened to the sides and bottom of the M249 SAW receiver. They allow attachment of a large variety of existing and future high technology electronic and night vision devices, vertical handgrip, horizontal handgrip and combat optics. When the SAW is used in the automatic rifle role, the bottom rail provides an attachment point for the vertical handgrip. The front side rails accommodate the devices when the weapon is used in either role. The improved bipod is stronger, compatible with the front and bottom rails, and has easier adjustability of bipod legs for the Soldier.

			UNCL	ASSIFIED			
Exhibit P-3A, Indivi	dual Modification: P	B 2013 Army				Date: February 201	2
Appropriation / Bud 2033A / BA 2 / BSA	lget Activity / Budge 20	et Sub Activity:	P-1 Line Item No GZ1290 - M249 S	menclature: AW Machine Gun MODS	6	Modification Nome (Modification Title, M M249 SAW Machine	Modification Number):
	Affected: M249 SAV	V Machine Type	Modification: Incre	eased Performance	Related R	DT&E PEs:	
Gun							
by 10 inches. The short firing adapters allow rea	er weapon enhances opera distic training with the shor	ational capability by improv t barrel currently not availa	ring Military Operations i ble to the Soldier.	pon. The short barrel, when us in Urban Terrain (MOUT) mane	euverability and Airborn	e/Air Assault jump capabilities	s. The short barrel blank
range of weapon travers	se, as well as contains a se	eries of index marks that e	nables gunners to consti	•			
factors and improved qu	ack magazine provides qui uick detach buckles. The c ility to withstand hot barrel	lovetail support strengthen	s the magazine/weapon	capacity. The M249 Sling Asse interface preventing unintende	embly provides improve ed detaching of the mag	d durability, easier adjustabili gazine during rough handling.	ty, improved human The improved barrel bag
Manufacturer Information	n: M249 SAW Bipod						
Manufacturer Name: TRI	Technology Industries			Manufacturer Location: Mt.	. Vernon, NY		
Administrative Leadtime (in Months): 5			Production Leadtime (in Mo	lonths): 5		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Mar 2011	Mar 2012					
Delivery Dates	Jul 2011	Jul 2012					
Manufacturer Informatio	n: M249 Short Barrel/Sho	ort Barrel BFA/Coll Butts	tock				
Manufacturer Name: N/A				Manufacturer Location: N/A	A		
Administrative Leadtime (in Months): 5			Production Leadtime (in M	lonths): 10		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	May 2011	Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
Delivery Dates	Feb 2012	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	Dec 2017
Manufacturer Information	n: Light Weight Ground I	Mount					
Manufacturer Name: N/A				Manufacturer Location: N/A	A		
Administrative Leadtime (in Months): 5			Production Leadtime (in M	lonths): 4		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	May 2011	Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
Delivery Dates	Aug 2011	Jun 2012	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017
Manufacturer Information	n: 200rd/Feedbox Spt Im	provement Kit					
Manufacturer Name: N/A				Manufacturer Location: N/A	A		
Administrative Leadtime (in Months): 5			Production Leadtime (in M	lonths): 10		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Apr 2011	Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	

LI GZ1290 - M249 SAW Machine Gun MODS Army

UNCLASSIFIED Page 8 of 13

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A / BA 2 / BSA 20

GZ1290 - M249 SAW Machine Gun MODS

Modification Nomenclature
(Modification Title, Modification Number):
M249 SAW Machine Gun MODS - TBD

Models of Systems Affected: M249 SAW Machine

Type Modification: Increased Performance

Related RDT&E PEs:

Gun

Manufacturer Information: 200rd/Feedbox Spt Improvement Kit

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates	Jan 2012	Dec 2012	Dec 2013	Dec 2014	Dec 2015	Dec 2016	

Installation: M249 SAW Bipod	Ме	thod of Impl	ementation:	Installed by	Troops		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	То	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00

LI GZ1290 - M249 SAW Machine Gun MODS Army

UNCLASSIFIED
Page 9 of 13

Exhi	bit P-	3A, Ir	divid	dual N	Иo	dific	atio	n: Pi	B 20	013	3 Ar	my														D	ate:	Feb	ruary	2012				
	ropria BA / BA			_	cti	ivity	/ Bu	ıdge	t Sı	ıb A	Act	tivity	:		P-1 L GZ12						Gun I	MODS	6			(/	∕lodi1	icati	on Ti	omen tle, Mo	difica	ation		
Mod Gun	els of	Syst	ems .	Affec	te	d: M	249	SAW	V Ma	ach	ine)	Тур	ре М	lodifi	catio	n: Ind	crease	ed Pe	rform	ance	!		Rela	ated I	RDT&E	PE	s:						
Instal	lation:	M249 \$	SAW B	Bipod									Met	hod c	of Impl	emen	tation:	Install	ed by	Ггоорѕ				Insta	llation	n Name:								
													FY 2	2014			FY 2	2015			FY 20	016		F	Y 2017	7		То С	omple	te		To	tal	
Instal	lation (Cost										Qty (Each)		I Cost		Qty ach)	Total (\$ /		Qty (Eacl		Total C		Qty (Each)		otal Cost		Qty ach)		tal Cost		Qty ach)		I Cost
Total													0		0.000		0		0.000		0	(0.000		0	0.000			0	0.000		0		0.000
Instal	lation S	Schedu	ıle																·										Ċ					
			FY 2	2011				FY 2	2012					FY 20	013			FY 2	014			FY 2	2015			FY 201	6			FY 2	017			
	APY	1	2	3	4	ı	1	2	3		4	1		2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	0	0		0	0	0		0		_	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	(
Out	-	0	0	0		0	0	0		0	(0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C
Inetal	lation:	M240 9	Short F	Rarrol/S	Sho	rt Bar	al RE	A/Co	JI Ru	ttete	nck		Mot	hod c	of Impl	omon	tation	Inetall	ed by	Froons				Ineta	llation	Namo:								
Instal	lation:	M249 \$	Short E	Barrel/S	Sho	rt Bar	el BF	A/Co	II Bu	ttstc	ock	P			of Impl	emen			ed by	Ггоорs	FY 20	012				n Name:		FY 2	013 O	20		FY 20°	13 Tot	al
			Short E	Barrel/S	Sho	rt Bar	el BF	A/Co	ll Bu	ttstc	ock	P		Years			tation: FY 2			Troops Qty	FY 20	012 Total C	ost	FY 2	013 Ba	ase otal Cost		FY 2		al Cost		FY 20'		al Il Cost
Instal	lation (Cost	Short E	Barrel/S	Sho	rt Bar	el BF	A/Co	II Bu	ttsto	ock		rior `	Years Total	I Cost	C	FY 2 Qty ach)	2011 Total (\$ /	Cost		h)	Total C)	FY 2	013 Ba	ase otal Cost (\$ M)			Tot	tal Cost	(E	Qty ach)	Tota	I Cost
Insta l	lation (or Year	Cost	Short E	Barrel/S	Sho	rt Bar	el BF	A/Co	II Bu	ttstc	ock	Qty	rior `	Years Total	(I Cost (M))	C	FY 2 Qty ach)	2011 Total (\$ //	Cost //) 0.000	Qty	h) 0	Total C	0.000	FY 2	013 Ba	ase otal Cost (\$ M)		Qty	Tot (tal Cost (\$ M) 0.000	(E	Qty ach)	Tota	Il Cost (i M) (0.000
Instal All Pri FY 20	lation (or Year	Cost	Short E	Barrel/S	Sho	rt Barı	el BF	FA/Co	II Bu	ttstc	ock	Qty	rior `	Years Total	(M) 0.000 0.000	C	FY 2 2ty ach) 0	2011 Total (\$ /	Cost (1) 0.000 0.000	Qty	h)	Total C	0.000	FY 2	013 Ba	ase otal Cost (\$ M) 0.000		Qty	Tot	(\$ M) 0.000	(E	Qty ach)	Tota	(i Cost (i M) (i 0.000
Instal All Pri FY 20 FY 20	lation (or Year 111	Cost	Short E	Barrel/S	Sho	rt Bar	el BF	FA/Co	ll Bu	ttstc	ock	Qty	0	Years Total	(I Cost (M))	C	FY 2 Qty ach)	2011 Total (\$ /	Cost //) 0.000	Qty	h) 0	Total C (\$ M	0.000	FY 2	013 Ba	ase otal Cost (\$ M)		Qty	0 0	tal Cost (\$ M) 0.000	(E	Q ty ach) 0	Tota	Il Cost (i M) (0.000
Instal All Pri FY 20	lation (or Year	Cost	Short E	3arrel/S	Sho	rt Barı	el BF	FA/Co	ll Bu	ttsto	ock	Qty	0 0 0	Years Total	0.000 0.000 0.000	C	FY 2 Oty ach) 0 0	2011 Total (\$ //	Cost (1) 0.000 0.000 0.000	Qty	0 0	Total C (\$ M	0.000	FY 2	013 Ba	ase otal Cost (\$ M) 0.000 0.000 0.000		Qty	0 0 0 0	(\$ M) 0.000 0.000	(E	Qty ach) 0	Tota	0.000 0.000
Instal All Pri FY 20 FY 20 FY 20	lation (or Year 111 112 113	Cost	Short E	3arrel/S	Sho	rt Barı	el BF	FA/Co	II Bu	ttstc	ock	Qty	0 0 0	Years Total	(i Cost (i M) (0.000 (0.000 (0.000 (0.000	C	FY 2 Oty ach) 0 0 0 0	2011 Total (\$ //	Cost //) 0.000 0.000 0.000 0.000	Qty	0 0 0 0	Total C (\$ M)) 0.000 0.000 0.000 0.000	FY 2	013 Ba To 0 0 0 0 0	ase otal Cost (\$ M) 0.000 0.000 0.000 0.000		Qty	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(\$ M) 0.000 0.000 0.000 0.000	(E	Oty ach) 0 0	Tota (\$	0.000 0.000 0.000
Instal All Pri FY 20 FY 20 FY 20	or Year 111 112 113 114	Cost	Short E	Barrel/S	Sho	rt Bar	rel BF	FA/Co	II Bu	ttstc	ock	Qty	0 0 0 0	Years Total	0.000 0.000 0.000 0.000 0.000	C	FY 2 Otty ach) 0 0 0 0 0	2011 Total (\$ A	Cost //) 0.000 0.000 0.000 0.000 0.000	Qty	0 0 0 0	Total C (\$ M)) 0.000 0.000 0.000 0.000	FY 2	013 Ba	ase otal Cost (\$ M) 0.000 0.000 0.000 0.000 0.000		Qty	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.000 0.000 0.000 0.000 0.000	(E	0 0 0 0 0	Tota (\$	0.000 0.000 0.000 0.000
Instal All Pri FY 20 FY 20 FY 20 FY 20	lation (or Year 111 12 13 14 15	Cost	Short E	3arrel/S	Sho	rt Bar	el BF	FA/Co	III Bu	ttstc	ock	Qty	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Years Total	0.000 0.000 0.000 0.000 0.000 0.000	C	FY 2 Otty ach) 0 0 0 0 0 0 0	ZO11 Total (\$ A	Cost (A) 0.000 0.000 0.000 0.000 0.000 0.000	Qty	0 0 0 0 0	Total C (\$ M)	0.000 0.000 0.000 0.000 0.000 0.000	FY 2	013 Ba 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ase otal Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000		Qty	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.000 0.000 0.000 0.000 0.000 0.000	(E	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tota (\$	0.000 0.000 0.000 0.000 0.000
Instal All Pri FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 FY 20	lation (or Year 111 12 13 14 15	Cost	Short E	3arrel/S	Sho	rt Bar	el BF	FA/Co	III But	ttstc	ock	Qty	0 0 0 0 0 0	Years Total	0.000 0.000 0.000 0.000 0.000 0.000 0.000	C	FY 2 Oty ach) 0 0 0 0 0 0 0	2011 Total (\$ A	Cost //) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total C (\$ M)	0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2	013 Ba 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ase otal Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000		Qty	Tot (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	al Cost (\$ M) 0.000 0.00	(E	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tota (\$	0.000 0.000 0.000 0.000 0.000 0.000
Instal All Pri FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 FY 20	lation (or Year 111 112 113 114 115 116	Cost	Short E	3arrel/S	Sho	rt Barı	el BF	FA/Co	III But	ttstc	ock	Qty	0 0 0 0 0 0	Years Total	(a) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	C	FY 2 Otty O O O O O O O O O O O O O	2011 Total (\$ A	Cost // 0.000	Qty	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total C (\$ M)	0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2	013 Ba To 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ase otal Cost (\$M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000		Qty	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	al Cost (\$ M) 0.000 0.00	(E	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Tota (§	0.000 0.000 0.000 0.000 0.000 0.000 0.000
Instal All Pri FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 TO Co	lation (or Year 111 112 113 114 115 116	Cost	Short E	3arrel/S	Sho	rt Bar	rel BF	FA/Co	III Bu	ttstc	ock	Qty (Each	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Years Total (\$	(a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	C	FY 2 Atty ach) 0 0 0 0 0 0 0 0 0 0 0 0 0	ZO11 Total (\$ //	Cost (A) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty	0 0 0 0 0 0 0	Total C: (\$ M	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each)	013 Ba	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000		Qty ach)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	all Cost \$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	(E	Otty ach) 0 0 0 0 0 0 0 0	Tota (§	0.000 0.000 0.000 0.000 0.000 0.000 0.000
Instal All Pri FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 TO Co Total	lation (or Year 111 112 113 114 115 116	Cost	Short E	3arrel/S	Sho	rt Bar	rel BF	FA/Co	III Bu	ttstc	ock	Qty (Each	o	Total (\$ 2014	1 Cost (M) (0.000 (0.00	(Ea	FY 2 Rty ach) 0 0 0 0 0 0 0 0 0 0 0 0 0	2011 Total (\$ //	Cost // 0.000	Qty	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total C: (\$ M	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each)	013 Ba	ase otal Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	(E	Qty ach)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	all Cost \$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	(E	Otty ach) 0 0 0 0 0 0 0 0	Total Total	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Instal All Pri FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 TO Co Total	lation (or Year 111 112 113 114 115 116 117 omplete	Cost	Short E	3arrel/S	Sho	rt Bar	rel BF	FA/Co	III Bu	ttstc	ock	Qty (Each	o	Total (\$ 2014	(a) Cost (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	(Ea	FY 2 2ty ach) 0 0 0 0 0 0 0 FY 2 2ty	2011 Total (\$ //	Cost // 0.000	Qty (Each	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total C: (\$ M) (0) (1) (1) (1) (1) (2) (3) (4) (6) (6) (7) (7) (8) (8) (8) (8) (8) (8) (8) (9) (9) (9) (9) (9) (9) (9) (1) (1) (1) (1) (1) (1) (1) (1	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each)	013 Ba	ase otal Cost (\$M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	(E	To C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(a) Cost (b) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	(E	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Total (3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Instal All Pri FY 20 FY 20 FY 20 FY 20 FY 20 FY 20 TO Co Total	lation (or Year 111 112 113 114 115 116 117 omplete lation (or Year	Cost	Short E	3arrel/S	Sho	rt Bar	rel BF	FA/Co	III Bu	ttsto	bck	Qty (Each	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total (\$ 2014	1 Cost (M) (0.000 (0.00	(Ea	FY 2 2ty ach) 0 0 0 0 0 0 0 0 FY 2 2ty ach)	2011 Total (\$ /\ \)	Cost //) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total C (\$ M) (0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each)	013 Ba To 0 0 0 0 0 0 0 0 0 0 0 To 0 0 To 0 To	ase otal Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 7 otal Cost (\$ M)	(E	To C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	all Cost \$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	(E	0 0 0 0 0 0 0 Tc Caty aach)	Total Tota(3	0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

LI GZ1290 - M249 SAW Machine Gun MODS Army

UNCLASSIFIED Page 10 of 13

P-1 Line #32

249

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GZ1290 - M249 SAW Machine Gun MODS

M249 SAW Machine Gun MODS - TBD

Models of Systems Affected: M249 SAW Machine Type Modification: Increased Performance Related RDT&E PEs:

Gun

Installation: M249 Short Barrel/Short Barrel BFA/Coll Buttstoc	k Me	thod of Impl	ementation:	Installed by	Troops		Installa	tion Name:				
	FY	2014	FY 2	2015	FY 2	016	FY 2	2017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

Installation Schedule

			FY	2011			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Me	thod of Impl	ementation:	Installed by	Troops		Installa	tion Name:				
Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 ОСО	FY 201	3 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)
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
	Prior	Prior Years Qty (Each)	Prior Years FY 2 Qty (Each) Total Cost (\$M) Qty (Each) 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0	Prior Years FY 2011 Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) 0 0.000 0 0.000 0 0 0.000 0 0.000 0 0 0.000 0 0.000 0 0 0.000 0 0.000 0 0 0.000 0 0.000 0 0 0.000 0 0.000 0 0 0.000 0 0.000 0 0 0.000 0 0.000 0 0 0.000 0 0.000 0 0 0.000 0 0.000 0	Prior Years FY 2011 FY 2012 Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000	Prior Years FY 2011 FY 2012 FY 201 Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each)	Prior Years FY 2011 FY 2012 FY 2013 Base	Prior Years FY 2011 FY 2012 FY 2013 Base FY 201 Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each)	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO	Prior Years FY 2011 FY 2012 FY 2013 Base FY 2013 OCO FY 2013 Qty (Each) (SM) (Each) (Each) (SM) (Each) (Each) (SM) (Each) (Each

LI GZ1290 - M249 SAW Machine Gun MODS Army

UNCLASSIFIED
Page 11 of 13

Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GZ1290 - M249 SAW Machine Gun MODS (Modification Title, Modification Number): M249 SAW Machine Gun MODS - TBD Models of Systems Affected: M249 SAW Machine Type Modification: Increased Performance Related RDT&E PEs: Gun Installation: Light Weight Ground Mount Method of Implementation: Installed by Troops Installation Name: FY 2015 FY 2016 FY 2017 FY 2014 To Complete Total Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Installation Cost (Each) (Each) (\$ M) (Each) (Each) (Each) (\$ M) (Each) (\$ M) (\$ M) (\$ M) (\$ M) 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 0.000 All Prior Years FY 2011 0 0.000 0.000 0.000 0.000 0.000 0 0.000 FY 2012 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0.000 0.000 0 0.000 0.000 0 0.000 FY 2013 0 0 0 FY 2014 0.000 0.000 0.000 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2015 0 0.000 0.000 0.000 0 0.000 0 0.000 0 0.000 FY 2016 FY 2017 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 To Complete 0.000 0.000 0.000 0.000 0.000 0.000 Total Installation Schedule FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 **APY** 1 2 4 1 3 4 1 2 3 4 1 2 4 1 2 3 4 1 2 4 1 2 3 4 TC Tot 0 In 0 0 0 0 0 0 0 0 0 0 0 Out Installation: 200rd/Feedbox Spt Improvement Kit Method of Implementation: Installed by Troops Installation Name: FY 2012 **Prior Years** FY 2011 **FY 2013 Base FY 2013 OCO** FY 2013 Total Qty Total Cost Qtv **Total Cost** Qty **Total Cost Total Cost** Qty **Total Cost** Qty Total Cost Qtv Installation Cost (Each) (\$ M (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) All Prior Years 0.000 0.000 0.000 0.000 0.000 0.000 0 0.000 0.000 0.000 0.000 0 FY 2011 0 0.000 0.000 FY 2012 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2013 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2014 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 FY 2015 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2016 0.000 0.000 0.000 0.000 0 0.000 0 0.000

LI GZ1290 - M249 SAW Machine Gun MODS Army

UNCLASSIFIED

P-1 Line #32

251

													U	JNC	CLASSIF	IED												
Exhi	bit P-	3A, I	ndivi	dua	I Modif	fication	on: P	B 2013	3 Arr	ny											[Date:	Febru	uary 2012	2			
	r opria BA / Ba				t Activi	ty / B	udge	t Sub	Acti	ivity:					SAW Mac	-	Gun	MODS			(Modit	ficatio	n Nome n Title, M Machine	1odifica	ation I		
Mod Gun	els of	Sys	tems	Aff	ected:	M249	SAV	/ Macl	nine	Ту	ре Мо	dific	ation:	: Inc	reased Pe	rforma	ance	9	Re	elate	d RDT&	E PE	s:					
Instal	lation:	200rd	/Feedb	ox S	Spt Improv	vemen	t Kit			Me	thod of	Imple	menta	tion:	Installed by	Troops			Ins	tallat	tion Name	:						
										Prior	Years			FY 2	2011		FY 2	012	FY	201	3 Base		FY 201	13 OCO		FY 201	3 Tota	al
Instal	lation	Cost								Qty (Each)	Total Co		Qty (Each		Total Cost (\$ M)	Qty (Each		Total Cos	t Qty (Eacl		Total Cost		Qty Each)	Total Cost		⊋ty fach)		Cost
FY 20	17									0) (0.000		0	0.000		0	0.0	100	0	0.00	0	0	0.00	00	0	<u>_</u>	0.00
To Co	mplete									0) (0.000		0	0.000		0	0.0	000	0	0.00	0	0	0.00	00	0	<u> </u>	0.00
Total										0	(0.000		0	0.000		0	0.0	000	0	0.00	0	0	0.00	00	0		0.00
										FY	2014			FY 2	2015		FY 2	016		FY 2	017		То Со	mplete		To	tal	
Instal	lation	Cost								Qty (Each)	Total Co		Qty (Each		Total Cost (\$ M)	Qty (Each		Total Cos	t Qty (Eacl		Total Cost (\$ M)		Qty Each)	Total Cost		Qty fach)		Cost
All Pri	or Yea	rs								0) (0.000		0	0.000		0	0.0	000	0	0.00	0	0	0.00	00	0		0.00
FY 20	11									0) (0.000		0	0.000		0	0.0	000	0	0.00	0	0	0.00	00	0		0.00
FY 20	12									0) (0.000		0	0.000		0	0.0	000	0	0.00	0	0	0.00	00	0		0.00
FY 20	13									0	0	0.000		0	0.000		0	0.0	000	0	0.00	0	0	0.00	00	0		0.00
FY 20	14									0) (0.000		0	0.000		0	0.0	000	0	0.00	0	0	0.00	00	0		0.00
FY 20	15									0		0.000		0	0.000		0	0.0	000	0	0.00	0	0	0.00	00	0		0.00
FY 20										0		0.000		0	0.000		0	0.0		0	0.00		0			0		0.00
FY 20										0		0.000		0	0.000		0	0.0		0	0.00		0			0		0.00
	mplete									0		0.000		0	0.000		0	0.0		0	0.00		0	0.00		0		0.00
Total										0		0.000		0	0.000		0	0.0	000	0	0.00	0	0	0.00	00	0		0.00
Insta	lation	Sched									5 1/ 00//				E)/ 00//							10						
	4 5)/		FY 2	_	_			2012		4	FY 2013	_		4	FY 2014			FY 20			FY 20		_		2017		то	T .4
In	APY -	1	2	3	0 0	1	2	3	4	0	0 3	0	0	0	0 0	4	1	2	3 4	1	0 0	0	4	1 2 0 0	3	4	TC 0	Tot
In Out	_	0	0	-	0 0	0		0	0		0	0	0	0	0 0	0	0		0 0		0 0	0	0	0 0		0	0	
Jul		0			J 0		0		0		<u> </u>	<u> </u>	٠	٥	0 0	U		, 0	0 0	<u>' </u>	0	0	<u> </u>	<u> </u>	0			

UNCLASSIFIED Page 13 of 13

252

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GZ1300 - M240 Medium Machine Gun MODS

Vehicles / BSA 20 : Mod Of Weapons And Other Combat Veh

ID Code (A=Service Ready, B=Not Service Ready) : A		Progran	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	ents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	56.000	15.762	15.718	6.806	-	6.806	4.719	4.685	4.768	4.847	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	56.000	15.762	15.718	6.806	-	6.806	4.719	4.685	4.768	4.847	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	56.000	15.762	15.718	6.806	-	6.806	4.719	4.685	4.768	4.847	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The M240B/L Medium Machine Gun is an infantry version of the M240 Armored Machine Gun used to replace the M60 Series Machine Gun in Light Infantry, Mechanized Infantry, Armor, Rangers, Special Forces, and select Combat Engineer units. Since the initial fielding of the M240B, various system enhancements have been identified that further improves the use of this weapon system by increasing functionality and performance capabilities, while improving training capability. These include adopting a forward rail system to mount ancillary sighting/night vision equipment, an accessory ammunition pouch, a spare barrel bag to transport and store overheated barrels, and an improved Light Weight Ground Mount. Additional enhancements include improved bipod, sling, short barrel, improved barrel, combat ammo pack, improved hydraulic buffer, and collapsible buttstock. These enhancements are applicable to both the M240B and M240L. M240L reduces the weight of the existing M240B by approximately 5 pounds.

Item Scho	edule		P	rior Year	's		FY 2011			FY 2012		FY	' 2013 Ba	ise	FY	2013 O	co	FY	2013 To	otal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cos
M240 Series System Improvements - TBD	P3A		-	-	56.000	-	-	15.762	-	-	15.718	-	-	6.806	-	-	-	-	-	6.806
Total Gross/Weapon System Cost					56.000			15.762			15.718			6.806			-			6.806
				FY 2014			FY 2015			FY 2016			FY 2017		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cos
M240 Series System Improvements - TBD	P3A		-	-	4.719	-	-	4.685	-	-	4.768	-	-	4.847	-	-	-	-	-	-
Total Gross/Weapon System Cost					4.719			4.685			4.768			4.847			-			-

UNCLASSIFIED
Page 1 of 7

	UNCL	ASSIFIED		
Exhibit P-40, Budget Item Justification She	eet: PB 2013 Army		Date: February 201	2
Appropriation / Budget Activity / Budget S 2033A: Procurement of W&TCV, Army / BA 2 Vehicles / BSA 20: Mod Of Weapons And Ot	2 : Weapons and Other Combat	P-1 Line Item N o GZ1300 - M240	omenclature: Medium Machine Gun MODS	
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code E	3 Items:	Other Related Program Elements:	
*Item Nomenclature represents Item Number, DODIC, and Item N	Name for the P40A and P5; Name for the P18 and P2	23; Modification Number and	Modification Title for the P3A; Item Number and Item Name for the	e P10.
have been identified by fielded units to further improve and allow for fielding to approximately 25 Infantry Briga improved rail system and improved barrels. M240L red	the reliability and functionality of this weapon and Combat Teams (IBCT). Additionally, improduces the Soldier's combat load while allowing	system. These include in lived hydraulic buffers will li easier handling and mov	·	duction of these items provide funding for an
In accordance with Section 1815 of the FY 2008 Nation defense missions, domestic emergency responses, an	,	this item is necessary for	use by the active and reserve components of the Armed F	Forces for homeland

LI GZ1300 - M240 Medium Machine Gun MODS Army

Exhibit P-3A, Individual Modification: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 20	P-1 Line Item Nomenclature: GZ1300 - M240 Medium Machine Gun MODS	Modification Nomenclature (Modification Title, Modification Number): M240 Series System Improvements - TBD

| Models of Systems Affected: M240 Medium Machine | Type Modification: Installed by Troops | Related RDT&E PEs:

Gun

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	56.000	15.762	15.718	6.806	-	6.806	4.719	4.685	4.768	4.847	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	56.000	15.762	15.718	6.806	-	6.806	4.719	4.685	4.768	4.847	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	56.000	15.762	15.718	6.806	-	6.806	4.719	4.685	4.768	4.847	Continuing	Continuing
(The fo	ollowing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	lsewhere.)			
Initial Spares (\$ in Millions)	_	_	_	_	_	_	_	_	_	_	_	_

Description:

Gross/Weapon System Unit Cost (\$ in Thousands)

The M240B/L Medium Machine Gun is an infantry version of the M240 Armored Machine Gun used to replace the M60 Series Machine Gun in Light Infantry, Mechanized Infantry, Armor, Rangers, Special Forces, and select Combat Engineer units. Since the initial fielding of the M240B, various system enhancements have been identified that further improves the use of this weapon system by increasing functionality and performance capabilities, while improving training capability. These include adopting a forward rail system to mount ancillary sighting/night vision equipment, an accessory ammunition pouch, a spare barrel bag to transport and store overheated barrels, and an improved Light Weight Ground Mount. Additional enhancements include improved bipod, sling, short barrel, improved barrel, combat ammo pack, improved hydraulic buffer, and collapsible buttstock. These enhancements are applicable to both the M240B and M240L. M240L reduces the weight of the existing M240B by approximately 5 pounds.

Development :	Status/Major Development Milestones	
Date	Title	Description
Aug 2001	Production Contract Award(MODS)	M240B Actual
Jan 2002	First Production Hardware Delivered (MODS)	M240B Actual
Feb 2002	First Unit Equipped (MODS)	M240B Actual
Mar 2012	Production Contract Award (MODS)	M240L Planned
Oct 2012	First Production Hardware Delivered (MODS)	M240L Planned
Feb 2013	First Unit Equipped (MODS)	M240L Planned

UNCLASSIFIED
Page 3 of 7

Exhibit P-3A, Individual Modification: PB 2013 Army									Date: F	ebruary	2012		
Appropriation / Budget Activity / Budget Sub Activity 2033A / BA 2 / BSA 20			e Item No - M240 I		ture: Machine (Gun MOI	OS		(Modifi	cation Ti	omencla tle, Modifi rstem Imp	ication N	•
Models of Systems Affected: M240 Medium Machine Gun	Type Mo	difica	tion: Inst	alled by	Troops		Re	lated RD	T&E PEs	»:			
		Prior \	/ears	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	з осо	FY 201	3 Total
Financial Plan		Qty Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost
Procurement			(\$)	(2007)	(\$)	(200.1)	(0)	(2001)	(\$)	(2001)	(\$)	(2001)	(\$)
M240 Series System Improvements (1)													
B Kits													
Recurring		-											
Hardware		0	53.600	33,175	15.100	0	0.000	0	0.000	0	0.000	0	0.000
Bipods		0	0.000	0	0.000	4,700	2.600	0	0.000	0	0.000	0	0.000
Collapsible Buttstock		0	0.000	0	0.000	5,700	4.400	0	0.000	0	0.000	0	0.000
Improved Buffer		0	0.000	0	0.000	22,000	5.900	12,196	3.300	0	0.000	12,196	3.300
Improved Rails		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Improved Barrel		0	0.000	0	0.000	0	0.000	2,000	1.500	0	0.000	2,000	1.500
Engineering Support		0	1.300	0	0.300	0	1.500	0	0.900	0	0.000	0	0.900
Integrated Logistical Support		0	0.400	0	0.100	0	0.600	0	0.500	0	0.000	0	0.500
Fielding		0	0.700	0	0.262	0	0.718	0	0.606	0	0.000	0	0.606
Subtotal Recurring			56.000		15.762		15.718		6.806		0.000		6.806
Total, M240 Series System Improvements		0	56.000	33,175	15.762	32,400	15.718	14,196	6.806	0	0.000	14,196	6.806
Total, All Modifications			56.000		15.762		15.718		6.806		0.000		6.806
Procurement Cost (Procurement + Support)			56.000		15.762		15.718		6.806		0.000		6.806
Total Installation Cost			0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)			56.000		15.762		15.718		6.806		0.000		6.806
		FY 2	014	FY 2	2015	FY 2	2016	FY 2	2017	To Con	nplete	Tot	 tal
Financial Plan		Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost
Procurement	(E	Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)	(Each)	(\$ M)
M240 Series System Improvements ⁽¹⁾													
B Kits													
Recurring													

LI GZ1300 - M240 Medium Machine Gun MODS Army

UNCLASSIFIED
Page 4 of 7

Exhibit P-3A, Individual Modification: PB 2013 ArmyDate: February 2012Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20P-1 Line Item Nomenclature:
GZ1300 - M240 Medium Machine Gun MODSModification Nomenclature
(Modification Title, Modification Number):
M240 Series System Improvements -
TBD

Models of Systems Affected: M240 Medium Machine | Type Modification: Installed by Troops | Related RDT&E PEs:

Gun

- Cari												
	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	33,175	68.70
Bipods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4,700	2.60
Collapsible Buttstock	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5,700	4.40
Improved Buffer	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	34,196	9.20
Improved Rails	11,000	1.600	13,000	1.900	13,000	2.200	14,196	2.200	0	0.000	51,196	7.90
Improved Barrel	2,550	2.200	2,000	1.800	2,550	2.100	2,200	2.100	0	0.000	11,300	9.70
Engineering Support	0	0.500	0	0.400	0	0.200	0	0.300	0	0.000	0	5.40
Integrated Logistical Support	0	0.200	0	0.200	0	0.100	0	0.100	0	0.000	0	2.20
Fielding	0	0.219	0	0.385	0	0.168	0	0.147	0	0.000	0	3.20
Subtotal Recurring		4.719		4.685		4.768		4.847		0.000		113.30
Total, M240 Series System Improvements	13,550	4.719	15,000	4.685	15,550	4.768	16,396	4.847	0	0.000	140,267	113.30
Total, All Modifications		4.719		4.685		4.768		4.847		0.000		113.30
Procurement Cost (Procurement + Support)		4.719		4.685		4.768		4.847		0.000		113.30
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)		4.719		4.685		4.768		4.847		0.000		113.30

Remarks:

⁽¹⁾ The M240B/L Medium Machine Gun is an infantry version of the M240 Armored Machine Gun used to replace the M60 Series Machine Gun in Light Infantry, Mechanized Infantry, Armor, Rangers, Special Forces, and select Combat Engineer units. Since the initial fielding of the M240B, various system enhancements have been identified that further improves the use of this weapon system by increasing functionality and performance capabilities, while improving training capability. These include adopting a forward rail system to mount ancillary sighting/night vision equipment, an accessory ammunition pouch, a spare barrel bag to transport and store overheated barrels, and an improved Light Weight Ground Mount. Additional enhancements include improved bipod, sling, short barrel, improved barrel, combat ammo pack, improved hydraulic buffer, and collapsible buttstock. These enhancements are applicable to both the M240B and M240L. M240L will reduce the weight of the existing M240B by about 5lbs.

Manufacturer Informat	ion: M240 Series System In	nprovements					
Manufacturer Name: N/	4			Manufacturer Location: N	/A		
Administrative Leadtime	(in Months): 5			Production Leadtime (in I	Months): 8		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Apr 2011	Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
Delivery Dates	Nov 2011	Oct 2012	Oct 2013	Oct 2014	Oct 2015	Oct 2016	Oct 2017

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 ArmyDate: February 2012Appropriation / Budget Activity / Budget Sub Activity:P-1 Line Item Nomenclature:Modification Nomenclature2033A / BA 2 / BSA 20GZ1300 - M240 Medium Machine Gun MODS(Modification Title, Modification Number):M240 Series System Improvements - TBD

Models of Systems Affected: M240 Medium Machine | Type Modification: Installed by Troops | Related RDT&E PEs:

Gun

Installation: M240 Series System Improvements	Me	thod of Impl	ementation:	Installed by	Troops		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY:	2014	FY 2	015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GZ1300 - M240 Medium Machine Gun MODS Army

UNCLASSIFIED
Page 6 of 7

Exhibit P-3A, Individual Modification: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 20	P-1 Line Item Nomenclature: GZ1300 - M240 Medium Machine Gun MODS	Modification Nomenclature (Modification Title, Modification Number): M240 Series System Improvements - TBD
Models of Systems Affected: M240 Medium Machine Tyl	pe Modification: Installed by Troops	Related RDT&E PEs:

Method of Implementation: Installed by Troops

Installation Schedule

Installation: M240 Series System Improvements

mota	iutioii	Ocnica	uic .																												
			FY 2	2011			FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	016			FY 2	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Installation Name:

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GZ1500 - Sniper Rifles Modifications

Vehicles / BSA 20: Mod Of Weapons And Other Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : B		Progran	n Elements f	or Code B Ite	ems: 060460	1A	Oth	er Related P	rogram Elem	ents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	20.900	1.994	14.113	-	14.113	2.017	2.018	2.019	2.053	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	20.900	1.994	14.113	-	14.113	2.017	2.018	2.019	2.053	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	20.900	1.994	14.113	-	14.113	2.017	2.018	2.019	2.053	Continuing	Continuing
(The folia	owing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Gross/Weapon System Unit Cost (\$ in Thousands) **Description:**

Program to procure modification or conversions of sniper weapons, advanced sniper accessory kits (ASAK), and M151 Spotting Scope Tactical Tripod Kit (TTK) components, combat optics, sophisticated laser range finders and fire control systems. Initial buys of items to support or meet operational needs and lighten sniper load. It includes the procurement of Rifle Scope Optics, Spotting Scopes, and improved capabilities to recognize and engage targets at longer ranges and lower light levels increasing hit probability. This program also provides improved ancillary equipment such as round counters, light weight barrels, fire controls and other components. The current army fleet of sniper weapons consisting of the M110 Semi-Automatic Sniper System (SASS), M24 Sniper Weapon System (SWS) and the M107 Semi-Automatic Long Range Sniper Rifle (LRSR) require continuous upgrades to the weapon, components, and/or ancillary equipment. Ongoing planned upgrades for the M107 to the M107A1, the M110 SASS to the M110 Compact and the M24 to the XM2010 Enhanced Sniper Rifle (ESR). Sniper upgrades enhance sniper capability, effectiveness, and survivability by extending the sniper's influence through emerging technologies in perfecting ballistics with exacting hardware and precise calculations, reducing sniper team burden through decreased weight and enhanced ergonomics, portability, signature, faster more precise target reconnaissance, surveillance, and target acquisition (RSTA) and aiming with automated fire control systems, networked intelligence and mission information sharing. FY13 supports the transition of the M110 Compact Semi-Automatic Sniper System (SASS), Sniper Mirage Mitigating Device (SMMD), and the Sniper Collimator from RDT&E (0604601A) to production.

Item Sche	dule		Р	rior Year	's		FY 2011			FY 2012		FY	2013 Ba	se	FY	2013 O	О	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
SNIPER RIFLES MODIFICATIONS (GZ1500) - TBD	Р3А		-	-	-	-	-	20.900	-	-	1.994	-	-	14.113	-	-	-	-	-	14.113
Total Gross/Weapon System Cost					-			20.900			1.994			14.113			-			14.113

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GZ1500 - Sniper Rifles Modifications

Vehicles / BSA 20 : Mod Of Weapons And Other Combat Veh

ID Code (A=Service Ready	, B=Not Service Rea	dy) : E	3			Program	Element	s for Cod	e B Items	s: 060460)1A		Oth	er Related	d Progran	n Eleme	nts:			
				FY 2014			FY 2015			FY 2016			FY 2017		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
SNIPER RIFLES MODIFICATIONS (GZ1500) - TBD	РЗА		-	-	2.017	-	-	2.018	-	-	2.019	-	-	2.053	-	-	-	-	-	-
Total Gross/Weapon System Cost					2.017			2.018			2.019			2.053			-			-

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

Justification:

FY13 Base procurement dollars in the amount of \$14.133 million supports the Active Army and procurement of weapon conversions using engineering change proposal (ECP), modifications or upgrades, and new components. The conversions include the M107 to the M107A1, M110 SASS to the M110 Compact and M24 to the XM2010 Enhanced Sniper Rifle (ESR). In addition, the Sniper Mirage Mitigating Device (SMMD), Sniper Collimator, and other ancillary components and sniper kits will be procured in FY13. The modifications and upgrades provide a more full-spectrum and versatile suite of sniper rifles to sniper teams that improves ergonomics, survivability, capability, and portability without sacrificing performance, accuracy and reliability.

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.

UNCLASSIFIED
Page 2 of 12

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GZ1500 - Sniper Rifles Modifications

Modification Nomenclature
(Modification Title, Modification Number):
SNIPER RIFLES MODIFICATIONS
(GZ1500) - TBD

Models of Systems Affected: M110 SASS, M107 Type Modification: Increased Performance Related RDT&E PEs:

LRSR, M24 SWS, XM2010 ESR

· · · · · · · · · · · · · · · · · · ·												
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	20.900	1.994	14.113	-	14.113	2.017	2.018	2.019	2.053	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	20.900	1.994	14.113	-	14.113	2.017	2.018	2.019	2.053	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	20.900	1.994	14.113	-	14.113	2.017	2.018	2.019	2.053	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)		•	

(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This funds the conversions of M107 to the M107A1, M110 SASS to the M110 Compact and M24 to the XM2010 Enhanced Sniper Rifle (ESR), and other ancillary components and sniper accessory kits. The Sniper Rifle Modification program consolidates Army initiatives to procure enhancements to sniper mission and systems performance capability with greater lethality and survivability.

Development	Status/Major Development Milestones	
Date	Title	Description
Feb 2012	Urgent Material Release	XM2010 Enhanced Sniper Rifle
Jun 2012	Milestone Decision Approval (MDA)	M107E1 Sniper Rifle Modification Post Milestone B Approval
Nov 2012	Milestone C	Type Classification Standard Milestone C Release for XM2010
Aug 2014	First Unit Equipped (FUE)	First Unit Equipped (FUE) IOC M110E1
Mar 2012	Contract Award Production	Sniper Weapon Tripod Production Contract Award

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED
Page 3 of 12

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GZ1500 - Sniper Rifles Modifications

Modification Nomenclature
(Modification Title, Modification Number):
SNIPER RIFLES MODIFICATIONS
(GZ1500) - TBD

Models of Systems Affected: M110 SASS, M107 Type Modification: Increased Performance Related RDT&E PEs:

LRSR, M24 SWS, XM2010 ESR

	Prior	Years	FY	2011	FY :	2012	FY 201	3 Base	FY 20	13 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (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												
M110 Compact ⁽¹⁾												
B Kits												
Recurring												
M110 Compact	0	0.000	0	0.000	0	0.000	800	6.200	0	0.000	800	6.200
Engineering Support	0	0.000	0	0.000	0	0.000	0	0.500	0	0.000	0	0.500
Subtotal Recurring		0.000		0.000		0.000		6.700		0.000		6.70
Total, M110 Compact	0	0.000	0	0.000	0	0.000	800	6.700	0	0.000	800	6.70
M107 to M107A1 Upgrade ⁽²⁾												
B Kits												
Recurring												
M107 to M107A1 Upgrade	0	0.000	0	0.000	0	0.000	600	5.800	0	0.000	600	5.800
Engineering Support	0	0.000	0	0.000	0	0.000	0	0.800	0	0.000	0	0.800
Subtotal Recurring		0.000		0.000		0.000		6.600		0.000		6.60
Total, M107 to M107A1 Upgrade	0	0.000	0	0.000	0	0.000	600	6.600	σ	0.000	600	6.60
M24 SWS to XM2010 ESR (3)												
A Kits												
Recurring												
M24 SWS to XM2010 ESR	0	0.000	2,270	20.300	0	0.000	0	0.000	0	0.000	0	0.000
Engineering Support	0	0.000	0	0.600	0	0.100	0	0.100	0	0.000	0	0.100
Subtotal Recurring		0.000		20.900		0.100		0.100		0.000		0.10
Total, M24 SWS to XM2010 ESR	0	0.000	2,270	20.900	0	0.100	0	0.100	O	0.000	0	0.10
Sniper Upgrades and Accessories (4)												
A Kits												
Recurring												
Sniper Upgrades and Accessories	0	0.000	0	0.000	160	1.600	41	0.419	0	0.000	41	0.419

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED
Page 4 of 12

Exhibit P-3A, Individual Modification: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 20	P-1 Line Item Nomenclature: GZ1500 - Sniper Rifles Modifications	Modification Nomenclature (Modification Title, Modification Number): SNIPER RIFLES MODIFICATIONS (GZ1500) - TBD

Models of Systems Affected: M110 SASS, M107
LRSR, M24 SWS, XM2010 ESR

Type Modification: Increased Performance
Related RDT&E PEs:

Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 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)
0	0.000	0	0.000	0	0.294	0	0.294	0	0.000	0	0.294
	0.000		0.000		1.894		0.713		0.000		0.713
0	0.000	0	0.000	160	1.894	41	0.713	0	0.000	41	0.713
	0.000		20.900		1.994		14.113		0.000		14.113
	0.000		20.900		1.994		14.113		0.000		14.113
	0.000		0.000		0.000		0.000		0.000		0.000
	0.000		20.900		1.994		14.113		0.000		14.113
	Qty	(Each) (\$ M) 0 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) Total Cost (\$M) Qty (Each) 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0 0 0.000 0	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 20.900 0 0.000 20.900 0 0.000 0.000	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) 0 0.000 0 0.000 0 0 0.000 0 0.000 0 0 0.000 0 0.000 160 0 0.000 20.900 0 0.000 0 0.000 0 0.000 0	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) 0 0.000 0 0.000 0 0.294 0 0.000 0 0.000 1.894 0 0.000 0 0.000 160 1.894 0 0.000 20.900 1.994 0 0.000 20.900 1.994 0.000 0.000 0.000 0.000	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each)	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) <	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each)	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each)	Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each) Total Cost (\$M) Qty (Each) Qty (Each)

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Cor	nplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cos (\$ M)
Procurement												
M110 Compact ⁽¹⁾												
B Kits												
Recurring												
M110 Compact	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	800	6.2
Engineering Support	0	0.300	0	0.300	0	0.300	0	0.150	0	0.000	0	1.5
Subtotal Recurring		0.300		0.300		0.300		0.150		0.000		7.7
Total, M110 Compact	0	0.300	0	0.300	0	0.300	0	0.150	0	0.000	800	7.7
M107 to M107A1 Upgrade ⁽²⁾		,										
B Kits												
Recurring												
M107 to M107A1 Upgrade	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	600	5.8
Engineering Support	0	0.150	0	0.150	0	0.150	0	0.150	0	0.000	0	1.4
Subtotal Recurring		0.150		0.150		0.150		0.150		0.000		7.2
Total, M107 to M107A1 Upgrade	0	0.150	0	0.150	0	0.150	0	0.150	0	0.000	600	7.2
M24 SWS to XM2010 ESR ⁽³⁾												

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED
Page 5 of 12

Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GZ1500 - Sniper Rifles Modifications (Modification Title, Modification Number): SNIPER RIFLES MODIFICATIONS (GZ1500) - TBD

Models of Systems Affected: M110 SASS, M107 LRSR M24 SWS XM2010 FSR

Type Modification: Increased Performance

Related RDT&E PEs:

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	otal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost
A Kits												
Recurring		-										-
M24 SWS to XM2010 ESR	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,270	20.30
Engineering Support	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	1.20
Subtotal Recurring		0.100		0.100		0.100		0.100		0.000		21.50
Total, M24 SWS to XM2010 ESR	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	2,270	21.50
Sniper Upgrades and Accessories (4)												
A Kits												
Recurring												
Sniper Upgrades and Accessories	116	1.167	116	1.168	116	1.169	135	1.353	0	0.000	684	6.87
Engineering Support (ESIP)	0	0.300	0	0.300	0	0.300	0	0.300	0	0.000	0	1.78
Subtotal Recurring		1.467		1.468		1.469		1.653		0.000		8.66
Total, Sniper Upgrades and Accessories	116	1.467	116	1.468	116	1.469	135	1.653	0	0.000	684	8.66
Total, All Modifications		2.017		2.018		2.019		2.053		0.000		45.11
Procurement Cost (Procurement + Support)		2.017		2.018		2.019		2.053		0.000		45.11
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)		2.017		2.018		2.019		2.053		0.000		45.11

Remarks:

Manufacturer Information: M110 Compact	
Manufacturer Name: N/A	Manufacturer Location: N/A

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED Page 6 of 12

P-1 Line #34

265

⁽¹⁾ Reducing Soldier load, improving ergonomics, survivability, portability and decreased "felt" recoil. Addresses capability gap by engaging threat personnel with more precise small arms fire.

⁽²⁾ Modify fielded weapons from M107 Semi-Automatic Long Range Sniper Rifle (LRSR) configuration to M107A1 LRSR configuration.

⁽³⁾ Upgrade M24 Sniper Weapon System (SWS) to the XM2010 Extended Sniper Rifle (ESR).

⁽⁴⁾ Procure modifications/conversions of sniper weapons and procure accessories such as tripods, mounts, advanced sniper accessory kits (ASAK), lightweight barrels, shot counters, laser range finders and fire controls. It includes the procurement of rifle scopes, combat optics, spotting scopes, and improved capabilities to recognize and engage targets from 800 meters and greater. The ASAK includes sniper weapon related items and components for all mission sniper environments across the spectrum of warfare. New items are transitioning from PE 0604601A Infantry Support Weapons and include ASAK items such as the sniper mirage mitigating device (SMMD), sniper collimator, and M151 Spotting Scope Tactical Tripod Kit (TTK).

					CLASSII								
Exhibit P-3A, Indiv	idual Modification: F	PB 2013 Army							Da	te: Febru	ary 2012		
Appropriation / Bu 2033A / BA 2 / BSA	dget Activity / Budge 20	et Sub Activity:			Nomenclat er Rifles Mo		5		(M SN	odificatio	n Nomencl n Title, Mod FLES MODI TBD	lification	
Models of Systems LRSR, M24 SWS, X	Affected: M110 SAS	SS, M107 Ty	pe Modific	ation: In	creased Pe	erformance	9	Relate	ed RDT&E	PEs:			
Manufacturer Information	on: M110 Compact	l						ı					
Administrative Leadtime	(in Months): 5				Produ	ction Leadtir	ne (in Months): 5					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015	5	FY 20	16	FY 2	017
Contract Dates				Mar 2013									
Delivery Dates				Jul 2013									
Manufacturer Information	on: M107 to M107A1 Upgi	rade	·		·		·		·				
Manufacturer Name: N/A					Manuf	acturer Loca	ation: N/A						
Administrative Leadtime	(in Months): 5				Produ	ction Leadtir	ne (in Months): 5					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015	5	FY 20	16	FY 2	017
Contract Dates				Mar 2013									
Delivery Dates				Jul 2013									
Manufacturer Information	on: M24 SWS to XM2010 I	ESR	·		·		·		·		·		
Manufacturer Name: Ren	nington				Manuf	acturer Loca	tion: Madison	ı, NC					
Administrative Leadtime	(in Months): 6				Produ	ction Leadtir	ne (in Months): 4					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015	5	FY 20	16	FY 2	017
Contract Dates	Apr 2012												
Delivery Dates	Jul 2012												
Manufacturer Information	on: Sniper Upgrades and	Accessories			'				'		'		
Manufacturer Name: N/A					Manuf	acturer Loca	ation: N/A						
Administrative Leadtime	(in Months): 5				Produ	ction Leadtir	ne (in Months): 4					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2018	5	FY 20	16	FY 2	017
Contract Dates		Mar 2012		Mar 2013		Mar 2014		Mar 201	5	Mar 20)16	Mar 2	2017
Delivery Dates			Jun 2013		Jun 2014		Jun 201	5	Jun 20	116	Jun 2	2017	
Installation: M110 Comp	pact	Me	thod of Imple	ementation	: Installed by	Contractor		Installa	tion Name:				
		Prior	Years	FY	2011	FY 2	2012	FY 201	3 Base	FY 201	13 OCO	FY 201	3 Total
Installation Cost		Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years			0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED
Page 7 of 12

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GZ1500 - Sniper Rifles Modifications

Modification Nomenclature
(Modification Title, Modification Number):
SNIPER RIFLES MODIFICATIONS
(GZ1500) - TBD

Models of Systems Affected: M110 SASS, M107 Type Modification: Increased Performance Related RDT&E PEs:

0

0.000

LRSR, M24 SWS, XM2010 ESR

Total

Installation: M110 Compact	Ме	thod of Impl	ementation:	Installed by	Contractor		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	300	0.000	0	0.000	300	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

0.000

0

0.000

300

0.000

0

0.000

300

0.000

0

	FY 2	014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	500	0.000	0	0.000	0	0.000	0	0.000	0	0.000	800	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	500	0.000	0	0.000	0	0.000	0	0.000	0	0.000	800	0.000

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED
Page 8 of 12

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:

GZ1500 - Sniper Rifles Modifications

(Modification Title, Modification Number):

SNIPER RIFLES MODIFICATIONS

(GZ1500) - TBD

Models of Systems Affected: M110 SASS, M107 Type Modification: Increased Performance Re

Related RDT&E PEs:

LRSR, M24 SWS, XM2010 ESR

Installation: M110 Compact
Installation Schedule

FY 2011
FY 2012
FY 2013
FY 2014
FY 2015
FY 2016

			F	Y 20)11			FY	2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	2017			
	APY	1	2		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	тс	Tot
In	-	0		0	0	0	0	0	0	0	0	0	300	300	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800
Out	-	0		0	0	0	0	0	0	0	0	0	0	300	300	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800

Installation: M107 to M107A1 Upgrade	Me	thod of Impl	ementation	: Installed by	Contractor		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	200	0.000	0	0.000	200	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	200	0.000	0	0.000	200	0.000

	FY 2	014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	400	0.000	0	0.000	0	0.000	0	0.000	0	0.000	600	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED
Page 9 of 12

			ONOLAGOII	ILD					
Exhibit P-3A, Individual Modification: PB 2013	Army					Date: Februa	ary 2012		
Appropriation / Budget Activity / Budget Sub A 2033A / BA 2 / BSA 20	ctivity:		ine Item Nomencla 00 - Sniper Rifles Mo			Modification (Modification SNIPER RIF (GZ1500) - 1	n Title, Mo LES MOD	dification	•
Models of Systems Affected: M110 SASS, M10 LRSR, M24 SWS, XM2010 ESR	7	Type Modifi	cation: Increased Pe	erformance	Related RDT	&E PEs:			
Installation: M107 to M107A1 Upgrade	N	Method of Imp	lementation: Installed by	Contractor	Installation Nam	ie:			
	FY 201			FY 2016	FY 2017	To Con	nplete	Otv	Total Cost

instantion: who to who At opprace	IVIC	tilou oi iilipi	cincination	i. Ilistalica by	Contractor		motana	tion Hame.				
	FY 2	2014	FY	2015	FY 2	2016	FY 2	2017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2015	0	0.000	(0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	(0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	(0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	(0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	400	0.000	(0.000	0	0.000	0	0.000	0	0.000	600	0.000

Installation Schedule

		0000	u.o																												
		FY 2011 FY 2012								FY 2	013			FY 2	014			FY 2	2015			FY 2	016			FY 2	2017				
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	0	0	0	0	0	0	0	0	0	200	200	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600
Out	-	0	0	0	0	0	0	0	0	0	0	0	200	200	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600

Installation: M24 SWS to XM2010 ESR	Met	thod of Impl	ementation:	Installed by	Contractor		Installa	tion Name:				
	Prior	Years	FY 2	011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	300	0.000	890	0.000	0	0.000	890	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	300	0.000	890	0.000	0	0.000	890	0.000

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED
Page 10 of 12

Exhibit P-3A, Individual Modification: PB 2013 ArmyAppropriation / Budget Activity / Budget Sub Activity:P-1 Line Item Nomenclature:Modification Nomenclature2033A / BA 2 / BSA 20GZ1500 - Sniper Rifles Modifications(Modification Title, Modification Number):
SNIPER RIFLES MODIFICATIONS
(GZ1500) - TBD

Models of Systems Affected: M110 SASS, M107 LRSR, M24 SWS, XM2010 ESR

Type Modification: Increased Performance

Related RDT&E PEs:

Installation: M24 SWS to XM2010 ESR	Me	thod of Impl	ementation:	Installed by	Contractor		Installa	tion Name:				
	FY:	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Cor	mplete	То	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	1,080	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,270	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	1,080	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,270	0.000

Installation Schedule

		FY 2011						FY 2	012		,	FY 2	2013			FY 2	014		,	FY	2015			FY 2	2016			FY 2	017			
	APY	1	2		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	(וכ	0	0	0	0	300	170	240	240	240	240	240	300	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,270
Out	-	0	(וכ	0	0	0	0	0	300	170	240	240	240	240	240	300	300	0	0	0	0	0	0	0	0	0	0	0	0	0	2,270

Installation: Sniper Upgrades and Accessories	Me	thod of Impl	ementation:	Installed by	Soldiers		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	(0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED
Page 11 of 12

P-1 Line #34

270

																• • • • • • • • • • • • • • • • • • • •		.															
Exhi	bit P-	3A, I	ndivi	du	ıal M	odif	icatio	on: P	В	2013	3 Arn	าy														Date	: Feb	ruary	2012				
Appi 2033						ctivit	y / B	Budge	et S	Sub	Acti	vity:		P-1 L GZ15						ations	S					(Moa SNIF	lificati	ion T RIFLE	lomen itle, Mo S MOI D	odifica	ition N		er):
Mod LRSI) SAS	SS,	M1	07	T	ype	Modifi	catio	n: Inc	rease	ed Pe	erform	nance	e		Re	elate	d RDT8	kE PI	Es:						
Installation: Sniper Upgrades and Accessories Metho											etho	d of Imp	emen	tation:	Install	led by	Soldie	rs			Ins	tallati	ion Name) :									
P									Prio	r Yea	rs		FY 2	2011			FY 2	2012		FY	2013	Base		FY 2	013 C	СО	F	Y 2013	Tota	ıl			
Instal	ation	Cost										Qty (Each)	To	otal Cost		ity ach)	Total (\$ /		Qt (Eac		Total C		Qty (Each	1)	Total Cost		Qty (Each)	Te	otal Cost (\$ M)		ty nch)	Total (\$ /	
FY 2016												0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00	
FY 2017											0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00		
To Complete										0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00			
Total										0	0.000		0		0.000		0		0.000		0	0.00	00		0	0.000		0		0.00			
												FY	2014	1		FY 2	2015			FY 2	2016			FY 20	017		To C	ompl	ete		Tota	al	
Instal	ation	Cost										Qty (Each)	To	otal Cost		ity ach)	Total		Qt (Eac	у	Total C		Qty (Each	7)	Total Cost		Qty (Each)	·	otal Cost	Q (Ea	ty nch)	Total	Cost
All Pri	or Yea	'S											0	0.000	,	0	()	0.000		0		0.000	,	0	0.0	_	(/	0	0.000	<u> </u>	0		0.00
FY 20	11												0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00
FY 20	12												0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00
FY 20	13												0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00
FY 20	14												0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00
FY 20	15												0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00
FY 20	16												0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00
FY 20	17												0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00
To Complete									0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00				
Total											0	0.000		0		0.000		0		0.000		0	0.0	00		0	0.000		0		0.00		
Instal	ation	Sched																											_				
			FY	_				FY 2	_					2013			FY 2				FY 2		_		FY 20				FY 20				
	APY	1	2	+	3	4	1	2	-	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3		TC	Tot
In	-	0	0	+	0	0	0	-	-	0	0	0	(0	0	0	0	0		_	0		_	0 0	0	0	0		0	0	0	
Out	-	0	0		0	0	0	0		0	0	0	(0 0	0	0	0	0	0	(0	0	0 0		0 0	0	0	0	0	0	0	0	

LI GZ1500 - Sniper Rifles Modifications Army

UNCLASSIFIED
Page 12 of 12

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GC0401 - M119 Modifications

Vehicles / BSA 20 : Mod Of Weapons And Other Combat Veh

ID Code (A=Service Ready, B=Not Service Ready) : A		Progra	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	nents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	47.394	61.086	38.701	20.727	-	20.727	18.707	67.409	65.906	-	0.000	319.930
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	47.394	61.086	38.701	20.727	-	20.727	18.707	67.409	65.906	-	0.000	319.930
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	47.394	61.086	38.701	20.727	-	20.727	18.707	67.409	65.906	-	0.000	319.930
(The folio	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)		-	
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	_	-	-	-	-	-	-	-	-	-	-

Description:

Gross/Weapon System Unit Cost (\$ in Thousands)

The M119A2 Towed Howitzer provides direct fire support for the Infantry Brigade Combat Teams. Funding in the M119 Modifications budget supports the application of modernization system enhancements and includes the integration of digital fire control components previously type classified on other weapons. The Digital Fire Control System includes an Inertial Navigation Unit (INU), Fire Control Computer, Gunner's Display, Power Supply, and the associated cables and brackets to mount the system on the M119A2 Howitzer. The digitized M119A2E1 Howitzer will be able to fire any future-developed precision fuzes, which will enhance the accuracy of conventional 105mm ammunition.

Second	dary Distrib	oution	1	FY 2011		FY 2012	2	FY 201 Base		FY 201 OCO		FY 20 ⁻ Tota	-	FY 20)14	FY 20)15	FY 2	016	FY 2	2017
Army Active	Quantity				-		-		-		-		-		-		-		-		-
	Total Obligati	tion Authority		49	.170	2	4.755		12.436		-		12.436		11.224		40.445		56.679		-
Army National	Quantity				-		-		-		-		-		-		-		-		-
Guard	Total Obligati	tion Authority		11	.916	1	3.946		8.291		-		8.291		7.483		26.964		9.227		-
It	em Schedul	е		Р	rior Year	's		FY 2011			FY 2012		F`	Y 2013 Ba	ase	FY	2013 O	co	FY	2013 To	otal
Item Nomeno	clature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M119 Modification	ns P3/	A		-	-	47.394	-	-	61.086	-	-	38.701	-	-	20.727	-	-	-	-	-	20.727
Total Gross/Wea System Cost	pon					47.394			61.086			38.701			20.727			-			20.727

UNCLASSIFIED

P-1 Line #35

272

LI GC0401 - M119 Modifications Army

Exhibit P-40, Bud	dget Item Ju	stifi	cation	Sheet:	PB 201	3 Army									Date	: Febr	uary 201	2		
Appropriation / E 2033A : Procurem Vehicles / BSA 20	Budget Active	vity /	/ Budge Army / E	e t Sub / BA 2 : V	Activity : Veapons	: and Ot	her Co	mbat		_	Item No - M119									
ID Code (A=Service Read	y, B=Not Service Rea	idy) : <i>F</i>	١			Program	Element	ts for Cod	e B Items	s:			Oth	er Relate	d Progran	n Eleme	nts:			
				FY 2014	L .		FY 2015	5		FY 2016	5		FY 201	7	To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Co
M119 Modifications	P3A		-	-	18.707	-	-	67.409	-	-	65.906	-	-	-	-	-	0.000	-	-	319.93
Total Gross/Weapon System Cost					18.707			67.409			65.906			-			0.000			319.93
*Item Nomenclature repre	sents Item Numbe	er, DC	DIC, and I	tem Name	for the P40	A and P5;	Name for	the P18 and	D P23; Mod	ification N	umber and	Modificatio	n Title for	the P3A; Ite	m Number	and Item	Name for th	e P10.		
Justification: FY13 Base procured through the ability to IAW Section 1815 of military support to ci	make tactical n	nove	s and acq	uire targe	ets at a sig	nificantly	higher ra	ite than ar	optical fi	re contro	equipped	weapon.	This m	odification	will be ap	plied to the	ne fleet of	603 M119	A2 How	tzers.

UNCLASSIFIED Page 2 of 10

LI GC0401 - M119 Modifications Army

273

				UNCLA								
Exhibit P-3A, Individual Modification: Pl	B 2013 Arn	ny							Date: Feb	ruary 2012	2	
Appropriation / Budget Activity / Budge 2033A / BA 2 / BSA 20	t Sub Acti	vity:		tem Nome M119 Mod					Modificat (Modificat M119 Mod	ion Title, N	Modification N	Number) :
Models of Systems Affected: M119A2 H	owitzer	Type N	/lodification	on: -			Re	lated RDT	&E PEs:			
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	47.394	61.086	38.701	20.727	-	20.727	18.707	67.409	65.906	-	0.000	319.930
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	47.394	61.086	38.701	20.727	-	20.727	18.707	67.409	65.906	-	0.000	319.930
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	47.394	61.086	38.701	20.727	-	20.727	18.707	67.409	65.906	-	0.000	319.930
(The follow	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Description: Modifications to M119A2 Howitzer. Recoil Capability Package in for a new recoil system	m which will c	unhanca tha s	urvivability of	tho M110 T	no rocoil syste	om upgrado v	vill consist of t	ho rocail buff	or recuperate	or and suspo	uncion modificat	ion

Recoil Capability Package is for a new recoil system which will enhance the survivability of the M119. The recoil system upgrade will consist of the recoil buffer, recuperator, and suspension modification. The digital fire control modification includes an Inertial Navigation Unit (INU), Gunner Display, Chief of Section Display, power supply, and the associated cable and brackets to mount it on the M119A2 Howitzer. The Digitization modification increases weapon responsiveness/lethality and survivability.

UNCLASSIFIED

LI GC0401 - M119 Modifications Army

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GC0401 - M119 Modifications

Modification Nomenclature
(Modification Title, Modification Number):
M119 Modifications - -

Models of Systems Affected: M119A2 Howitzer	Type Modifica	ation: -				Rel	lated RI	OT&E PE	S :			
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	I3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost	Qty (Each)	Total Cos
Procurement			,					1		,		,
M119 Modifications ⁽¹⁾		-										
A Kits												-
Recurring												
M119 Modifications	480	0.000	85	21.246	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		0.000		21.246		0.000		0.000		0.000		0.00
Total, M119 Modifications	480	0.000	85	21.246	0	0.000	0	0.000	0	0.000	0	0.00
Recoil Capability Package ⁽²⁾												,
A Kits												-
Recurring												
Recoil System Upgrade	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		0.00
Total, Recoil Capability Package	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Digitization ⁽³⁾												
A Kits												
Recurring												
Integration Prod/Init Spares	50	41.494	150	37.000	150	35.900	43	12.365	0	0.000	43	12.36
Logistics & Fielding	0	2.400	0	1.240	0	1.200	0	1.300	0	0.000	0	1.30
Program Management	0	3.500	0	1.600	0	1.601	0	1.602	0	0.000	0	1.60
System Engineering	0	0.000	0	0.000	0	0.000	0	3.360	0	0.000	0	3.36
Engineering Change Orders (ECO)	0	0.000	0	0.000	0	0.000	0	2.100	0	0.000	0	2.10
Subtotal Recurring		47.394		39.840		38.701		20.727		0.000		20.72
Total, Digitization	50	47.394	150	39.840	150	38.701	43	20.727	0	0.000	43	20.72
Total, All Modifications		47.394		61.086		38.701		20.727		0.000		20.72
Procurement Cost (Procurement + Support)		47.394		61.086		38.701		20.727		0.000		20.72
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)		47.394		61.086		38.701		20.727		0.000		20.72

LI GC0401 - M119 Modifications Army

UNCLASSIFIED
Page 4 of 10

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GC0401 - M119 Modifications

(Modification Title, Modification Number):

033A / BA 2 / BSA 20 GC0401 - M119 Modifications (Modification Title, Modifications - -

Models of Systems Affected: M119A2 Howitzer	Type Modifica	ation: -				Re	lated RI	OT&E PE	s:			
	FY 2	2014	FY 2	2015	FY 2	2016	FY:	2017	To Co	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost
Procurement										<u> </u>		
M119 Modifications ⁽¹⁾												
A Kits												
Recurring												
M119 Modifications	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	565	21.24
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		21.24
Total, M119 Modifications	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	565	21.24
Recoil Capability Package ⁽²⁾				1								ı
A Kits												
Recurring												
Recoil System Upgrade	0	0.000	0	31.358	0	22.653	0	0.000	0	0.000	0	54.01
Subtotal Recurring		0.000		31.358		22.653		0.000		0.000		54.01
Total, Recoil Capability Package	0	0.000	0	31.358	0	22.653	0	0.000	0	0.000	0	54.01
Digitization ⁽³⁾												,
A Kits												
Recurring												
Integration Prod/Init Spares	38	10.323	81	21.774	91	27.306	0	0.000	0	0.000	603	186.16
Logistics & Fielding	0	1.300	0	5.377	0	6.947	0	0.000	0	0.000	0	19.76
Program Management	0	1.603	0	1.604	0	1.605	0	0.000	0	0.000	0	13.11
System Engineering	0	3.381	0	4.496	0	5.095	0	0.000	0	0.000	0	16.33
Engineering Change Orders (ECO)	0	2.100	0	2.800	0	2.300	0	0.000	0	0.000	0	9.30
Subtotal Recurring		18.707		36.051		43.253		0.000		0.000		244.67
Total, Digitization	38	18.707	81	36.051	91	43.253	0	0.000	0	0.000	603	244.67
Total, All Modifications		18.707		67.409		65.906		0.000		0.000		319.93
Procurement Cost (Procurement + Support)		18.707		67.409		65.906		0.000		0.000		319.93
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)		18.707		67.409		65.906		0.000		0.000		319.93

LI GC0401 - M119 Modifications Army

UNCLASSIFIED
Page 5 of 10

			ONOL	AGGII ILD			
Exhibit P-3A, Indiv	idual Modification: P	B 2013 Army				Date: February 201	2
Appropriation / Bu 2033A / BA 2 / BSA	dget Activity / Budge 20	et Sub Activity:	P-1 Line Item No GC0401 - M119 N			Modification Nome (Modification Title, I M119 Modifications	Modification Number):
Models of Systems	Affected: M119A2 H	lowitzer Type	Modification: -		Related R	DT&E PEs:	
Remarks:					I .		
(1)This modification inc	cludes enhanced M187A1 fir	re control mounts, new p	anoramic telescope moun	ting bracket and other items	required to conduct conti	nuous high elevation, high zo	one operation.
⁽²⁾ Recoil Capability Pa	ckage is for a new recoil sys	stem which will enhance	the survivability of the M1	19. The recoil system upgra	ide will consist of the reco	oil buffer, recuperator, and su	spension modification.
Manufacturer and Con	tract award dates for Recoil	Capability Package will	vary based on each comp	onent.			
			•		of Section Display, power	r supply, and the associated	cable and brackets to
mount it on the M119A	2 Howitzer. The Digitization	n modification increases	weapon responsiveness/le	ethality and survivability.	1 3/1		
Procurement of the Did	aital Fire Control System is o	contracted seperately for	each maior component, v	vith various contract award d	ates. Application will occ	cur in Battalion sets of 17 eac	h over a two-month period.
Manufacturer Informati		,	,		, p		
Manufacturer Name: Seil	ler Instrument & Manufactur	ing Company, Inc.		Manufacturer Location:	St. Louis, MO		
Administrative Leadtime	(in Months): 7			Production Leadtime (in	Months): 3		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jun 2010						
Delivery Dates	Oct 2011						
Manufacturer Informati	on: Recoil Capability Pack	rage					
Manufacturer Name: -				Manufacturer Location:	-		
Administrative Leadtime	(in Months):			Production Leadtime (in	Months):		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Information	on: Digitization						
Manufacturer Name: Var	ious			Manufacturer Location:	Various		
Administrative Leadtime	<u>, , , , , , , , , , , , , , , , , , , </u>	1		Production Leadtime (in			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

LI GC0401 - M119 Modifications Army

Date: February 2012 Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GC0401 - M119 Modifications (Modification Title, Modification Number):

M119 Modifications - -

Related RDT&E PEs: Models of Systems Affected: M119A2 Howitzer Type Modification: -

Installation: M119 Modifications	Me	thod of Impl	ementation:	-			Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	13 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	480	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	85	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	480	0.000	85	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	480	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	85	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	565	0.000

UNCLASSIFIED Page 7 of 10

														UN	CLA	SSIF	IED														
Exh	ibit P	3A, I	ndivi	dual	Modi	fication	on: P	B 201	3 Arr	ny														Date	: Fel	oruary	2012	2			
	oropria 3A / B				Activi	ty / B	udge	t Sub	Acti	vity:					Nome 9 Mod									(Mod	difica	tion T	Nome itle, Notions	1odific		n Num	nber) :
Mod	dels o	f Sys	tems	Affec	cted:	M119	9A2 H	owitz	er	T	ype I	Modifi	icatio	on: -							Re	lated	RDI	&E P	Es:						
Insta	llation:	M119	Modifi	cations	;					М	ethod	of Imp	lemer	ntation	1: -						Ins	tallatio	on Nar	ne:							
Insta	llation	Sched	ule																												
			FY:	2011			FY 2	2012			FY 2	2013			FY 2	2014			FY	2015			FY	2016			FY	2017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	тс	Tot
In	480	45	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	C	0	0) C	0	О	0	0	0	C	0 0	56
Out	480	45	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	(0	C) (0	0	0	0	0	C	0 0	565
Insta	llation:	Recoi	l Capa	bility Pa	ackage					М	ethod	of Imp	lemer	ntation	1: -						Ins	tallatio	on Nar	ne:							
										Prio	r Year	's		FY	2011			FY 2	2012		FY	2013	Base		FY	2013 O	СО		FY 20	013 Tot	tal
	llation									Qty (Each)	(tal Cost	(E	Qty ach)	(\$		Qty (Eac		Total C	1)	Qty (Each)	Total Co		Qty (Each)		otal Cost (\$ M)	(Qty (Each)		(\$ M)
	llation									Qty (Each)	Tot	tal Cost	(E	Qty	Total			у	Total C		Qty		Total Co	est	Qty		otal Cost	(Qty	Tota	al Cost

instantation. Recon capability rackage	1110	tilou oi iiipi	Ciliciliation	•			motuna	don Hanne.				
	Prior	Years	FY	2011	FY	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-
FY 2017	-	-	-	-	-	-	-	-	-	-	-	-
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	otal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	-	-	-	-	-	-	-	-	-	-	-	-
FY 2012	-	-	-	-	-	-	-	-	-	-	-	-
FY 2013	-	-	-	-	-	-	-	-	-	-	-	-
FY 2014	-	-	-	-	-	-	-	-	-	-	-	-
FY 2015	-	-	-	-	-	-	-	-	-	-	-	-
FY 2016	-	-	-	-	-	-	-	-	-	-	-	-

LI GC0401 - M119 Modifications Army UNCLASSIFIED
Page 8 of 10

P-1 Line #35

Exhib	it P-	3A, I	ndivid	lual N	/lodif	icatio	n: Pl	3 201	3 Arn	ny														Dat	te: Feb	ruary	2012				
Appro 2033 <i>A</i>					ctivi	ty / B	udge	t Sub	Acti	vity:		P-1 Li GC04												(Mo	dificati odificati 19 Mod	on Tit	tle, Mo	odificat		Num	nber):
Mode	ls of	Sys	tems A	Affec	ted:	M119	A2 H	owitze	er	Ty	ype N	lodific	atio	n: -							Rela	ated	RDT	&E	PEs:						
Installa	tion:	Recoi	Canah	ility Ps	rkane					М	ethod	of Impl	aman	tation							Ineta	llatio	n Nam	ω.							
- Instant		110001	Оирив	iiity i c	lokugo				1		2014	<u> </u>			2015			FY 2	016			Y 201			To C	omple	te	$\overline{}$	Tc	otal	
Installa	tion	Cost								Qty (Each)	Tota	al Cost		ity ach)	Total (Qty (Eac	,	Total C		Qty (Each)		Total Cos	st	Qty (Each)	Tot	al Cost	Qty (Eac	y	Tot	al Cost
FY 201									<u> </u>	-	(0	-	(20	-	(\$7	-	(200	-	(\$ 101	-	(2007)		(\$107)	-	-	,	-	(200	-	,	-
To Con	plete									-		-		-		-		-		-				-	-				-		-
Total											0	0.000		0		0.000		0		0.000		0	0.0	000		0	0.000		0		0.000
Installa	tion	Sched	ule														-			·											
			FY 2	011			FY 2	2012			FY 2	013			FY 2	014			FY 2	2015			FY 2	2016			FY 20	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C		C		0	0		0 0	0	0	0	0	C	
Out	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	C	0	0	0		0 0	0	0	0	0	C) (
Installa	tion:	Diaitiz	ation							М	ethod	of Impl	emen	tation	: -						Insta	llatio	n Nam	e:							
		g									r Years				2011			FY 2	2012			013 E			FY 2	013 OC		F'	Y 201	13 To	tal
Installa	 .	2004								Qty	Tota	al Cost		ity	Total (Qty	,	Total C		Qty		Total Cos	st	Qty	Tot	al Cost	Qty	y .	Tot	al Cost
All Prior										(Each)	0 (\$	0.000	(Ea	ach) 0	(\$ N	0.000	(Eac	h) 17	(\$ M	0.000	(Each)	33	(\$ M)	000	(Each)	0	(\$ <i>M</i>) 0.000	(Eac	:h) 33	_	\$ M) 0.000
FY 201		5									0	0.000		0		0.000		.,		0.000		03		000		0	0.000		103		0.000
FY 201											0	0.000		0		0.000		0		0.000		0		000		0	0.000	-	0	-	0.000
FY 201											0	0.000		0		0.000		0	-	0.000		0	0.0	000		0	0.000	+	0		0.000
FY 201											0	0.000		0		0.000		0		0.000		0	0.0	000		0	0.000	+	0		0.000
FY 201	5										0	0.000		0		0.000		0		0.000		0	0.0	000		0	0.000		0		0.000
FY 201	6										0	0.000		0		0.000		0	-	0.000		0	0.0	000		0	0.000		0		0.000
FY 201	7										0	0.000		0		0.000		0		0.000		0	0.0	000		0	0.000		0		0.000
To Con	plete									-		-		-		-		-		-				-	-		-		-		-
Total											0	0.000		0		0.000		17	(0.000	1	36	0.0	000		0	0.000		136		0.000
										EV	2014			EV 1	2015			FY 2	0046			Y 201	7		To C	· ammla				otal	
l4-11-	4	04								Qty	Tota	al Cost		ity	Total (Qty	,	Total C		Qty		Total Cos	st	Qty		al Cost	Qty	y	Tot	al Cost
Installa									+ '	(Each)) (\$ 0	0.000	(Ea	ach) 0	(\$ N	0.000	(Eac	h) 0	(\$ M	0.000	(Each)	0	(\$ M)	000	(Each)	0	(\$ M) 0.000	(Eac	<i>h)</i> 50	-	\$ M) 0.000
All Prior		5								4	-	0.000		0		0.000		0		0.000		0		000		0	0.000		150		0.000
1 1 201										•																-					

LI GC0401 - M119 Modifications Army

UNCLASSIFIED
Page 9 of 10

P-1 Line #35

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GC0401 - M119 Modifications

Modification Nomenclature
(Modification Title, Modification Number):
M119 Modifications - -

Models of Systems Affected: M119A2 Howitzer Type Modification: - Related RDT&E PEs:

Installation: Digitization	Me	thod of Impl	ementation:	-			Installa	tion Name:				
	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	То Со	mplete	Tot	al
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2012	150	0.000	0	0.000	0	0.000	0	0.000	0	0.000	150	0.000
FY 2013	7	0.000	36	0.000	0	0.000	0	0.000	0	0.000	43	0.000
FY 2014	0	0.000	21	0.000	17	0.000	0	0.000	0	0.000	38	0.000
FY 2015	0	0.000	10	0.000	64	0.000	7	0.000	0	0.000	81	0.000
FY 2016	0	0.000	0	0.000	0	0.000	91	0.000	0	0.000	91	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	204	0.000	67	0.000	81	0.000	98	0.000	0	0.000	603	0.000

Installation Schedule

			FY	2011			FY 2	012			FY 2	013			FY 2	014			FY 2	015			FY 2	016			FY 2	017			
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	50	37	37	38	38	37	37	38	38	10	11	11	11	9	9	10	10	20	20	20	21	22	23	23	23	0	0	0	0	0	603
Out	-	0	0	(0	0	0	7	10	34	34	34	34	51	51	51	51	16	17	17	17	20	20	20	21	24	24	25	25	0	603

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GZ2800 - M16 Rifle Mods

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

ID Code (A=Service Ready, B=Not Service Ready) : B		Prograr	n Elements f	or Code B Ite	ms: 060460°	1A	Oth	er Related P	rogram Elem	ents:		
	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	14.200	3.832	3.476	3.306	15.422	18.728	3.287	3.283	3.338	3.394	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	14.200	3.832	3.476	3.306	15.422	18.728	3.287	3.283	3.338	3.394	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	14.200	3.832	3.476	3.306	15.422	18.728	3.287	3.283	3.338	3.394	Continuing	Continuing
(The follow	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Flyaway Unit Cost (\$ in Thousands)

Gross/Weapon System Unit Cost (\$ in Thousands)

The M16 Rifle Modifications Program provides combat optics, Close Quarters Battle (CQB) Kit, collapsible buttstock, and a Modular Weapon System (MWS) suite for the M16A2 and the M16A4 Rifles. The MWS includes a rail system, a flashlight mount, a quick attach bracket kit for the M203 Grenade Launcher, and back-up iron sight for the M16A4 Rifle. Based on mission requirements the MWS allows the custom configuration of M16 Rifles with accessories and smaller items, i.e., optics, night sights, and laser pointers.

Item Sch	edule		P	rior Yea	rs		FY 2011			FY 2012		FY	′ 2013 Ba	ase	F۱	2013 O	CO	FY	2013 To	tal
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M16 RIFLE MODS - TBD	P3A		-	-	14.200	-	-	3.832	-	-	3.476	-	-	3.306	-	-	15.422	-	-	18.728
Total Gross/Weapon System Cost					14.200			3.832			3.476			3.306			15.422			18.728
	·			FY 2014			FY 2015	;		FY 2016			FY 2017	,	To	Comple	ete		Total	
Item Nomenclature*	Exhibits	ID	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
M16 RIFLE MODS - TBD	P3A		-	-	3.287	-	-	3.283	-	-	3.338	-	-	3.394	-	-	-	-	-	-
Total Gross/Weapon					3.287			3.283			3.338			3.394			-			-

*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P48 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

System Cost

 LI GZ2800 - M16 Rifle Mods
 UNCLASSIFIED

 Army
 Page 1 of 10
 P-1 Line #36

	UNCL	ASSIFIED	
Exhibit P-40, Budget Item Justification Sheet: F	PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub A 2033A: Procurement of W&TCV, Army / BA 2: W Vehicles / BSA 20: Mod Of Weapons And Other C	eapons and Other Combat	P-1 Line Item Non GZ2800 - M16 Rifl	
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B	Items: 0604601A	Other Related Program Elements:
optics enhance the capability to identify and engage targets for the Soldier to transition rapidly between long-range engage	from 300 to 600m for long-range first rour gements and close quarters engagement The collapsible buttstock provides combat	nd hit. This system does no s. The Close Quarters Bat and training units a shorte	tics, Close Quarters Battle Kits, and collapsible buttstocks. The improved combat of degrade the Soldier's ability to conduct reflexive fire techniques and allows the Kit provides the Soldier with multiple low cost items to increase lethality and er rifle for close quarter battle and vehicle egress; better eye relief and access to
FY 2013 OCO procurement dollars in the amount of \$15.422 cleaning kit provides multiple components to enhance the Sc			g kits, which is an item of the Close Quarters Battle (CQB) Kit. The improved ity, durability and weapon safety.
In accordance with Section 1815 of the FY 2008 National De defense missions, domestic emergency responses, and province of the FY 2008 National Description of the FY 2008 Nat		is item is necessary for use	e by the active and reserve components of the Armed Forces for homeland

UNCLASSIFIED LI GZ2800 - M16 Rifle Mods 283 Page 2 of 10 P-1 Line #36 Army

				• · · · • — · ·								
Exhibit P-3A, Individual Modification: Pl	B 2013 Arn	ny							Date: Feb	ruary 2012	2	
Appropriation / Budget Activity / Budge 2033A / BA 2 / BSA 20	t Sub Acti	vity:		tem Nome M16 Rifle I					(Modificat	ion Nome ion Title, M E MODS -	lodification	Number):
Models of Systems Affected: M16 RIFLE	Ē	Type I	Modificatio	n: Increas	ed Perform	nance	Re	lated RDT	&E PEs:			
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	14.200	3.832	3.476	3.306	15.422	18.728	3.287	3.283	3.338	3.394	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	14.200	3.832	3.476	3.306	15.422	18.728	3.287	3.283	3.338	3.394	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	14.200	3.832	3.476	3.306	15.422	18.728	3.287	3.283	3.338	3.394	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented e	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Description: The M16 Rifle Modifications Program provides com	nbat optics, C	lose Quarters	Battle (CQB)) Kit, collapsib	ele buttstock,	and a Modula	r Weapon Sy	stem (MWS)	suite for the M	116A2 and the	e M16A4 Rifle	s. The

The M16 Rifle Modifications Program provides combat optics, Close Quarters Battle (CQB) Kit, collapsible buttstock, and a Modular Weapon System (MWS) suite for the M16A2 and the M16A4 Rifles. The MWS includes a rail system, a flashlight mount, a quick attach bracket kit for the M203 Grenade Launcher, and back-up iron sight for the M16A4 Rifle. Based on mission requirements the MWS allows the custom configuration of M16 Rifles with accessories and smaller items, i.e., optics, night sights, and laser pointers.

LI GZ2800 - M16 Rifle Mods Army

UNCLASSIFIED
Page 3 of 10

P-1 Line #36

Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature**

2033A / BA 2 / BSA 20 GZ2800 - M16 Rifle Mods (Modification Title, Modification Number):

								M16 R	IFLE MO	DS - TBD		,
Models of Systems Affected: M16 RIFLE	Type Modifica	ation: Incr	eased P	erformand	се	Re	lated RD	T&E PES	s:			
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	з осо	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost						
Procurement			,						,	'	,	,
Combat Optics (1)												
B Kits												
Recurring												
Combat Optics	14,486	9.400	2,261	2.000	2,037	1.800	2,073	1.800	0	0.000	2,073	1.80
Engineering Support	0	0.700	0	0.185	0	0.100	0	0.100	0	0.000	0	0.10
Integrated Logistical Support	0	0.200	0	0.200	0	0.050	0	0.050	0	0.000	0	0.05
Total Package Fielding	0	0.200	0	0.200	0	0.050	0	0.050	0	0.000	0	0.05
Subtotal Recurring		10.500		2.585		2.000		2.000		0.000		2.00
Total, Combat Optics	14,486	10.500	2,261	2.585	2,037	2.000	2,073	2.000	0	0.000	2,073	2.00
Close Quarters Battle Kit (2)						1			'	'		,
B Kits				,				,				
Recurring												
Close Quarters Battle Kit	84,272	2.800	3,066	0.873	2,684	0.776	3,144	1.006	48,211	15.422	51,355	16.42
Engineering Support	0	0.700	0	0.290	0	0.050	0	0.250	0	0.000	0	0.25
Integrated Logistic Support	0	0.100	0	0.044	0	0.020	0	0.020	0	0.000	0	0.02
Fielding	0	0.100	0	0.040	0	0.030	0	0.030	0	0.000	0	0.03
Subtotal Recurring		3.700		1.247		0.876		1.306		15.422		16.72
Total, Close Quarters Battle Kit	84,272	3.700	3,066	1.247	2,684	0.876	3,144	1.306	48,211	15.422	51,355	16.72
Collapsible Buttstock (3)												
B Kits												
Recurring												
Collapsible Buttstock	0	0.000	0	0.000	2,000	0.400	0	0.000	0	0.000	0	0.00
Engineering Support	0	0.000	0	0.000	0	0.200	0	0.000	0	0.000	0	0.00
Subtotal Recurring		0.000		0.000		0.600		0.000		0.000		0.00
Total, Collapsible Buttstock	0	0.000	0	0.000	2,000	0.600	0	0.000	0	0.000	0	0.00
Total, All Modifications		14.200		3.832		3.476		3.306		15.422		18.72
Procurement Cost (Procurement + Support)		14.200		3.832		3.476		3.306		15.422		18.72

LI GZ2800 - M16 Rifle Mods Army

UNCLASSIFIED Page 4 of 10

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GZ2800 - M16 Rifle Mods

Modification Nomenclature
(Modification Title, Modification Number):
M16 RIFLE MODS - TBD

Models of Systems Affected: M16 RIFLE	Type Modifica	ation: Inc	reased P	erforman	се	Re	lated RD	T&E PEs) :			
	Prior	Years	FY :	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		14.200		3.832		3.476		3.306		15.422		18.728
	*											

	FY	2014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Combat Optics ⁽¹⁾												
B Kits												
Recurring												
Combat Optics	2,013	1.800	1,954	1.800	1,897	1.800	1,842	1.800	0	0.000	28,563	22.200
Engineering Support	0	0.100	0	0.100	0	0.100	0	0.146	0	0.000	0	1.531
Integrated Logistical Support	0	0.050	0	0.050	0	0.050	0	0.050	0	0.000	0	0.700
Total Package Fielding	0	0.050	0	0.050	0	0.050	0	0.050	0	0.000	0	0.700
Subtotal Recurring		2.000		2.000		2.000		2.046		0.000		25.131
Total, Combat Optics	2,013	2.000	1,954	2.000	1,897	2.000	1,842	2.046	0	0.000	28,563	25.131
Close Quarters Battle Kit ⁽²⁾												
B Kits		-										
Recurring												
Close Quarters Battle Kit	2,430	0.848	2,312	0.840	2,201	0.792	3,008	1.148	0	0.000	151,328	24.505
Engineering Support	0	0.090	0	0.097	0	0.100	0	0.150	0	0.000	0	1.727
Integrated Logistic Support	0	0.019	0	0.016	0	0.016	0	0.020	0	0.000	0	0.255
Fielding	0	0.030	0	0.030	0	0.030	0	0.030	0	0.000	0	0.320
Subtotal Recurring		0.987		0.983		0.938		1.348		0.000		26.807
Total, Close Quarters Battle Kit	2,430	0.987	2,312	0.983	2,201	0.938	3,008	1.348	0	0.000	151,328	26.807
Collapsible Buttstock ⁽³⁾						,		,		,		
B Kits												
Recurring												
Collapsible Buttstock	1,000	0.200	1,000	0.200	1,000	0.300	0	0.000	0	0.000	5,000	1.100

LI GZ2800 - M16 Rifle Mods Army UNCLASSIFIED
Page 5 of 10

Exhibit P-3A, Individual Modification: PB 2013 Army **Date:** February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GZ2800 - M16 Rifle Mods (Modification Title, Modification Number): M16 RIFLE MODS - TBD

Models of Systems Affected: M16 RIFLE Type Modification: Increased Performance Related RDT&E PEs:

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	nplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Engineering Support	0	0.100	0	0.100	0	0.100	0	0.000	0	0.000	0	0.500
Subtotal Recurring		0.300		0.300		0.400		0.000		0.000		1.600
Total, Collapsible Buttstock	1,000	0.300	1,000	0.300	1,000	0.400	0	0.000	0	0.000	5,000	1.600
Total, All Modifications		3.287		3.283		3.338		3.394		0.000		53.538
Procurement Cost (Procurement + Support)		3.287		3.283		3.338		3.394		0.000		53.538
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		3.287		3.283		3.338		3.394		0.000		53.538

Remarks:

⁽³⁾ The collapsible buttstock provides combat and training units a shorter rifle for close quarter battle and vehicle egress; better eye relief and access to weapon controls for shorter reach Soldiers wearing body armor and allows return of M16 to normal length

Manufacturer Information	on: Combat Optics						
Manufacturer Name: Triji	con, Inc.			Manufacturer Location: W	ixom, MI		
Administrative Leadtime	(in Months): 3			Production Leadtime (in M	fonths): 4		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Apr 2011	Apr 2012	Apr 2013	Apr 2014	Apr 2015	Apr 2016	Apr 2017
Manufacturer Information	on: Close Quarters Battle	Kit					
Manufacturer Name: Vari	ous			Manufacturer Location: Va	arious		
Administrative Leadtime	(in Months): 3			Production Leadtime (in M	fonths): 3		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011	Jan 2012	Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates	Mar 2011	Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
	O. II			•			•
Manufacturer Information	on: Collapsible Buttstock						

UNCLASSIFIED

287

P-1 Line #36

LI GZ2800 - M16 Rifle Mods

⁽¹⁾One of the new combat optic selected by the Army is the M150 Rifle Combat Optic (RCO). The RCO provides an improved capability to identify and engage targets from 300 to 600m with the M4/M16/M249 enhancing long-range first round hit. This system does not degrade the Soldier's ability to conduct reflexive fire techniques and allows for the Soldier to transition rapidly between long-range and close quarters engagements.

⁽²⁾ The Close Quarters Battle Kit provides the Soldier with multiple low cost items to increase lethality and survivability with individual weapons. The Close Quarters Battle Kit will provide the following items: forward grip bipod, improved weapons cleaning kit, improved magazines, magazine pouches, multiple magazine holders with storage pouches, forward rail brackets, and improved three point sling.

Exhibit P-3A, Indivi	idual Modification: P	B 2013 Army				Date: February 2012)
Appropriation / Bud 2033A / BA 2 / BSA	dget Activity / Budge 20	et Sub Activity:	P-1 Line Item No GZ2800 - M16 Rit			Modification Nome (Modification Title, M M16 RIFLE MODS -	lodification Number):
Models of Systems	Affected: M16 RIFLE	Тур	e Modification: Incre	eased Performance	Related R	DT&E PEs:	
Manufacturer Information	on: Collapsible Buttstock	<u>'</u>			'		
Administrative Leadtime	(in Months): 8			Production Leadtime (in I	Months): 3		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Jun 2012		Jun 2014	Jun 2015	Jun 2016	
Delivery Dates		Aug 2012		Aug 2014	Aug 2015	Aug 2016	

Installation: Combat Optics	Me	thod of Impl	ementation	Installed by	Soldiers		Installa	tion Name:				
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 ОСО	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

LI GZ2800 - M16 Rifle Mods Army UNCLASSIFIED
Page 7 of 10

P-1 Line #36

Exhi	oit P	-3A,	Indivi	dua	l Mo	odifi	icatio	on: P	B 2013	Arn	ny														Date	e: Fel	bruar	y 20	12				
			/ Bu BSA		t Act	tivit	y / B	udge	et Sub	Acti	vity:				I tem I M16			ature: ds							(Мо	difica		Γitle,	Мос	lature dification BD	n N	lumb	per):
Mod	els o	f Sys	tems	Aff	ecte	:d: N	V116	RIFLE	Ξ		T	ype N	/lodifi	catio	on: In	crea	sed F	Perforr	nance	е		Re	lated	RDT	&E F	PEs:							
Instal	ation	: Coml	oat Opt	ics							М	ethod	of Imp	leme	ntation	: Insta	alled b	oy Soldie	ers			Ins	tallati	on Nam	ne:								
											FY	2014			FY	2015		Ì	FY 2	2016			FY 20	17		То	Comp	lete			Tota	al	
Instal	ation	Cost									Qty		al Cost		Qty		al Cost		ty		I Cost	Qty		Total Cos	st	Qty	1	Total Co		Qty			Cost
To Co						—				((Each)	0	\$ <i>M</i>) 0.000	+ •	Each) 0	-	\$ <i>M</i>) 0.00	<u> </u>	nch) 0	(\$	<i>M</i>)	(Each	0	(\$ M) 0.0	000	(Each)	0	(\$ M)	0.000	(Each)	0	(\$)	<i>M)</i>
Total	пріос											0	0.000)	0		0.00	00	0		0.00	0	0	0.0	000		0		0.000		0		0.000
	ation	Sche	dule																													-	
			FY	2011				FY:	2012			FY 2	2013			FY	2014			FY	/ 201	5		FY 2	2016			F	Y 201	17			
	APY	1	2	3		4	1	2	3	4	1	2	3	4	1	2	3	4	1	2		3 4	1	2	3	4	1	2	2	3 4	╡.	тс	Tot
In	-	C	0		0	0	0	0	0	0	0	0	0	0	0	(0	0 () (ו	0	0 0	C	0	C) () (0	0	0	0	0	0
Out	-	C	0		0	0	0	0	0	0	0	0	0	0	0	(0	0 () (ס	0	0 0	C	0	C) () (0	0	0	0	0	0
		01				14:1												0 1 "															
ınstal	ation:	: Close	e Quart	ers E	attle	Kit				_		_		leme		,	alled b	y Soldie						on Nam	ie:	-	2010.6						.
											Qty	r Year	S al Cost		Qty	2011 Tot:	al Cost		FY 2		I Cost	Qty	2013	Total Cos	et .	Qty	2013 (Total Co	ost	Qty	2013	Total	I Cost
Instal	ation	Cost								((Each)	(\$ M)	(1	Each)	(-	\$ M)	(Ea	ich)		M)	(Each	1)	(\$ M)		(Each)		(\$ M))	(Each)	4		М)
All Pri		ars										0	0.000		0		0.00		0		0.00		0		000		0		0.000		0		0.000
FY 20												0	0.000	-	0		0.00		0		0.00		0		000		0		0.000		0		0.000
FY 20										-		0	0.000		0	-	0.00		0		0.00		0		000		0		0.000		0		0.000
FY 20 FY 20												0	0.000		0		0.00	_	0		0.00		0		000		0		0.000		0		0.000
FY 20												0	0.000		0		0.00		0		0.00		0		000		0		0.000		0		0.000
FY 20												0	0.000	-	0		0.00		0		0.00		0		000		0		0.000		0		0.000
FY 20												0	0.000)	0		0.00	00	0		0.00	0	0	0.0	000		0		0.000		0		0.000
To Co		e										0	0.000)	0		0.00	00	0		0.00	0	0	0.0	000		0	(0.000		0		0.000
Total	•					-						0	0.000)	0		0.00	00	0		0.00	0	0	0.0	000		0		0.000		0		0.000
											EV	2014			EV	2015			FY 2	2016			FY 20	17		То	Comp	loto			Tota	al.	
Instal	ation	Coot									Qty	Tot	al Cost		Qty	Tota	al Cost		ty	Tota	l Cost	Qty		Total Cos	st	Qty	·	Total Co		Qty	1018	Total	Cost
All Pri										((Each)	0	\$ <i>M</i>) 0.000	+ '	Each) 0	_	\$ <i>M</i>) 0.00	- '	nch) 0	(\$	<i>M</i>)	(Each	0	(\$ M) 0.0	000	(Each)	0	(\$ M)	0.000	(Each)	0	(\$ 1	<i>M)</i>
		413										0	0.000		0		0.00		0		0.00		0		000		0		0.000		0		0.000
FY 20																																	

LI GZ2800 - M16 Rifle Mods Army Page 8 of 10

Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GZ2800 - M16 Rifle Mods (Modification Title, Modification Number): M16 RIFLE MODS - TBD Models of Systems Affected: M16 RIFLE Type Modification: Increased Performance Related RDT&E PEs: Method of Implementation: Installed by Soldiers Installation: Close Quarters Battle Kit Installation Name: FY 2016 FY 2014 FY 2015 FY 2017 To Complete Total Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Qty **Total Cost** Qty **Total Cost Total Cost** Qty Installation Cost (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) FY 2013 0.000 0.000 0.000 0.000 0.000 0.000 0 FY 2014 0 0.000 0.000 0 0.000 0.000 0 0.000 0 0.000 FY 2015 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2016 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 FY 2017 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 To Complete 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 Total 0 0.000 0.000 0.000 0.000 0 0.000 0 0.000 Installation Schedule FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 **APY** 1 4 1 4 1 2 4 1 1 1 4 TC Tot In 0 Out 0 Installation: Collapsible Buttstock Method of Implementation: Installed by Soldiers Installation Name: **Prior Years** FY 2011 FY 2012 **FY 2013 Base FY 2013 OCO** FY 2013 Total **Total Cost Total Cost Total Cost Total Cost Total Cost Total Cost** Qty Qty Qty Qty Qty Qty Installation Cost (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) (Each) (\$ M) 0.000 0.000 0.000 0 0.000 0 0.000 0 0.000 All Prior Years FY 2011 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0 0.000 0 0 FY 2012 0.000 0 0.000 0 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0 0.000 FY 2013 FY 2014 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 FY 2015 0 0 0 0 0.000 0 0.000 0 0.000 0.000 0.000 FY 2016 0.000 FY 2017 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 To Complete 0 0.000 0.000 0.000 0 0.000 0 0.000 0 0.000 0.000 0.000 0.000 0 0.000 Total 0.000 0 0.000

LI GZ2800 - M16 Rifle Mods Army UNCLASSIFIED
Page 9 of 10

P-1 Line #36

Exhibit P-3A, Individual Modification: PB 2013 ArmyDate: February 2012Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20P-1 Line Item Nomenclature:
GZ2800 - M16 Rifle ModsModification Nomenclature
(Modification Title, Modification Number):
M16 RIFLE MODS - TBD

Models of Systems Affected: M16 RIFLE Type Modification: Increased Performance Related RDT&E PEs:

Installation: Collapsible Buttstock	Me	thod of Impl	ementation:	Installed by	Soldiers		Installa	tion Name:				
	FY	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Cor	nplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

Installation Schedule

1																																
				FY 2	2011			FY 2	2012			FY	2013			FY 2	2014	-		FY 2	2015			FY 2	2016			FY 20	017			
		APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	тс	Tot
In		-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Οι	ıt	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

LI GZ2800 - M16 Rifle Mods Army UNCLASSIFIED
Page 10 of 10

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)

Date: February 2012

Vehicles / BSA 20 : Mod Of Weapons And Other Combat Vehicles

ID Code (A=Service Ready, B=Not Service Ready) : B		Prograi	m Elements f	or Code B Ite	ems: 060460	1A	Oth	er Related P	rogram Elem	nents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	35.900	6.048	2.973	3.072	-	3.072	3.112	3.122	3.179	3.232	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	35.900	6.048	2.973	3.072	-	3.072	3.112	3.122	3.179	3.232	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	35.900	6.048	2.973	3.072	-	3.072	3.112	3.122	3.179	3.232	Continuing	Continuing
(The fo	ollowing Resource	Summary rows	are for informa	ational purposes	only. The corre	esponding budg	get requests are	documented e	Isewhere.)			
Initial Spares (\$ in Millions)	_	_	_	_	_	_	_	_	_	_	_	_

(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented e	lsewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program procures modifications of small arms with a cost less than \$5.000 million to include the procurement of accessory components of optics, mounting systems, bipods, and tripods. Optic sights allow the Soldier to identify and engage targets at longer ranges more effectively than standard iron sights. The M150 Rifle Combat Optic is a powered scope with a ranging reticule enhancing the Soldier ability to engage targets out to 600 meters. The improved optic combines the close range, rapid target acquisition capabilities of the M68 Close Combat Optic (CCO) and the magnified capabilities of the M150 Rifle Combat Optic (RCO) and M145 Machine Gun Optic (MGO). Mounting systems provides a means to mount accessory components to weapons and mount weapon systems to platforms. Bipods and tripods are used to stabilize and maneuver a weapon to target. The XM205 is a lightweight tripod for dismounted machine guns.

Second	dary Dis	tribution		FY 2011		FY 2012	2	FY 201 Base	-	FY 201 OCO	-	FY 20 ⁻ Tota	-	FY 20)14	FY 20)15	FY 2	016	FY 2	2017
Army Active	Quantity				-		-		-		-		-		-		-		-		-
	Total Obl	igation Authority		(6.048		2.973		3.072		-		3.072		3.112		3.122		3.179		3.232
It	tem Sche	dule		Р	rior Yea	rs		FY 2011			FY 2012		F١	/ 2013 Ba	ase	FY	2013 O	co	FY	2013 To	tal
Item Nomen	clature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
Modifications Les \$5.0M - TBD	ss Than	P3A		-	-	35.900	-	-	6.048	-	-	2.973	-	-	3.072	-	-	-	-	-	3.072
Total Gross/Wea	apon					35.900			6.048			2.973			3.072			-			3.072

UNCLASSIFIED

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)

Vehicles / BSA 20: Mod Of Weapons And Other Combat Veh

ID Code (A=Service Read	dy, B=Not Service Rea	dy) : E	3			Program	Element	s for Cod	e B Items	: 060460	1A		Oth	er Related	d Progran	n Elemei	nts:			
	•			FY 2014			FY 2015	;		FY 2016			FY 2017		To	Comple	te		Total	
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost	Unit Cost	Qty (Each)	Total Cost
Modifications Less Than \$5.0M - TBD	P3A		-	-	3.112	-	-	3.122	-	-	3.179	-	-	3.232	-	-	-	-	-	-
Total Gross/Weapon System Cost					3.112			3.122			3.179			3.232			-			-

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

Justification:

FY13 Base procurement dollars in the amount of \$3.072 million supports the Army by procuring sniper components and accessories, combat optics, and tripods. M150 RCOs are required to enhance the Soldier's ability over a 1x magnification close combat optic to engage targets out to 600 meters. Tripods are required to stabilize and maneuver a dismounted machine gun to target. Various upgrades, modifications, and accessories are necessary to enhance the Soldier's capability and lethality.

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.

UNCLASSIFIED
Page 2 of 15

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)
Modification Title, Modification Number):
Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons | Type Modification: Increase performance | Related RDT&E PEs:

	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	осо	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	35.900	6.048	2.973	3.072	-	3.072	3.112	3.122	3.179	3.232	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	35.900	6.048	2.973	3.072	-	3.072	3.112	3.122	3.179	3.232	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	35.900	6.048	2.973	3.072	-	3.072	3.112	3.122	3.179	3.232	Continuing	Continuing
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	sponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program procures modification of small arms with a cost less than \$5.000 million to include the procurement of accessory components of snipers, optics, mounting systems, bipods, and tripods. Funds are required to procure sniper accessories and additional optics for small arms.

Development	Status/Major Development Milestones	
Date	Title	Description
Aug 2011	Production Verification Test	XM205 Tripod
Aug 2011	Operational Test	XM205 Tripod
Mar 2012	Type Classification - Standard	XM205 Tripod
Aug 2013	First Unit Equipped	XM205 Tripod
Sep 2012	Approved Requirement	Squad Common Optic (SCO)

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:
2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:
GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)

(Modification Title, Modification Number):

 Odels of Systems Affected:
 Small Arms Weapons
 Type Modification:
 Increase performance
 Related RDT&E PEs:

Models of Systems Affected: Small Arms Weapons	Type Modifica	ation: Incr	ease pe	rformance)	Re	lated RD	T&E PEs	:			
	Prior	Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)								
Procurement												
M150 Rifle Combat Optic (RCO) ⁽¹⁾												
B Kits											_	
Recurring												
M150 Rifle Combat Optic (RCO)	8,533	7.100	27,690	4.570	12,571	2.200	13,554	2.372	0	0.000	13,554	2.37
Engineering Support	0	0.300	0	0.100	0	0.300	0	0.300	0	0.000	0	0.300
Testing	0	0.100	0	0.100	0	0.000	0	0.100	0	0.000	0	0.100
Integrated Logistical Support	0	0.200	0	0.100	0	0.000	0	0.100	0	0.000	0	0.100
Fielding	0	0.200	0	0.100	0	0.000	0	0.100	0	0.000	0	0.100
Subtotal Recurring		7.900		4.970		2.500		2.972		0.000		2.972
Total, M150 Rifle Combat Optic (RCO)	8,533	7.900	27,690	4.970	12,571	2.500	13,554	2.972	0	0.000	13,554	2.97
Sniper Components and Accessories (2)												
B Kits												
Recurring												
Sniper Components and Accessories	0	0.000	1,226	0.561	0	0.000	0	0.000	0	0.000	0	0.000
Engineering Support	0	0.000	0	0.100	0	0.000	0	0.000	0	0.000	0	0.000
Testing	0	0.000	0	0.100	0	0.000	0	0.000	0	0.000	0	0.000
Integrated Logistical Support	0	0.000	0	0.100	0	0.000	0	0.000	0	0.000	0	0.000
Fielding	0	0.000	0	0.100	0	0.000	0	0.000	0	0.000	0	0.000
Subtotal Recurring		0.000		0.961		0.000		0.000		0.000		0.000
Total, Sniper Components and Accessories	0	0.000	1,226	0.961	0	0.000	0	0.000	0	0.000	0	0.000
Tripods (3)												
B Kits												
Recurring												
Tripods	100	0.200	0	0.000	220	0.373	0	0.000	0	0.000	0	0.000
Engineering, ILS, TPF Support	0	0.100	0	0.000	0	0.100	0	0.100	0	0.000	0	0.100
Subtotal Recurring		0.300		0.000		0.473		0.100		0.000		0.100
Total, Tripods	100	0.300	0	0.000	220	0.473	0	0.100	0	0.000	0	0.100

LI GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV) Army

UNCLASSIFIED
Page 4 of 15

Exhibit P-3A, Individual Modification: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

Modification Nomenclature

2033A / BA 2 / BSA 20 GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)

Modification Nomenclature (Modification Title, Modification Number): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modifica	ation: Incr	ease pe	rformance)	Re	lated RD	T&E PE	s:			
	Prior	Years	FY	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	13 Total
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost	Qty (Each)	Total Cost
M145 Machine Gun Optic ⁽⁴⁾												
B Kits												_
Recurring												*
M145 Machine Gun Optic	37,349	23.900	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Support Equipment	0	3.200	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Integrated Logistical Support	0	0.300	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Fielding	0	0.300	0	0.117	0	0.000	0	0.000	0	0.000	0	0.000
Subtotal Recurring		27.700		0.117		0.000		0.000		0.000		0.000
Total, M145 Machine Gun Optic	37,349	27.700	0	0.117	0	0.000	0	0.000	0	0.000	0	0.000
Sqaud Common Optic (SCO) (5)								,		,		
B Kits												-
Recurring										,		
Improved Optics	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Engineering Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
Integrated Logistics Spt (ILS)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total Package Fielding (TPF)-	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
New Equipment Training (NET)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Fielding	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Support Equipment	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Interim Contractor Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		0.000
Total, Sqaud Common Optic (SCO)	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total, All Modifications		35.900		6.048		2.973		3.072		0.000		3.07
Procurement Cost (Procurement + Support)		35.900		6.048		2.973		3.072		0.000		3.072
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		35.900		6.048		2.973		3.072		0.000		3.072

LI GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV) Army

UNCLASSIFIED
Page 5 of 15

Exhibit P-3A, Individual Modification: PB 2013 Army Date: February 2012 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature:

2033A / BA 2 / BSA 20 GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)

Modification Nomenclature (Modification Title, Modification Number): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modifica	ation: Inci	ease pe	rformance)	Re	lated RD	T&E PE	S :			
	FY 2	2014	FY	2015	FY 2	2016	FY 2	2017	To Co	mplete	То	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost						
Procurement												
M150 Rifle Combat Optic (RCO) (1)												
B Kits												
Recurring												
M150 Rifle Combat Optic (RCO)	13,700	2.412	0	0.000	0	0.000	0	0.000	0	0.000	76,048	18.65
Engineering Support	0	0.300	0	0.082	0	0.135	0	0.000	0	0.000	0	1.51
Testing	0	0.100	0	0.000	0	0.000	0	0.000	0	0.000	0	0.40
Integrated Logistical Support	0	0.150	0	0.000	0	0.000	0	0.000	0	0.000	0	0.55
Fielding	0	0.150	0	0.000	0	0.000	0	0.000	0	0.000	0	0.55
Subtotal Recurring		3.112		0.082		0.135		0.000		0.000		21.67
Total, M150 Rifle Combat Optic (RCO)	13,700	3.112	0	0.082	0	0.135	0	0.000	0	0.000	76,048	21.67
Sniper Components and Accessories ⁽²⁾						1						
B Kits												
Recurring												
Sniper Components and Accessories	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1,226	0.56
Engineering Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.10
Testing	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.10
Integrated Logistical Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.10
Fielding	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.10
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		0.96
Total, Sniper Components and Accessories	0	0.000	O	0.000	0	0.000	0	0.000	0	0.000	1,226	0.96
Tripods ⁽³⁾												
B Kits												
Recurring												
Tripods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	320	0.57
Engineering, ILS, TPF Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.30
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		0.87
Total, Tripods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	320	0.87

LI GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV) Army

UNCLASSIFIED Page 6 of 15

Date: February 2012 Exhibit P-3A, Individual Modification: PB 2013 Army Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV) (Modification Title, Modification Number): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modifica	ation: Inc	ease pe	rformance	•	Re	lated RD	T&E PE	:			
	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	2017	To Cor	nplete	To	tal
Financial Plan	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cos						
M145 Machine Gun Optic ⁽⁴⁾												
B Kits												
Recurring												
M145 Machine Gun Optic	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	37,349	23.90
Support Equipment	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	3.20
Integrated Logistical Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.30
Fielding	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.41
Subtotal Recurring		0.000		0.000		0.000		0.000		0.000		27.81
Total, M145 Machine Gun Optic	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	37,349	27.81
Sqaud Common Optic (SCO) (5)												
B Kits												
Recurring												
Improved Optics	0	0.000	1,800	1.800	1,800	1.800	2,000	2.000	0	0.000	5,600	5.60
Engineering Support	0	0.000	0	0.340	0	0.344	0	0.332	0	0.000	0	1.01
Integrated Logistics Spt (ILS)	0	0.000	0	0.100	0	0.100	0	0.100	0	0.000	0	0.30
Total Package Fielding (TPF)-	0	0.000	0	0.100	0	0.100	0	0.100	0	0.000	0	0.30
New Equipment Training (NET)	0	0.000	0	0.200	0	0.200	0	0.200	0	0.000	0	0.60
Fielding	0	0.000	0	0.300	0	0.300	0	0.300	0	0.000	0	0.90
Support Equipment	0	0.000	0	0.100	0	0.100	0	0.100	0	0.000	0	0.30
Interim Contractor Support	0	0.000	0	0.100	0	0.100	0	0.100	0	0.000	0	0.30
Subtotal Recurring		0.000		3.040		3.044		3.232		0.000		9.31
Total, Sqaud Common Optic (SCO)	0	0.000	1,800	3.040	1,800	3.044	2,000	3.232	0	0.000	5,600	9.31
Total, All Modifications		3.112		3.122		3.179		3.232		0.000		60.63
Procurement Cost (Procurement + Support)		3.112		3.122		3.179		3.232		0.000		60.63
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.00
Total Cost (Procurement + Support + Installation)		3.112		3.122		3.179		3.232		0.000		60.63

Remarks:

UNCLASSIFIED Page 7 of 15

	UNCL	ASSIFIED			
Exhibit P-3A, Individual Modification: PB 2013 Army				Date: February 2012	
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 20	P-1 Line Item No GC0925 - Modific	menclature: ations Less Than \$5.0m	(WOCV-WTCV)	Modification Nome (Modification Title, M Modifications Less T	odification Number):
Models of Systems Affected: Small Arms Weapons Ty	ype Modification: Incre	ease performance	Related R	DT&E PEs:	
(1) The M150 Rifle Combat Optic (RCO) provides improved capability to Squad Automatic Weapon (SAW). The optic does not degrade the Sold engagements. (2) Sniper components and accessories provide modifications and optics Sniper Rifle (LRSR). Modifications and components include improved boresighting kits, and sniper accessory kits. These modifications provides (3) The M3 Tripod and XM205 Lightweight Tripod support the M2/M2A1, 30% (M3 tripod weighs 50.2 pounds), and provides enhanced integrate (4) The M145 Machine Gun Optic Program provides a 3.4x, laser harder sight allows the Soldier to identify and engage targets at longer ranges probability. (5) The Squad Common Optic (SCO) combines the close range, rapid ta and M145 Machine Gun Optic (MGO). The improvement will provide grand barrel lengths.	dier's ability to conduct reflexing for the M110 Semi-Automat bipods and monopods, buttstude the Soldier with improved at MK19 and XM806 Lightweig dight traverse and elevation mediated telescope sight for the 7.6 and at lower light levels more light acquisition capabilities of	ive fire techniques and allows the fire techniques and allows the fire System (SASS), M24 tocks, ranging reticles, electronic accuracy, lethality and reliability that Machine Guns in the dismousthanism for quicker, more accuracy mm M240B Medium Machine are effectively than existing iron signs the M68 Close Combat Optic	Sniper Weapon Systems, solution of the Control systems, solution of the Control systems, solution of the Control systems, solution of the Control systems of the	apidly between long range an (SWS), and the M107 Semi- uppressors, improved barrels. Tripod goal reduces the Soldie. 9 Squad Automatic Weapon (tic sight also provides the Soldied Capabilities of the M150 Rife.	Automatic Long Range improved optics and er's weight burden by SAW). The optic lier with a greater hit de Combat Optic (RCO)
Manufacturer Information: M150 Rifle Combat Optic (RCO)					
Manufacturer Name: TRIJICON, Inc		Manufacturer Location: Wi	xom, MI		
Administrative Leadtime (in Months): 3		Production Leadtime (in M			
Dates FY 2011 FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates Jan 2011 Jan 2012	Jan 2013	Jan 2014			
Delivery Dates Apr 2011 Apr 2012	Apr 2013	Apr 2014			
Manufacturer Information: Sniper Components and Accessories					
		Man Carl malancer Da			
Manufacturer Name: LEUPOLD & STEVENS, INC.		Manufacturer Location: Be	eaverton, OR		
Manufacturer Name: LEUPOLD & STEVENS, INC. Administrative Leadtime (in Months): 3		Production Leadtime (in M	· · · · · · · · · · · · · · · · · · ·		

Manufacturer Information: Tripods

Contract Dates

Delivery Dates

Manufacturer Name: TBD Manufacturer Location: TBD

Administrative Leadtime (in Months): 10			Production Leadtime (in N	Months): 6		
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Aug 2012					
Delivery Dates		Jan 2013					

UNCLASSIFIED
Page 8 of 15

Jan 2011 Apr 2011

Exhibit F-3A, illuly	idual Modification: F	PB 2013 Army							Da	i te: Febru	ary 2012		
Appropriation / Bu 2033A / BA 2 / BSA	dget Activity / Budg 20	et Sub Activity:			lomenclat ications Le		\$5.0m (WO	CV-WTC	√) (<i>M</i>	odification	n Nomeno n Title, Mod s Less Tha	dification N	,
Models of Systems	s Affected: Small Arn	ns Weapons	Type Modific	ation: Inc	rease perf	ormance		Relate	d RDT&E	PEs:			
Manufacturer Informati	on: M145 Machine Gun O	Optic											
Manufacturer Name: N/A	1				Manuf	acturer Loca	ation: N/A						
Administrative Leadtime	(in Months):				Produ	ction Leadtir	me (in Months)):					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015		FY 201	16	FY 20	017
Contract Dates													
Delivery Dates													
Manufacturer Informati	on: Sqaud Common Opti	ic (SCO)											
Manufacturer Name: TBI)				Manut	acturer Loca	ation: TBD						
Administrative Leadtime	(in Months): 1				Produ	ction Leadtir	me (in Months)	: 5					
Dates	FY 2011	FY 2012		FY 2013		FY 2014		FY 2015		FY 201	16	FY 20	017
Contract Dates								Nov 2014		Jan 20	16	Jan 20	017
Doliver Detec								Mar 2015	5	May 20	16	May 2	017
,	Combat Optic (RCO)		lethod of Impl	ementation:	Installed by	Soldiers		Installat	tion Name:				
Delivery Dates Installation: M150 Rifle	Combat Optic (RCO)		lethod of Impl	ementation: FY 2			2012	Installat		FY 201	3 OCO	FY 201:	3 Total
,	Combat Optic (RCO)						2012 Total Cost (\$ M)			FY 201 Qty (Each)	3 OCO Total Cost (\$ M)	FY 201: Qty (Each)	
Installation: M150 Rifle	Combat Optic (RCO)	Pri Qty	or Years Total Cost	FY 2	2011 Total Cost (\$ M)	FY 2	Total Cost	FY 201:	Base Total Cost	Qty	Total Cost (\$ M)	Qty	Total Cost
Installation: M150 Rifle	Combat Optic (RCO)	Pri Qty	Total Cost	Gty (Each)	Total Cost (\$ M) 0.000	Cty (Each)	Total Cost (\$ M)	FY 2013 Qty (Each)	3 Base Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M) 0.000	Qty (Each)	Total Cost (\$ M)
Installation: M150 Rifle Installation Cost All Prior Years	Combat Optic (RCO)	Pri Qty	Total Cost (\$ M) 0 0.000	FY 2 Qty (Each)	Total Cost (\$ M) 0.000	Gty (Each)	Total Cost (\$ M) 0.000	FY 2013 Qty (Each) 0	Total Cost (\$ M) 0.000	Qty (Each)	Total Cost (\$ M) 0.000	Qty (Each)	Total Cost (\$ M)
Installation: M150 Rifle Installation Cost All Prior Years FY 2011	Combat Optic (RCO)	Pri Qty	Total Cost (\$ M) 0 0.000 0 0.000	Gty (Each)	Total Cost (\$ M) 0.000 0.000 0.000	Qty (Each) 0	Total Cost (\$ M) 0.000	FY 2013 Qty (Each) 0	3 Base Total Cost (\$ M) 0.000 0.000	Qty (Each) 0	Total Cost (\$ M) 0.000 0.000	Qty (<i>Each</i>) 0	Total Cost (\$ M) 0.00 0.00
Installation: M150 Rifle Installation Cost All Prior Years FY 2011 FY 2012	Combat Optic (RCO)	Pri Qty	Total Cost (\$ M) 0 0.000 0 0.000 0 0.000	FY 2 Qty (Each) 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000	Gty (Each) 0 0	Total Cost (\$ M) 0.000 0.000 0.000	FY 2013 Qty (Each) 0 0	3 Base Total Cost (\$ M) 0.000 0.000 0.000	Qty (Each) 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000	Qty (Each) 0 0	Total Cost (\$ M) 0.00 0.00 0.00
Installation: M150 Rifle Installation Cost All Prior Years FY 2011 FY 2012 FY 2013	Combat Optic (RCO)	Pri Qty	Total Cost (\$ M) 0 0.000 0 0.000 0 0.000 0 0.000	FY 2 Qty (Each) 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each) 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000	FY 201: Qty (Each) 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000	Oty (Each) 0 0 0 0	Total Cost (\$ M) 0.00 0.00 0.00 0.00 0.00
Installation: M150 Rifle Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014	Combat Optic (RCO)	Pri Qty	Total Cost (\$ M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000	PY 2 Qty (Each) 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	PY 2 Qty (Each) 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000	FY 201: Qty (Each) 0 0 0 0 0 0 0	3 Base Total Cost (\$M) 0.000 0.000 0.000 0.000 0.000 0.000	Otty (Each) 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000	Oty (Each) 0 0 0 0 0	Total Cost (\$ M) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Installation: M150 Rifle Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015	Combat Optic (RCO)	Pri Qty	Total Cost (\$ M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000	FY 2 Qty (Each) 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each) 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201: Qty (Each) 0 0 0 0 0 0 0 0	3 Base Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Oty (Each) 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Installation: M150 Rifle Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016	Combat Optic (RCO)	Pri Qty	Total Cost (\$ M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201: Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Oty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
Installation: M150 Rifle Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017	Combat Optic (RCO)	Pri Qty	Total Cost (\$ M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201: Qty (Each) 0 0 0 0 0 0 0 0	3 Base Total Cost (\$M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Oty (Each) 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.00
Installation: M150 Rifle Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 To Complete	Combat Optic (RCO)	Pri Qty (Each)	Total Cost (\$ M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0	P. (\$ M) Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201: Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Oty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Installation: M150 Rifle Installation Cost All Prior Years FY 2011 FY 2012 FY 2013 FY 2014 FY 2015 FY 2016 FY 2017 To Complete	Combat Optic (RCO)	Pri Qty (Each)	Total Cost (\$ M) 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000 0 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	P. (\$ M) Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 2 Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	FY 201: Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Qty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	Otty (Each) 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Cost (\$ M) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

LI GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV) Army

Page 9 of 15

P-1 Line #37

Exhibit P-3A, Individual Modification: PB 2013	Army							D	ate: Febru	uary 2012		
Appropriation / Budget Activity / Budget Sub A 2033A / BA 2 / BSA 20	ctivity:			Nomencla fications L		\$5.0m (WC	OCV-WTC	V) (/	Modificatio (1971)	n Nomeno n Title, Mo ns Less Tha	dification	
Models of Systems Affected: Small Arms Weapo	ons Typ	e Modific	cation: Ind	crease per	formance		Relate	ed RDT&E	PEs:			
Installation: M150 Rifle Combat Optic (RCO)	Met	hod of Impl	ementation	: Installed by	Soldiers		Installa	tion Name:				
	FY 2	014	FY 2	2015	FY 2	2016	FY 2	2017	То Со	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost	Qty (Each)	Total Cost
FY 2011	0	0.000	. ,		0		0	0.000		· ' '	0	-
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Installation Schedule												
FY 2011 FY 2012		FY 2013		FY 2014		FY 2015		FY 201	6	FY 20	17	
		2 3	4 1	2 3	4 1	2 3	4 1		3 4	1 2	3 4	TC Tot
In - 0 0 0 0 0 0 0	0 0	0 0	0 0	0 0			0 0	0 0	0 0	0 0	0 0	0 0
Out - 0 0 0 0 0 0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0
Installation: Sniper Components and Accessories	Mod	had of Imal	amantation	: Installed by	Caldiara		Inetalle	tion Name:				
installation. Shiper Components and Accessories	Prior			2011		2012	FY 201		EV 20	13 OCO	EV 201	3 Total
	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost	Qty	Total Cost
Installation Cost	(Each)	(\$ M) 0.000	(Each)	(\$ M) 0.000	(Each)	(\$ M) 0.000	(Each)	(\$ M) 0.000	(Each)	(\$ M) 0.000	(Each)	(\$ M) 0.000
All Prior Years	0	0.000	0	1 111	0		0	0.000	0		0	0.000
FY 2011	0	0.000	0		0		0	0.000	0		0	0.000
FY 2012 FY 2013	0	0.000	0		0		0	0.000	0		0	0.000
FY 2013	0	0.000	0	1 111	0		0	0.000			0	0.000
FY 2015	0	0.000	-		0		0	0.000			0	
FY 2016	0	0.000			0		0	0.000			0	0.000
FY 2017	0	0.000	0		0		0	0.000			0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
				1					1			I

LI GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV) Army

UNCLASSIFIED
Page 10 of 15

Exhi	ibit P-	3A, I	ndiv	dual	Modif	ficat	ion: P	В	2013	۹rm	y												D	ate: Feb	ruary	2012				
	ropria BA / BA				Activi	ty / I	Budge	et S	Sub A	ctiv	ity:		1			lomen ication			n \$	5.0m (WC	DCV-W	ΓCV	΄) (Λ	odificat Modificati odification	ion Ti	tle, Mod	dificatio			,
Mod	lels of	Sys	tems	Affe	cted:	Sma	all Arm	s\	Weapo	ons	Ту	pe N	Modifi	catio	n: Inc	rease	perf	ormano	е		Rel	atec	RDT&E	PEs:						
Instal	llation:	Snipe	r Com	ponen	ts and A	Acces	sories				Me	ethod	of Impl	emen	itation:	Installe	ed by S	Soldiers			Insta	allatio	on Name:							
											Prior	Year	's		FY 2	2011	Ť	F	Y 20	012	FY 2	2013	Base	FY 2	013 0	СО	FY 2	2013	Total	
Inetal	llation (Cost									Qty ach)		tal Cost		Qty ach)	Total C		Qty (Each)		Total Cost	Qty (Each)		Total Cost	Qty (Each)		tal Cost	Qty (Each)		Total C	
Total	nation (-								(=	acri)	-	0.000	(=	0		0.000	(Eacii)	0	0.000	(Each)	0	0.000		0	0.000	(Eacii)	0		0.000
											FY	2014			FY 2	2015		F	Y 20	016	F	Y 20	17	То С	Comple	ete		Tota	al	
Instal	llation (Cost									Qty fach)		tal Cost (\$ M)		Qty fach)	Total C (\$ M		Qty (Each)		Total Cost (\$ M)	Qty (Each)		Total Cost (\$ M)	Qty (Each)		tal Cost (\$ M)	Qty (Each)		Total C	
All Pri	ior Year	rs									,		0.000		0		0.000	. ,	0	0.000		0	0.000		0	0.000		0		0.000
FY 20)11										()	0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
FY 20)12										()	0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
FY 20	013										()	0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
FY 20)14										()	0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
FY 20)15										(0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
FY 20	016										(0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
FY 20											(0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
	omplete	!									(0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
Total											()	0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
Insta	llation S	Sched			_											=>/														
	ADV			2011		_	FY	·			4		2013		4	FY 20				FY 2015			FY 201	-		FY 20		4.	TO	T - 4
In	APY	1	2	3	4 0	1	2	+	0	0	0	2	3	4	1	2	3	4	1	0 3	4 0 0	1		3 4 0 0	1	2	3 4	0	TC 0	Tot 0
Out	-	0		+	+		0 0	+	0	0	0	0		0	0	0	0	0	0		0 0	0		0 0				0	0	0
																I														
Instal	llation:	Tripo	ds								Me	ethod	of Impl	emen	tation:	Installe	d by S				Insta	allatio	on Name:	,						
												Year			FY 2				Y 20	012			Base		013 O			2013	Total	
Instal	llation (Cost									Qty fach)		tal Cost (\$ M)		Qty fach)	Total C (\$ M		Qty (Each)		Total Cost (\$ M)	Qty (Each)		Total Cost (\$ M)	Qty (Each)		tal Cost (\$ M)	Qty (Each)		Total C	
All Pri	ior Year	rs									()	0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
FY 20)11										(0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
FY 20											(0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000
FY 20	013										()	0.000		0		0.000		0	0.000		0	0.000		0	0.000		0		0.000

LI GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV) Army

Page 11 of 15

P-1 Line #37

															LAS															
Exh	ibit P-	-3A, I	ndivi	dual N	lodif	icatio	n: PB	2013	3 Arm	y													Date	: Feb	ruary	2012				
	ropria BA / Ba				ctivi	ty / B	udget	Sub	Activ	vity:					lomen ication			an \$	5.0m (W	OCV-W	/TC\	/)	(Mod	dificati	i on N o ion Tit	le, Mo	odifica	tion I	Numbe - TBD	
Mod	lels of	f Syst	tems	Affec	ted:	Small	Arms	Wea	pons	Ty	ype N	lodifi	catio	n: Inc	rease	perf	orman	nce		Re	late	d RDT	&E P	Es:						
Insta	llation:	Tripod	ls							M	ethod	of Imp	lemen	itation:	Installe	ed by S	Soldiers	;		Ins	tallati	ion Nam	ie:							
										Prio	r Years	S		FY 2	2011			FY 20	12	FY	2013	Base		FY 2	013 OC	0	F	Y 201	3 Total	
Insta	llation	Cost								Qty ∃ach)		al Cost		Qty ach)	Total C		Qty (Each)		Total Cost (\$ M)	Qty (Each		Total Cos (\$ M)	st	Qty (Each)		al Cost § M)	Qt (Ea		Total C	
FY 20)14										0	0.000		0		0.000		0	0.000		0	0.0	000		0	0.000		0		0.00
FY 20)15										0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.00
FY 20)16										0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.000
FY 20)17										0	0.000		0		0.000		0	0.000		0	0.0	000		0	0.000		0		0.000
To Co	omplete)									0	0.000		0		0.000		0	0.000		0	0.0	000		0	0.000		0		0.000
Total											0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.000
										FY	2014			FY 2	2015			FY 20	16		FY 20)17		To C	omple	te		To	tal	
Insta	llation	Cost								Qty Each)		al Cost		Qty fach)	Total C		Qty (Each)		Total Cost (\$ M)	Qty (Each		Total Cos	st	Qty (Each)		al Cost	Qt (Ea		Total C	
All Pr	ior Yea	rs									0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.000
FY 20)11										0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.000
FY 20)12										0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.00
FY 20	013										0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.000
FY 20)14										0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.000
FY 20)15									-	0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.000
FY 20	016										0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.000
FY 20)17										0	0.000		0		0.000		0	0.000)	0	0.0	000		0	0.000		0		0.000
To Co	omplete)									0	0.000		0		0.000		0	0.000		0	0.0	000		0	0.000		0		0.000
Total											0	0.000		0		0.000		0	0.000		0	0.0	000		0	0.000		0		0.000
Insta	llation	Sched	ule																											
			FY 2	2011			FY 20)12			FY 2	013			FY 20	014			FY 201	5		FY 2	2016			FY 2	017			-
	APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2 3	4	1	2	3	4	1	2	3	4	тс	Tot
	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0	(0 0	0	0	0	0	0	0	0	C
In	-														0	0	0	0	0	0 0		0 0								C

LI GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV) Army

UNCLASSIFIED
Page 12 of 15

Exhibit P-3A, Individual Modification: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 20

P-1 Line Item Nomenclature:

GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)

Modification Nomenclature (Modification Title, Modification Number): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons

Type Modification: Increase performance

Related RDT&E PEs:

Installation: M145 Machine Gun Optic	M	lethod of Impl	ementation	Installed by	Soldiers		Installa	tion Name:				
	Pric	r Years	FY 2	2011	FY 2	2012	FY 201	3 Base	FY 201	3 OCO	FY 201	3 Total
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total		0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

	FY:	2014	FY 2	015	FY 2	2016	FY 2	2017	To Co	mplete	To	tal
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

UNCLASSIFIED
Page 13 of 15

Date: February 2012 Exhibit P-3A, Individual Modification: PB 2013 Army Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Nomenclature: **Modification Nomenclature** 2033A / BA 2 / BSA 20 GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV) (Modification Title, Modification Number): Modifications Less Than \$5.0M - TBD Related RDT&E PEs: Models of Systems Affected: Small Arms Weapons Type Modification: Increase performance

Method of Implementation: Installed by Soldiers Installation: M145 Machine Gun Optic Installation Name:

Installation	Schedule
--------------	----------

- 12																																
				FY:	2011			FY 2	2012			FY 2	013			FY 2	2014			FY 2	015			FY 2	016			FY 2	2017			
		APY	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	тс	Tot
I	ln	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Out	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Installation: Sqaud Common Optic (SCO)	Me	thod of Impl	ementation:	Installed by	Soldiers		Installa	Installation Name:								
	Prior	Years	FY 2	2011	FY 2	012	FY 201	3 Base	FY 201	3 OCO	FY 2013 Total					
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)				
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000				

	FY 2	2014	FY 2	2015	FY 2	2016	FY 2	017	To Co	mplete	Total		
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
FY 2013	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
FY 2014	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
FY 2015	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
FY 2016	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	

UNCLASSIFIED

Exhibit P-3A, Individual Modification: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 2 / BSA 20	P-1 Line Item Nomenclature: GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)	Modification Nomenclature (Modification Title, Modification Number): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modification: Increase performance	Related RDT&E PEs:
--	---	--------------------

Installation: Sqaud Common Optic (SCO)	Me	thod of Impl	ementation:	Installed by	Soldiers		Installa	Installation Name:								
	FY	2014	FY 2	2015	FY 2	2016	FY 2	2017	То Со	mplete	Total					
Installation Cost	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)				
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	(0.000				
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	(0.000				
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	(0.000				

Installation Schedule

	APY 1 2 3 4 1 2 3							2012			FY 2	2013			FY 2	2014			FY 2	2015			FY 2	2016			FY 2	017				
	APY	1	2		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	TC	Tot
In	-	C		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	-	C		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GL3200 - Items Less Than \$5.0m (WOCV-WTCV)

Vehicles / BSA 30 : Support Equipment & Facilities

ID Code (A=Service Ready, B=Not Service Ready) : B		Progran	n Elements f	or Code B Ite	ems:	Other Related Program Elements:									
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total			
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-			
Gross/Weapon System Cost (\$ in Millions)	117.261	4.664	-	2.026	-	2.026	2.024	2.026	2.028	2.027	Continuing	Continuing			
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-			
Net Procurement (P1) (\$ in Millions)	117.261	4.664	-	2.026	-	2.026	2.024	2.026	2.028	2.027	Continuing	Continuing			
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-			
Total Obligation Authority (\$ in Millions)	117.261	4.664	-	2.026	-	2.026	2.024	2.026	2.028	2.027	Continuing	Continuing			
(The follo	wing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)						
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-			
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-			
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-			

Description:

Program provides for the procurement of small arms and auxiliary components such as combat optics, fire controls, suppressors, weapon mounts/platforms, and adaptors to meet urgent needs or initial buys. Weapons and auxiliary components procured under this budget activity in prior years consist of MK48 Machine Guns, M9 Pistol, M500 Mossberg Shotguns, M203A1 Grenade Launchers, M3 Multi-Role Anti-Armor Anti-Personnel Weapon System (MAAWS), and MP5KA Submachine Guns to include magazines, clamps, holsters, lanyards and cleaning kits. New Start for FY13 includes M9 General Officer (GO) Pistols.

Justification:

FY13 Base procurement dollars in the amount of \$2.026 million supports the Active Army by purchasing 100 M9 General Officer (GO) Pistols to replenish sidearms purchased by retiring General Officers. In addition, other weapons, auxiliary components and mounts will be procured to meet urgent material needs.

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

UNCLASSIFIED
Page 1 of 1

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

GC0050 - Production Base Support (WOCV-WTCV)

Vehicles / BSA 30 : Support Equipment & Facilities

ID Code (A=Service Ready, B=Not Service Ready) :		Prograr	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	ents:		
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	383.147	7.824	10.080	10.115	-	10.115	10.108	10.204	10.387	10.562	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	383.147	7.824	10.080	10.115	-	10.115	10.108	10.204	10.387	10.562	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	383.147	7.824	10.080	10.115	-	10.115	10.108	10.204	10.387	10.562	Continuing	Continuing
(The fo	llowing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Gross/Weapon System Unit Cost (\$ in Thousands)

This program provides funding to establish, modernize, expand or replace Army-owned industrial facilities and equipment used in production and production testing of Weapons and Tracked Combat Vehicles and their components. The program also provides for the preserving, storing and disposing of facilities and equipment that are either not required for current active production or are not needed by the Army. Provisioning of Industrial Facilities (PIF) occurs at Aberdeen Test Center, MD; White Sands Missile Range, NM; Yuma Proving Grounds, AZ; Rock Island Arsenal, IL; Watervliet Arsenal, NY; and General Dynamics-Armaments and Technical Products, Saco, ME. The Layaway of Industrial Facilities (LIF) funding support necessary or unique equipment at arsenals. This program also provides funding for the Arsenal Support Program Initiative (ASPI).

Sec	ondary Distribu	tion	F	Y 2011		FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity		-		-		-	-	-
	Total Obligation Au	ıthority	7.824		10.080		10.115	-	10.115
Project So	Project Schedule Prior Ye		ars FY 2011			FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total

Project Sche	ject Schedule		Prior Years	Prior Years FY 2011		FY 2012		FY 2013 Base	FY 2013 OCO	FY 2013 Total
Project	Exhibits	ID CD	Total Cost (\$ M)	Total Cost		Total Cost (\$ M)		Total Cost (\$ M)		
Production Support			0.000		7.290		9.525	9.538	0.000	9.538
GDLS			0.000		0.324		0.012	0.029	0.000	0.029
Hot & Cold Forge Femergency repairs and maintenance.	P25		-		0.324		0.012	0.029	-	0.029

UNCLASSIFIED
Page 1 of 7

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat

GC0050 - Production Base Support (WOCV-WTCV)

Vehicles / BSA 30 : Support Equipment & Facilities

ID Code (A=Service Ready, B=Not Service Ready):				ogram Elements for Code B	Items:	Other Related P	rogram Elements:	:					
Project Sch	edule		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total					
Project	Exhibits	ID CD	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)					
Rock Island Arsenal - JMTC			0.000	1.779	2.375	2.370	0.000	2.37					
Large Capacity Mills (Small Arms) and laboratory relocation	P25		-	1.779	2.375	2.370	-	2.37					
Watervliet Arsenal			0.000	1.738	2.375	2.370	0.000	2.37					
Machine Equipment installation with site preparation.	P25		-	1.738	2.375	2.370	-	2.37					
ATEC Test Range Instrumentation			0.000	3.449	4.763	4.769	0.000	4.76					
Instrumentation for production testing of WTCV systems.	P25		-	3.449	4.763	4.769	-	4.76					
(Uncategorized)			0.000	0.534	0.555	0.577	0.000	0.57					
Watervliet			0.000	0.534	0.555	0.577	0.000	0.57					
Layaway of Industrial Facilities (LIF)			-	0.534	0.555	0.577	-	0.57					
Total Gross/Weapon System Cost			0.000	7.824	10.080	10.115	0.000	10.11					

*For the P17 and P25, the Project column displays a three-level indentation: Project Category (e.g., Environmental), followed by the Facility, followed by the Project Name. Exhibits with no Project Category are included under the "Uncategorized" category. For the P26, the Project column displays a two-level indentation: Project Type (e.g., Inactive Plants, Inactive Lines at Contractor Plants and Inactive Lines at Active Plants), followed by the Facility. Note also that although all P17, P25 and P26 projects are shown in the project schedule, not all projects will have a corresponding exhibit. A P17 or P25 exhibit is only included if data beyond the Project Number, Project Title and Cost are included (for example; for the P17, Description, Manufacturer, etc.; for the P25, Narrative Explanation, Cost Elements, Principle Milestones, etc.), A P26 exhibit is only included if data beyond Project Type and Total Cost are included (for example, Description, Contractor, Maintenance/Recurring/Environmental/Other costs, etc.).

Justification:

FY13 Base procurement dollars in the amount of \$10.115 million support the PIF and LIF programs. The PIF funds support upgrade and replacement of technically or economically obsolete production test instrumentation to ensure that complete and accurate test data is collected and that safety and environmental hazards are minimized. Benefits of this effort include increased test efficiencies and decreased costs and risks to Army program managers. The PIF funding will also support the repair, upgrade or replacement of government-owned equipment used in the production of gun barrels for small caliber weapons such as the MK19 Grenade Machine Gun, the M2 Machine Gun and the M242 Bushmaster Chain Gun. PIF projects are essential in fulfilling current and projected Army requirements. Based on a fiveyear plan, the upgrade and modernization of facilities and equipment at Rock Island Arsenal is critical for the Army to meet both small and medium caliber weapon requirements supporting current and future peacetime requirments. Benefits of this effort include the ability to maintain lower unit costs for production items and the manufacture of lightweight, high-wear components. The Layaway of Industrial Facilities

> UNCLASSIFIED Page 2 of 7

UNCLA	SSIFIED
Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army	Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat Vehicles / BSA 30 : Support Equipment & Facilities	P-1 Line Item Nomenclature: GC0050 - Production Base Support (WOCV-WTCV)
ID Code (A=Service Ready, B=Not Service Ready): Program Elements for Code B Ite	ems: Other Related Program Elements:
needed. Economies are derived from this effort that benefit the entire Army. PIF funds directly support production of small caliber weapons systems, large caliber weapons systems supporting current and new manufacturing capabilities such as small arms spare parts and gages (e.g. 5 Gun, M14 EBR, M4/16 Rifle), larger manufacturing capabilities (Add-on Armor upgrades for HMMWV, M vehicles; and Shop Equipment Contact Maintenance vehicles) and the introduction of new technologies as titanium (Titanium Investment Casting) and composites (Add on Armor, Individual PPE). At Rock Isla placed upon the Warfighter by participating in ongoing initiatives to reduce the overall weight of major we of the weapons systems. Efforts are also underway to implement new technologies at RIA such as Frict as other services, new initiatives but also to support other Department of Defense requirements and leve suppliers worldwide. Significant advancements in the realm of composites have resulted in RIA's Composite at rapidly evolving insurgent devices and the subsequent need for armor advancements needed to coresponse manufacturing offers significant savings in time and money. In an effort to constantly improve of robotics and automation systems, material handling equipment and materials storage and retrieval system requirements. Rock Island Arsenal continues to maintain technologies such as a full service found requirements and to complement the capabilities of local private industry corporations through partnersh	(Friction Stir Welding) and testing capabilities to produce and fabricate new materials and alloys such and Arsenal (RIA) efforts are being made to support the Army's movement toward reducing the load eapons systems through utilization of our Titanium Investment Casting facility to cast major components tion Stir Welding that will allow RIA the capability to not only support Department of the Army, as well erage partnership programs in support of private industry to manufacture unique products with limited osite Armor Center being capable of supporting the needs of the Warfighter in the ongoing battle to do so. RIA's capability to utilize sophisticated software for reverse engineering coupled with rapid the efficiency at which RIA is able to operate, RIA is improving productivity through an increased use stems, and machining centers capable of seven(7)-axis articulation to significantly reduce machining ry, not available elsewhere throughout the Department of the Army, to support Department of the Army ip programs. Advantages subsequent to maintaining and upgrading this unique capability will ensure no eable cost savings for the Department of the Army. Replacing older equipment and continually investing a more profitable facility as the Department of Defense, Department of the Army, and private industry

P-1 Line #39

Appropriation / Budget Activity / Budget Sub Activity: 2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat Vehicles / BSA 30 : Support Equipment & Facilities Project Title: Hot & Cold Forge emergency repairs and maintenance. End Item Supported Model: Cost Elements (S in Millions) FY 2011 Base OCO FY 2013	Exhibit P-25, Production Sup	port and In	dustrial Fa	acilities Co	ost Analys	is: PB 20	013 Army Date: February 2012						
End Item Supported Model: Cost Elements	2033A: Procurement of W&TC	V, Army / B	BA 2 : Weap	•	ther Comb	oat							
Cost Elements	Project Title: Hot & Cold Forge	e emergenc	y repairs a	nd mainten	ance.		Project N	umber: U7668	Project Cate	gory: Prod	luction Sup	port	
Construction Cost FY 2011 FY 2012 Base OCO Total Facility Location: Saco, ME	End Item Supported Model:						,		Annual Capa	city Befor	e / After (1-8-5): /	
B. Equipment Cost 0.224 0.010 0.020 0.000 0.000 0.000 C. Equipment Installation Cost 0.100 0.002 0.009 0.000 0.000 D. Contractor Support Cost		FY 2011	FY 2012				, ,		·				
C. Equipment Installation Cost D. Contractor Support Cost E. Corps of Engineers Support Cost F. Other In-House Support Cost G. Other Costs Total Project Cost O.100 O.002 O.009 O.000 O.000 O.000 O.000 Concept Design Complete: Final Design Comple	A. Construction Cost	-	-	-	-	-	Facility Type (GOGO, GOCO, COCO): GOGO						
D. Contractor Support Cost E. Corps of Engineers Support Cost F. Other In-House Support Cost G. Other Costs Total Project Cost D. Contractor Support Cost	B. Equipment Cost	0.224	0.010	0.020	0.000	0.020	Principal Milestones Month & Year					ar	
E. Corps of Engineers Support Cost F. Other In-House Support Cost G. Other Costs Total Project Cost 0.324 0.012 0.029 1	C. Equipment Installation Cost	0.100	0.002	0.009	0.000	0.009	Concept Des	sign Complete:					
Construction Complete: F. Other In-House Support Cost G. Other Costs Total Project Cost 0.324 0.012 0.029 - 0.029 Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete: Related Projects	D. Contractor Support Cost	-	-	-	-	-		•					
F. Other In-House Support Cost G. Other Costs Total Project Cost 0.324 0.012 0.029 Equipment Installation Complete: Prove Out Begins: Prove Out Complete: Related Projects Related Projects	E. Corps of Engineers Support Cost	-	-	-	-	-							
G. Other Costs	F. Other In-House Support Cost	-	-	-	-	-							
Related Projects	G. Other Costs	_	-	-	-	-							
Related Projects	Total Project Cost	0.324	0.012	0.029	-	0.029	Prove Out C	omplete:					
Project Value Con	•								Related	Projects			
, talue							Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date

Narrative Explanation:

Hot and cold forge emergency repairs and maintenance to prevent failure and excessive down time of unique forges.

Exhibit P-25, Production Sup	port and In	dustrial Fa	acilities Co	ost Analys	is: PB 20	13 Army		Date: February 2012			
Appropriation / Budget Activi 2033A : Procurement of W&TC Vehicles / BSA 30 : Support Eq	A 2 : Weap	-	ther Comb	at	P-1 Line Item Nomenclature: GC0050 - Production Base Support (WOCV-WTCV)						
Project Title: Large Capacity M	fills (Small	Arms) and	laboratory	relocation		Project Number: U7669	Project Cate	gory: Production Support			
End Item Supported Model:						Annual Capacity Before / After (1-8-5): /					
Cost Elements (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Facility Name: Rock Island Arsenal - JMTC Facility Location: Rock Island, IL					
A. Construction Cost	-	-	-	-	-	Facility Type (GOGO, GOCO, Co	OCO) : GOGO				
B. Equipment Cost	1.000	1.500	1.500	0.000	1.500	Principal Milestones		Month & Year			
C. Equipment Installation Cost	0.779	0.875	0.870	0.000	0.870	Concept Design Complete:					
D. Contractor Support Cost	-	-	-	-	-	Final Design Complete:					
E. Corps of Engineers Support Cost	-	-	-	-	-	Initial/Final Project Award: Construction Complete:					
F. Other In-House Support Cost	-	-	-	-	-	Equipment Installation Complete:					
G. Other Costs	-	-	-	-	-	Prove Out Begins:					
Total Project Cost	1.779	2.375	2.370	-	2.370	Prove Out Complete:					

Project

Number

Title

Narrative Explanation:

Machinery equipment and laboratory move for health, safety and environmental reasons.

Related Projects

FY & Appn

Value

(\$ M)

Facing

Start Date

Compl

Date

Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB	2013 Army	Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 2033A: Procurement of W&TCV, Army / BA 2: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities	P-1 Line Item Nomenclature: GC0050 - Production Base Support (WOCV-WTCV)					
Project Title: Machine Equipment installation with site preparation.	Project Number: U7670	Project Category: Production Support				
End Item Supported Model:	Annual Capacity Before / After (1-8-5): /					

• •						
Cost Elements (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Facility Name: Watervliet Arsenal Facility Location: Watervliet, NY
A. Construction Cost	-	-	-	-	-	Facility Type (GOGO, GOCO, COCO): COCO
B. Equipment Cost	1.300	1.500	1.500	0.000	1.500	Principal Milestones Month & Year
C. Equipment Installation Cost	0.438	0.875	0.870	0.000	0.870	Concept Design Complete:
D. Contractor Support Cost	-	-	-	-	-	Final Design Complete:
E. Corps of Engineers Support Cost	-	-	-	-	-	Initial/Final Project Award: Construction Complete:
F. Other In-House Support Cost	-	-	-	-	-	Equipment Installation Complete:
G. Other Costs	_	-	-	-	-	Prove Out Begins:
Total Project Cost	1.738	2.375	2.370	-	2.370	Prove Out Complete:
<u> </u>						Related Projects

	Related Projects												
Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date							

Narrative Explanation:

 $\label{eq:machine equipment installation with associated site preparation activities. \\$

Exhibit P-25, Production Sup	port and In	dustrial Fa	acilities Co	ost Analys	is: PB 20	13 Army			Date: Fel	oruary 201	2	
Appropriation / Budget Activ 2033A : Procurement of W&TC Vehicles / BSA 30 : Support Ec	V, Army / B	A 2 : Weap		ther Comb	at	P-1 Line Item Nomenclature: GC0050 - Production Base Support (WOCV-WTCV)						
Project Title: Instrumentation f	or production	on testing o	of WTCV sy	stems.		Project Nu	umber: GC2001	Project Categ	gory: Prod	duction Su	pport	
End Item Supported Model: A	II WTCV Sy	/stems				J		Annual Capa	city Befo	re / After (1-8-5): /	
Cost Elements (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total		ne: ATEC Test Range ation: Yuma, AZ; Abe		Sands, NM			
A. Construction Cost	-	-	-	-	-	Facility Type (GOGO, GOCO, COCO): GOGO						
B. Equipment Cost	3.449	4.763	4.769	0.000	4.769	Principal Milestones					ar	
C. Equipment Installation Cost	-	-	-	-	-	Concept Des	sign Complete:					
D. Contractor Support Cost	-	-	-	-	-	Final Design	•					
E. Corps of Engineers Support Cost	-	-	-	-	-		roject Award:			Oct 2012 / N	Mar 2013	
F. Other In-House Support Cost	-	-	-	-	-	Construction Equipment Ir	nstallation Complete:			Oct 2013		
G. Other Costs	_	_	_	_	_	Prove Out Be	•			Oct 2013		
Total Project Cost	3.449	4.763	4.769	-	4.769	Prove Out Co	omplete:			Dec 2013		
				l		Related Projects						
						Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date
								1	<u> </u>			

Narrative Explanation:

Funds will be used to upgrade or replace production test instrumentation and equipment at Aberdeen Test Center (ATC), Aberdeen Proving Ground, MD; White Sands Test Center (WSTC), White Sands Missile Range, NM and Yuma Test Center (YTC), Yuma Proving Ground, AZ. At ATC, procures software programs, ruggedized laptops, instrumentation, and hardware that can be utilized to capture and analyze Reliability, Availability and Maintainability (RAM) data; vehicle data communication interfaces and advanced sensors for automotive performance and endurance testing; replacement/upgrade of video cameras, video recorders, digital video tracking systems and telemetry systems used to assess fire control system performance; upgrade of mobile dynamometer control systems used for powertrain, winch and fuel consumption testing; and instrumentation for laboratory testing of vehicle engines, powertrains and power storage devices. At WSTC, procures badly needed upgrades to aged Nuclear Effects, Directed Energy, High Power Electromagnetic Pulse and Lightning effects simulators used to test weapon system survivability. At YTC, procures a high speed digital imaging camera for vehicle fire control testing that will follow a direct fire projectile flight path in lieu of using many cameras lined along the flight path; on-board data acquisition and recording equipment for collecting vehicle performance data in harsh desert environments and upgrade of worn out Global Positioning System based surveying equipment used for test site location. The majority of the instrumentation being upgraded or replaced is obsolete and has met or exceeded its economic life. This instrumentation, required to ensure complete and accurate test data, is collected and safety and environmental hazards are minimized.

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GC0075 - Industrial Preparedness

Vehicles / BSA 30 : Support Equipment & Facilities

ID Code (A=Service Ready, B=Not Service Ready):		Progran	n Elements f	or Code B Ite	ems:		Oth	er Related P	rogram Elem	ents:		
	Prior			FY 2013	FY 2013	FY 2013					То	
Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	118.916	0.405	0.424	0.442	-	0.442	0.459	0.419	0.308	0.313	0.000	121.686
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	118.916	0.405	0.424	0.442	-	0.442	0.459	0.419	0.308	0.313	0.000	121.686
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	118.916	0.405	0.424	0.442	-	0.442	0.459	0.419	0.308	0.313	0.000	121.686
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Flyaway Unit Cost (\$ in Thousands)

Gross/Weapon System Unit Cost (\$ in Thousands)

This program provides for Maintenance of Laid-away Industrial Facilities (MLIF), the maintenance of laid away portions of active weapons production plants, and the storage, protection, and maintenance of laid away Government-owned equipment being stored on-site at Government-owned plants. The funding represents the storage costs for laid away production items from Watervliet Arsenal and Rock Island Arsenal. The funds also pay for storage, facilities/equipment maintenance, and inspectio of Industrial Plant Equipment (IPE), laid away machine tools, gauges, special measuring equipment, tooling and fixturing stored at Watervliet Arsenal and Rock Island Arsenal.

Justification:

FY13 Base procurement dollars in the amount of \$.442 million support the maintenance of laid-away weapons production facilities to include utilities, buildings, non-severable equipment, plant equipment, special tooling, special test equipment, and partial layaway of manufacturing equipment (machine tools and tooling) unique to towed artillery systems being retained as part of approved Army Reserve Plants, which are required to support future production and replenishment requirements. Funds are used to perform periodic inspection and maintenance of the laid away equipment to prevent this unique equipment from deteriorating and jeopardizing planned reactivation capabilities and timelines. This program also include recurring overhead costs associated with the laid away facilities and equipment such as roads and grounds maintenance, fire protection, plant security, and administrative supports. Funding supports Active Component.

"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".

UNCLASSIFIED
Page 1 of 1

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army

Date: February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A : Procurement of W&TCV, Army / BA 2 : Weapons and Other Combat

GC0076 - Small Arms Equipment (Soldier Enh Prog)

Vehicles / BSA 30 : Support Equipment & Facilities

ID Code (A=Service Ready, B=Not Service Ready) :	Progran	m Elements f	or Code B It	0	Other Related Program Elements:					
	Prior			FY 2013	FY 2013	FY 2013				
D	V	EV 0044	EV 0040	D	000	T-4-1	EV 004	EV OO4E	EV 0040	EV 004

Resource Summary	Years	FY 2011	FY 2012	Base	oco	Total	FY 2014	FY 2015	FY 2016	FY 2017	Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	97.556	4.018	2.453	2.378	-	2.378	2.482	2.444	2.530	2.572	0.000	116.433
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	97.556	4.018	2.453	2.378	-	2.378	2.482	2.444	2.530	2.572	0.000	116.433
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	97.556	4.018	2.453	2.378	-	2.378	2.482	2.444	2.530	2.572	0.000	116.433
(The fo	lowing Resource	Summary rows	are for informa	tional purposes	only. The corre	esponding budg	et requests are	documented el	sewhere.)			

(The follow	(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)	-	-	-	-	-	-	-	-	-	-	-	-			

Description:

This Soldier Enhancement Program (SEP) provides ancillary small arms equipment to the Soldier. The purpose of SEP is to identify and evaluate commercially available individual weapons, munitions, Soldier equipment and accessories, etc., which can be adopted and provided to Soldiers in three years or less. The nature of the items determines the acquisition strategy, market survey, candidate evaluation and down select method, scope of testing, adoption decision and fielding process. Each year up to 30 proposals are received and reviewed for suitable solutions to keep up with ever-changing technologies and new and improved ways to equip and maintain our Soldiers. Proposals that match up with user capability gaps presented at the semi-annual Program Executive Office (PEO) Soldier/Training and Doctrine Command (TRADOC) SEP reviews, compete for funding in the upcoming fiscal year. The Advanced Sniper Accessory Kit (ASAK) to include; the sniper collimator, sniper quick fire sight, and Sniper Mirage Mitigating Device (SMMD).

Justification:

FY2013 base procurement dollars in the amount of \$2.378 million supports the Active Army and will procure 558 upgrades in the Advanced Sniper Accessory Kit (ASAK). The ASAK provides equipment for precise range-to-target determination, on-demand firing solutions, and increased 1st round hit probability. The ASAK equipment also facilitates the sniper team's ability to operate effectively in all mission environments across the full spectrum of warfare in all climatic and geographic conditions and increases the team's camouflage capability and survivability.

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

UNCLASSIFIED
Page 1 of 1

To

Exhibit P-40, Budget Item Justification Sheet: PB 2013 Army **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Nomenclature:

2033A: Procurement of W&TCV, Army / BA 3: Spare and Repair Parts / BSA 10:

GE0150 - Spares And Repair Parts (WTCV)

Spares

ID Code (A=Service Ready, B=Not Service Ready) :		Prograi	m Elements f	or Code B Ite	ems:		Oth	Other Related Program Elements: 0211702A, 0211705A						
Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total		FY 2015	FY 2016	FY 2017	To Complete	Total		
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-		
Gross/Weapon System Cost (\$ in Millions)	366.548	-	106.843	31.217	-	31.217	-	-	-	-	0.000	504.608		
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-		
Net Procurement (P1) (\$ in Millions)	366.548	-	106.843	31.217	-	31.217	-	-	-	-	0.000	504.608		
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-		
Total Obligation Authority (\$ in Millions)	366.548	_	106.843	31.217	_	31.217	_	_	_	_	0.000	504.608		

(The follo	(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)	-	-	-	-	-	-	-	-	-	-	-	-			

Description:

This program provides for the procurement of spares to support initial fielding of new or modified end items.

Seco	ondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active	Quantity	-	-	-	-	-
	Total Obligation Authority	-	61.016	13.994	-	13.994
Army National Guard	Quantity	-	-	-	-	-
	Total Obligation Authority	-	17.932	12.917	-	12.917
Army Reserve	Quantity	-	-	-	-	-
	Total Obligation Authority	-	27.895	4.306	-	4.306

Item Sche	edule		P	Prior Year	rs	FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost
*** (See enclosed P-40A)	P40A				0.000			0.000			106.843			31.217			0.000			31.217
Total Gross/Weapon System Cost					366.548			-			106.843			31.217			-			31.217

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

Justification:

UNCLASSIFIED Page 1 of 3

317

	UNCLA	ASSIFIED		
Exhibit P-40, Budget Item Justification She	et: PB 2013 Army		Date: February 2012	
Appropriation / Budget Activity / Budget St 2033A : Procurement of W&TCV, Army / BA 3 Spares		P-1 Line Item No GE0150 - Spares	lomenclature: es And Repair Parts (WTCV)	
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B	tems:	Other Related Program Elements: 0211702A, 0211705A	
FY13 Base procurement dollars in the amount of \$31.2	17 million support procurement of Initial Spares	and Wholesale Pipline	e fill to support Stryker FY13 vehicle purchase.	\neg
·	al Defense Authorization Act (P.L. 110-181), this	•	use by the active and reserve components of the Armed Forces for homeland	

LI GE0150 - Spares And Repair Parts (WTCV) Army

UNCLASSIFIED Page 2 of 3

P-1 Line #42

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Army

Appropriation / Budget Activity / Budget Sub Activity:

2033A / BA 3 / BSA 10

Date: February 2012

Aggregated Item Name:

Various

		All Prior Years FY 2011					FY 2012 FY 2013 Base					ı	FY 2013 OCO)	FY 2013 Total				
Items († indicates the presence of a P-5A)	ID CD	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)	Unit Cost	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
GE0161 - SPARES (INITIAL) ABRAMS UPGRADE		-	-	-	-	-	-	-	-	7.219	-	-	-	-	-	-	-	-	-
GE0180 - SPARES (INITIAL) STRYKER		-	-	-	-	-	-	-	-	99.624	-	-	31.217	-	-	-	-	-	31.217
Uncategorized Subtotal				0.000			0.000			106.843			31.217			0.000			31.217
Total				0.000			0.000			106.843			31.217			0.000			31.217

Remarks: