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

February 2012



Army

Justification Book

Procurement of W&TCV, Army

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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

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DEPARTMENT OF THE ARMY
FY 2013 PROCUREMENT PROGRAM (WORKSETS INCLUDED)
President's Budget 2013

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

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APPROPRIATION SUMMARY

APPROPRIATION

Procurement of W&TCV, Army

TOTAL PROCUREMENT PROGRAM

DOLLARS IN THOUSANDS

<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2013 OCO</u>	<u>FY2013 Total</u>
3,017,922	2,107,522	1,501,706	15,422	1,517,128
3,017,922	2,107,522	1,501,706	15,422	1,517,128

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APPROPRIATION Procurement of W&TCV, Army

DOLLARS IN THOUSANDS

ACTIVITY		FY2011	FY2012	FY2013	FY2013 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	

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APPROPRIATION Procurement of W&TCV, Army		ACTIVITY 01 Tracked combat vehicles	DOLLARS IN THOUSANDS									
LINE NO	ITEM NOMENCLATURE	ID	FY 2011		FY 2012		FY 2013		FY 2013 OCO		FY 2013 TOTAL	
			QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
<i>Tracked Combat Vehicles</i>												
1	Stryker Vehicle (G85100)		292	1,386,014	100	606,894	58	286,818			58	286,818
2	FCS SPIN OUTS (G86200)											
	<i>SUB-ACTIVITY TOTAL</i>			<u>1,386,014</u>		<u>606,894</u>		<u>286,818</u>				<u>286,818</u>
<i>Modification Of Tracked Combat Vehicles</i>												
3	Stryker (Mod) (GM0100)	A		84,573		51,497		60,881				60,881
4	FIST Vehicle (Mod) (GZ2300)			30,908		35,082		57,257				57,257
5	Bradley Program (MOD) (GZ2400)	A		202,987		250,710		148,193				148,193
6	Howitzer, Med Sp Ft 155MM M109A6 (MOD) (GA0400)	A		5,244		46,876		10,341				10,341
7	Paladin PIM Mod In Service (GZ0410)	A					17	206,101			17	206,101
8	Improved Recovery Vehicle (M88A2 HERCULES) (GA0570)	A	29	120,218		7,452	31	107,909			31	107,909
9	Assault Breacher Vehicle (G82925)	A	19	77,492	18	97,004	10	50,039			10	50,039
10	M88 FOV MODS (G80571)	A		9,105		32,483		29,930				29,930
11	M1 Abrams Tank (MOD) (GA0700)	A		229,612		131,178		129,090				129,090
12	Abrams Upgrade Program (GA0750)	A	21	181,973	63	436,329		74,433				74,433
	<i>SUB-ACTIVITY TOTAL</i>			<u>942,112</u>		<u>1,088,611</u>		<u>874,174</u>				<u>874,174</u>
<i>Support Equipment and Facilities</i>												
13	Production Base Support (TCV-WTCV) (GA0050)			3,126		1,073		1,145				1,145
	<i>SUB-ACTIVITY TOTAL</i>			<u>3,126</u>		<u>1,073</u>		<u>1,145</u>				<u>1,145</u>

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APPROPRIATION Procurement of W&TCV, Army

ACTIVITY 01 Tracked combat vehicles

DOLLARS IN THOUSANDS

LINE NO	ITEM NOMENCLATURE	ID	FY 2011		FY 2012		FY 2013		FY 2013 OCO		FY 2013 TOTAL	
			QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
	ACTIVITY TOTAL			2,331,252		1,696,578		1,162,137				1,162,137

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APPROPRIATION Procurement of W&TCV, Army		ACTIVITY 02 Weapons and other combat vehicles	DOLLARS IN THOUSANDS									
LINE NO	ITEM NOMENCLATURE	ID	FY 2011		FY 2012		FY 2013		FY 2013 OCO		FY 2013 TOTAL	
			QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
<i>Weapons and Other Combat Vehicles</i>												
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)	A		79,496		31,102						
17	Lightweight .50 Caliber Machine Gun (G12800)	A			285	19,357	610	25,183			610	25,183
18	MK-19 Grenade Machine Gun (40mm) (G13400)	A	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)	A	844	18,429								
23	M4 Carbine (G14904)	A	11,494	20,066	12,000	21,700						
24	Carbine (G13501)	A					12,000	21,272			12,000	21,272
25	Shotgun, Modular Accessory System (MASS) (G18300)	A	2,401	7,112	2,244	6,707	2,107	6,598			2,107	6,598
26	Common Remotely Operated Weapons Station (CROWS) (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
	<i>SUB-ACTIVITY TOTAL</i>			<u>436,411</u>		<u>129,054</u>		<u>146,311</u>				<u>146,311</u>
<i>Modification Of Weapons and Other Combat Vehicles</i>												
28	MK-19 Grenade Machine Gun MODS (GB3000)			2,968								
29	M777 Mods (GZ1700)	A						26,843				26,843

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APPROPRIATION Procurement of W&TCV, Army		ACTIVITY 02 Weapons and other combat vehicles	DOLLARS IN THOUSANDS									
LINE NO	ITEM NOMENCLATURE	ID	FY 2011		FY 2012		FY 2013		FY 2013 OCO		FY 2013 TOTAL	
			QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
30	M4 Carbine Mods (GB3007)	A		56,864		41,892		27,243				27,243
31	M2 50 Cal Machine Gun MODS (GB4000)	B		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)	A		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)	A		3,832		3,476		3,306		15,422		18,728
37	Modifications Less Than \$5.0m (WOCV-WTCV) (GC0925)			6,048		2,973		3,072				3,072
	<i>SUB-ACTIVITY TOTAL</i>			<u>233,348</u>		<u>162,090</u>		<u>147,080</u>		<u>15,422</u>		<u>162,502</u>
	<i>Support Equipment and Facilities</i>											
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
	<i>SUB-ACTIVITY TOTAL</i>			<u>16,911</u>		<u>12,957</u>		<u>14,961</u>				<u>14,961</u>
	ACTIVITY TOTAL			<u>686,670</u>		<u>304,101</u>		<u>308,352</u>		<u>15,422</u>		<u>323,774</u>

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APPROPRIATION Procurement of W&TCV, Army

ACTIVITY 03 Spare and repair parts

DOLLARS IN THOUSANDS

LINE NO	ITEM NOMENCLATURE	ID	FY 2011		FY 2012		FY 2013		FY 2013 OCO		FY 2013 TOTAL	
			QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
	<i>Spares and Repair Parts</i>											
42	Spares And Repair Parts (WTCV) (GE0150)					106,843				31,217		31,217
	<i>SUB-ACTIVITY TOTAL</i>					<u>106,843</u>				<u>31,217</u>		<u>31,217</u>
	ACTIVITY TOTAL			<u>0</u>		<u>106,843</u>				<u>31,217</u>		<u>31,217</u>
	APPROPRIATION TOTAL			<u>3,017,922</u>		<u>2,107,522</u>				<u>1,501,706</u>	<u>15,422</u>	<u>1,517,128</u>

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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
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Appropriation 2033A: Procurement of W&TCV, Army

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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

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Appropriation 2033A: Procurement of W&TCV, Army

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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.....	272
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

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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

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
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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

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
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Spares And Repair Parts (WTCV)	GE0150	42	03	10.....	317
Stryker (Mod)	GM0100	3	01	20.....	11
Stryker Vehicle	G85100	1	01	10.....	1
XM320 Grenade Launcher Module (GLM)	G01501	21	02	10.....	156

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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 1 : Tracked Combat Vehicles / BSA 10 : Tracked Combat Vehicles	P-1 Line Item Nomenclature: G85100 - Stryker Vehicle
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)	-	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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	4,746.623	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.

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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 1 : Tracked Combat Vehicles / BSA
10 : Tracked Combat Vehicles

P-1 Line Item Nomenclature:
G85100 - Stryker Vehicle

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

Secondary 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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G85100 - Stryker Vehicle	P5, P5A, P21	A	-	-	-	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 P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:
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 (BI), 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.

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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		

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	292	100	58	-	58
Gross/Weapon System Cost (\$ in Millions)		-	1,386.014	606.894	286.818	-	286.818
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	1,386.014	606.894	286.818	-	286.818
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	1,386.014	606.894	286.818	-	286.818

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

Initial Spares (\$ in Millions)		-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)		-	4,746.623	6,068.940	4,945.138	-	4,945.138

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Infantry Carrier Vehicle (ICV)		-	-	-	2,108.000	171	360.464	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Reconnaissance Vehicle (RV)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Anti-Tank Guided Missile Vehicle (ATGM)		-	-	-	4,100.000	9	36.901	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Mortar Carrier (MC)		-	-	-	2,383.000	37	88.157	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Fire Support Vehicle (FSV)		-	-	-	1,984.000	21	41.674	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Engineer Squad Vehicle (ESV)		-	-	-	3,162.000	8	25.296	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Commander's Vehicle (CV)		-	-	-	2,202.000	33	72.673	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Medical Evacuation Vehicle (MEV)		-	-	-	2,128.000	13	27.666	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† NBC Reconnaissance Vehicle (NBCRV)		-	-	-	-	-	0.000	3,036.000	100	303.587	2,929.000	58	169.890	-	-	0.000	2,929.000	58	169.890
NBC RV Sensor Suite		-	-	-	-	-	0.000	-	-	45.558	-	-	0.000	-	-	-	-	-	0.000
Mobile Gun System (MGS)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Surv Enhancement (SRAT/DEK/SLAT/CBS/HPK)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000

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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						

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

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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:						
Secondary 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

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Army **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 10	P-1 Line Item Nomenclature: G85100 - Stryker Vehicle	Item Nomenclature: G85100 - Stryker Vehicle
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†Infantry Carrier Vehicle (ICV)		2011	GM GDLS Defense Group 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.

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Exhibit P-21, Budget Production Schedule: PB 2013 Army **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 10 **P-1 Line Item Nomenclature:** G85100 - Stryker Vehicle **Item Nomenclature:** G85100 - Stryker Vehicle

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2012															Fiscal Year 2013															
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP T O 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012															Calendar Year 2013													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				
Infantry Carrier Vehicle (ICV)																																			
1		2011	ARMY	171	0	171	A	-	-	-	-	-	-	8	25	32	29	22	12	22	17	4													
Anti-Tank Guided Missile Vehicle (ATGM)																																			
2		2011	ARMY	9	0	9	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5						
Mortar Carrier (MC)																																			
3		2011	ARMY	37	0	37	A	-	-	-	-	-	-	-	-	-	-	-	6	4	9	9	9												
Fire Support Vehicle (FSV)																																			
4		2011	ARMY	21	0	21	A	-	-	-	-	-	-	-	-	4	3	-	-	5	9														
Engineer Squad Vehicle (ESV)																																			
5		2011	ARMY	8	0	8	A	-	-	-	-	-	-	-	-	5	-	-	2	1															
Commander's Vehicle (CV)																																			
6		2011	ARMY	33	0	33	A	-	-	-	-	-	-	-	-	6	6	6	6	3	6														
Medical Evacuation Vehicle (MEV)																																			
7		2011	ARMY	13	0	13	A	-	-	-	-	-	-	-	3	-	-	-	-	7	3														
NBC Reconnaissance Vehicle (NBCRV)																																			
8		2012	ARMY	100	0	100	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	6	10	10	10	60				
8		2013	ARMY ⁽¹⁾	58	0	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	58					
							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					

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Exhibit P-21, Budget Production Schedule: PB 2013 Army **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 10 **P-1 Line Item Nomenclature:** G85100 - Stryker Vehicle **Item Nomenclature:** G85100 - Stryker Vehicle

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014											Fiscal Year 2015												
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014											Calendar Year 2015												
							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
Infantry Carrier Vehicle (ICV)																														
1		2011	ARMY	171	171	0																								
Anti-Tank Guided Missile Vehicle (ATGM)																														
2		2011	ARMY	9	9	0																								
Mortar Carrier (MC)																														
3		2011	ARMY	37	37	0																								
Fire Support Vehicle (FSV)																														
4		2011	ARMY	21	21	0																								
Engineer Squad Vehicle (ESV)																														
5		2011	ARMY	8	8	0																								
Commander's Vehicle (CV)																														
6		2011	ARMY	33	33	0																								
Medical Evacuation Vehicle (MEV)																														
7		2011	ARMY	13	13	0																								
NBC Reconnaissance Vehicle (NBCRV)																														
8		2012	ARMY	100	40	60	10	10	10	10	10	10																		
8		2013	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 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

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Exhibit P-21, Budget Production Schedule: PB 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 10	P-1 Line Item Nomenclature: G85100 - Stryker Vehicle	Item Nomenclature: G85100 - Stryker Vehicle

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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.
 ‡ 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

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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 1 : Tracked Combat Vehicles / BSA 10 : Tracked Combat Vehicles	P-1 Line Item Nomenclature: G86200 - FCS SPIN OUTS
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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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 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:

Procurement of long lead hardware for NLOS-LS, SUGV Block 1, U-UGS, T-UGS, ICS B-Kit, and Antenna B-Kit.

Justification:

FY13 has no funding.

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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 1 : Tracked Combat Vehicles / BSA
20 : Modification Of Tracked Combat Vehicles

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

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** 0603653A **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)	-	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 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:

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 Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
STRYKER MODIFICATION -0	P3A		-	-	61.482	-	-	71.575	-	-	76.718	-	-	77.422	-	-	466.066	-	-	950.214
Total Gross/Weapon System Cost					61.482			71.575			76.718			77.422			466.066			950.214

*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:

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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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles		P-1 Line Item Nomenclature: GM0100 - Stryker (Mod)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0603653A	Other Related Program Elements:
<p>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 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). This funding also supports the purchase and installation of hardware to support the requirement for a new 91S Stryker Vehicle Maintainer Training Course.</p> <p>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.</p>		

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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: GM0100 - Stryker (Mod)				Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0				

Models of Systems Affected: VARIOUS			Type Modification: 0				Related 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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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.

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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: GM0100 - Stryker (Mod)						Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0			
Models of Systems Affected: VARIOUS				Type Modification: 0				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
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	0.676	
Hardware	0	0.000	700	19.059	350	9.732	350	9.897	0	0.000	350	9.897	
<i>Subtotal Recurring</i>		0.000		19.713		10.397		10.573		0.000		10.573	
NonRecurring													
Non-Recurring	0	0.000	0	0.190	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal NonRecurring</i>		0.000		0.190		0.000		0.000		0.000		0.000	
<i>Total, Video Display Electronic Terminal (VDET)</i>	0	0.000	700	19.903	350	10.397	350	10.573	0	0.000	350	10.573	
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	4.055	
Hardware	0	0.000	1,056	7.902	122	1.495	662	6.640	0	0.000	662	6.640	
Test Support	0	0.000	0	0.000	0	4.676	0	4.180	0	0.000	0	4.180	
<i>Subtotal Recurring</i>		0.000		8.556		8.164		14.875		0.000		14.875	
NonRecurring													
Nonrecurring - Dev. Eng, Prototypes	0	0.000	0	0.000	0	1.262	0	5.700	0	0.000	0	5.700	
<i>Subtotal NonRecurring</i>		0.000		0.000		1.262		5.700		0.000		5.700	
<i>Total, C4I Obsolescence and Next Generation Items</i>	0	0.000	1,056	8.556	122	9.426	662	20.575	0	0.000	662	20.575	
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	0.000	
<i>Subtotal Recurring</i>		0.000		3.932		0.000		0.000		0.000		0.000	
<i>Total, Mobile Gun System (MGS) Deficiencies</i>	0	0.000	84	3.932	0	0.000	0	0.000	0	0.000	0	0.000	

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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: GM0100 - Stryker (Mod)					Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0			
Models of Systems Affected: VARIOUS					Type Modification: 0					Related RDT&E PEs:			
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)	
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	0.000	
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
<i>Total, Targeting Under Armor</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Block Mod Retrofit ⁽⁵⁾													
A Kits													
Recurring													
Hardware	0	0.000	664	50.283	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		50.283		0.000		0.000		0.000		0.000	
<i>Total, Block Mod Retrofit</i>	0	0.000	664	50.283	0	0.000	0	0.000	0	0.000	0	0.000	
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	25.313	
Life Cycle Management Plan	0	0.000	0	0.000	0	7.866	0	3.280	0	0.000	0	3.280	
<i>Subtotal Recurring</i>		0.000		0.000		31.102		28.593		0.000		28.593	
<i>Total, Training Aids, Devices, Simulators and Simulations</i>	0	0.000	0	0.000	22	31.102	22	28.593	0	0.000	22	28.593	
Total, All Modifications		0.000		82.674		50.925		59.741		0.000		59.741	
<i>Procurement Cost (Procurement + Support)</i>		0.000		82.674		50.925		59.741		0.000		59.741	
<i>Total Installation Cost</i>		0.000		1.899		0.572		1.140		0.000		1.140	
Total Cost (Procurement + Support + Installation)		0.000		84.573		51.497		60.881		0.000		60.881	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													

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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: GM0100 - Stryker (Mod)					Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0			
Models of Systems Affected: VARIOUS			Type Modification: 0				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	7.832
Hardware	350	10.066	350	10.237	350	10.411	350	10.588	2,308	72.672	5,108	152.662
<i>Subtotal Recurring</i>		10.753		10.936		11.122		11.311		75.689		160.494
NonRecurring												
Non-Recurring	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.190
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		0.190
<i>Total, Video Display Electronic Terminal (VDET)</i>	350	10.753	350	10.936	350	11.122	350	11.311	2,308	75.689	5,108	160.684
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	26.722
Hardware	886	1.524	281	17.652	327	22.502	662	32.862	4,333	162.622	8,329	253.199
Test Support	0	1.002	0	0.000	0	0.000	0	0.000	0	0.000	0	9.858
<i>Subtotal Recurring</i>		5.964		20.448		26.056		36.477		169.239		289.779
NonRecurring												
Nonrecurring - Dev. Eng, Prototypes	0	10.427	0	0.000	0	0.000	0	0.000	0	0.000	0	17.389
<i>Subtotal NonRecurring</i>		10.427		0.000		0.000		0.000		0.000		17.389
<i>Total, C4I Obsolescence and Next Generation Items</i>	886	16.391	281	20.448	327	26.056	662	36.477	4,333	169.239	8,329	307.168
Mobile Gun System (MGS) Deficiencies ⁽³⁾												
A Kits												
Recurring												
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	84	3.932
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		3.932
<i>Total, Mobile Gun System (MGS) Deficiencies</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	84	3.932
Targeting Under Armor ⁽⁴⁾												

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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: GM0100 - Stryker (Mod)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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
<i>Subtotal Recurring</i>		23.137		30.427		31.887		22.605		0.000		108.056
<i>Total, Targeting Under Armor</i>	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
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		50.283
<i>Total, Block Mod Retrofit</i>	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
<i>Subtotal Recurring</i>		10.206		8.999		6.481		5.361		207.753		298.495
<i>Total, Training Aids, Devices, Simulators and Simulations</i>	0	10.206	0	8.999	0	6.481	0	5.361	0	207.753	44	298.495
<i>Total, All Modifications</i>		60.487		70.810		75.546		75.754		452.681		928.618
<i>Procurement Cost (Procurement + Support)</i>		60.487		70.810		75.546		75.754		452.681		928.618
<i>Total Installation Cost</i>		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:

⁽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.

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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: GM0100 - Stryker (Mod)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:
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- ⁽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.
- ⁽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.
- ⁽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 Information: Video Display Electronic Terminal (VDET)

Manufacturer Name: GM GDLS Defense Group, L.L.C				Manufacturer Location: Sterling Heights, Michigan			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 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 Information: C4I Obsolescence and Next Generation Items

Manufacturer Name: GM GDLS Defense Group, L.L.C.				Manufacturer Location: Sterling Heights, Michigan			
Administrative Leadtime (<i>in Months</i>): 1				Production Leadtime (<i>in Months</i>): 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 Information: Mobile Gun System (MGS) Deficiencies

Manufacturer Name: GM GDLS Defense Group, L.L.C.				Manufacturer Location: Sterling Heights, Michigan			
Administrative Leadtime (<i>in Months</i>): 2				Production Leadtime (<i>in Months</i>): 7			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2010						
Delivery Dates	Jun 2011						

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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: GM0100 - Stryker (Mod)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:
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Manufacturer Information: Targeting Under Armor

Manufacturer Name: GDLS Defense Group, L.L.C.	Manufacturer Location: Sterling Heights, Michigan
Administrative Leadtime (<i>in Months</i>): 1	Production Leadtime (<i>in Months</i>): 7

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates				Oct 2014	Oct 2015	Oct 2016	Oct 2016
Delivery Dates				May 2015	May 2016	May 2017	May 2017

Manufacturer Information: Block Mod Retrofit

Manufacturer Name: GM GDLS Defense Group, L.L.C.	Manufacturer Location: Sterling Heights, Michigan
Administrative Leadtime (<i>in Months</i>): 2	Production Leadtime (<i>in Months</i>): 6

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Nov 2011						
Delivery Dates	May 2012						

Manufacturer Information: Training Aids, Devices, Simulators and Simulations

Manufacturer Name: Rockwell Collins Simulation & Training	Manufacturer Location: Cedar Rapids, Iowa
Administrative Leadtime (<i>in Months</i>): 1	Production Leadtime (<i>in Months</i>): 7

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Oct 2011	Oct 2012				
Delivery Dates		May 2012	May 2013				

Installation: Video Display Electronic Terminal (VDET)	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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
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 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:
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Installation: Video Display Electronic Terminal (VDET)	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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	700	0.461	350	0.223	350	0.227	0	0.000	350	0.227

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	700	0.461
FY 2011	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	350	0.223
FY 2012	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	350	0.227
FY 2013	350	0.231	0	0.000	0	0.000	0	0.000	0	0.000	350	0.231
FY 2014	0	0.000	350	0.235	0	0.000	0	0.000	0	0.000	350	0.235
FY 2015	0	0.000	0	0.000	350	0.239	0	0.000	0	0.000	350	0.239
FY 2016	0	0.000	0	0.000	0	0.000	350	0.243	0	0.000	350	0.243
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	2,308	1.668	2,308	1.668
To Complete	-	-	-	-	-	-	-	-	-	-	-	-
Total	350	0.231	350	0.235	350	0.239	350	0.243	2,308	1.668	5,108	3.527

Installation Schedule																																
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	0	0	700	0	0	0	350	0	0	0	350	0	0	0	350	0	0	0	350	0	0	0	350	0	0	0	350	0	2,308	5,108	
Out	-	0	0	0	700	0	0	0	350	0	0	0	350	0	0	0	350	0	0	0	350	0	0	0	350	0	0	0	350	0	2,308	5,108

UNCLASSIFIED

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: GM0100 - Stryker (Mod)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0
Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:

Installation: C4I Obsolescence and Next Generation Items	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
All Prior Years	0	0.000	1,056	0.835	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	0	0.000	0	0.000	122	0.114	0	0.000	0	0.000	0	0.000
FY 2012	0	0.000	0	0.000	0	0.000	662	0.657	0	0.000	662	0.657
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	1,056	0.835	122	0.114	662	0.657	0	0.000	662	0.657

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

UNCLASSIFIED

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: GM0100 - Stryker (Mod)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:
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Installation: C4I Obsolescence and Next Generation Items	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	0	1,056	0	0	0	122	0	0	0	662	0	0	0	886	0	0	0	281	0	0	0	327	0	0	0	662	0	4,333	8,329
Out	-	0	0	1,056	0	0	0	122	0	0	0	662	0	0	0	886	0	0	0	281	0	0	0	327	0	0	0	662	0	4,333	8,329

Installation: Mobile Gun System (MGS) Deficiencies	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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	84	0.095	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	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	84	0.095	0	0.000	0	0.000	0	0.000	0	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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	84	0.095
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

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: GM0100 - Stryker (Mod)	Modification Nomenclature (Modification Title, Modification Number): STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:
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Installation: Mobile Gun System (MGS) Deficiencies	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	84	0.095

Installation Schedule																																
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	0	0	84	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	84
Out	-	0	0	0	84	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	84

Installation: Targeting Under Armor	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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	-	-	-	-	-	-	-	-	-	-	-	-
Total	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 1 / BSA 20	P-1 Line Item Nomenclature: GM0100 - Stryker (Mod)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:
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Installation: Targeting Under Armor	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	0	0	0	51	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	0	51	0	0	0	51	0	0	0	33	0	174

Installation: Block Mod Retrofit	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

UNCLASSIFIED

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: GM0100 - Stryker (Mod)	Modification Nomenclature (Modification Title, Modification Number): STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:
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Installation: Block Mod Retrofit	Method of Implementation: Combination of depot reset team and contractors at a government facility.	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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	664	0.508	0	0.000	0	0.000	0	0.000	0	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	664	0.508
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	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	664	0.508

Installation Schedule																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	0	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	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	0	664

UNCLASSIFIED

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: GM0100 - Stryker (Mod)
Modification Nomenclature (Modification Title, Modification Number): STRYKER MODIFICATION - 0		

Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:
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Installation: Training Aids, Devices, Simulators and Simulations	Method of Implementation: Depot Field Team	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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: GM0100 - Stryker (Mod)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): STRYKER MODIFICATION - 0

Models of Systems Affected: VARIOUS	Type Modification: 0	Related RDT&E PEs:
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Installation: Training Aids, Devices, Simulators and Simulations	Method of Implementation: Depot Field Team	Installation Name:
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Installation Schedule																																							
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot								
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
In	-	0	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	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	0	0	0	0	0	0	0	0	44

UNCLASSIFIED

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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GZ2300 - FIST Vehicle (Mod)
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0203735A
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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 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 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.

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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 1 : Tracked Combat Vehicles / BSA
 20 : Modification Of Tracked Combat Vehicles

P-1 Line Item Nomenclature:
 GZ2300 - FIST Vehicle (Mod)

ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0203735A

Secondary 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	31.614	30.257	-	30.257	36.465	-	-	-
Army National Guard	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	3.468	27.000	-	27.000	43.400	-	-	-

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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

Item Schedule		FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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 components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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Exhibit P-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 (<i>Modification Title, Modification Number</i>): FS3 on A3 BFIST - xx				

Models of Systems Affected: A3 BFIST			Type Modification: xx				Related RDT&E PEs:					
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Removing the Tube-launched Optically-tracked Wire-guided (TOW) box and integrating the FS3 into the digital architecture of the A3 BFIST. 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.

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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 (<i>Modification Title, Modification Number</i>): FS3 on A3 BFIST - xx			
Models of Systems Affected: A3 BFIST				Type Modification: xx				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
FS3 on BFIST													
A Kits													
Recurring													
BFIST A3 FS3 A-Kits	69	11.871	36	6.377	44	7.920	53	9.699	0	0.000	53	9.699	
BFIST A3 FS3 Sensors	99	34.626	16	5.869	22	8.206	53	23.903	0	0.000	53	23.903	
BFIST A3 GFE/GFM	0	4.745	0	2.926	0	1.430	0	3.551	0	0.000	0	3.551	
BFIST M7SA FS3 A Kits	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
BFIST M7SA FS3 Sensors	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
BFIST M7SA GFE/GFM	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
LL FS3 Sensor Mod Kits	0	2.355	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
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	0	2.763	0	5.982	0	4.124	0	0.000	0	4.124	
Fielding (A3 & M7SA)	0	4.720	0	0.000	0	2.637	0	3.647	0	0.000	0	3.647	
Test & Evaluation (A3 & M7SA)	0	7.799	0	0.279	0	0.983	0	2.795	0	0.000	0	2.795	
<i>Subtotal Recurring</i>		111.002		30.908		35.082		57.257		0.000		57.257	
<i>Total, FS3 on BFIST</i>	168	111.002	52	30.908	66	35.082	106	57.257	0	0.000	106	57.257	
<i>Total, All Modifications</i>		111.002		30.908		35.082		57.257		0.000		57.257	
<i>Procurement Cost (Procurement + Support)</i>		111.002		30.908		35.082		57.257		0.000		57.257	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		111.002		30.908		35.082		57.257		0.000		57.257	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
FS3 on BFIST													
A Kits													
Recurring													
BFIST A3 FS3 A-Kits	19	3.534	0	0.000	0	0.000	0	0.000	0	0.000	221	39.401	

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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 (<i>Modification Title, Modification Number</i>): FS3 on A3 BFIST - xx

Models of Systems Affected: A3 BFIST	Type Modification: xx	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	74.751
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
<i>Subtotal Recurring</i>		79.865		0.000		0.000		0.000		0.000		314.114
<i>Total, FS3 on BFIST</i>	148	79.865	0	0.000	0	0.000	0	0.000	0	0.000	540	314.114
<i>Total, All Modifications</i>		79.865		0.000		0.000		0.000		0.000		314.114
<i>Procurement Cost (Procurement + Support)</i>		79.865		0.000		0.000		0.000		0.000		314.114
<i>Total Installation Cost</i>		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 Information: FS3 on BFIST

Manufacturer Name: BAE	Manufacturer Location: YORK, PA
Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 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			

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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 (<i>Modification Title, Modification Number</i>): FS3 on A3 BFIST - xx

Models of Systems Affected: A3 BFIST	Type Modification: xx	Related RDT&E PEs:
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Installation: FS3 on BFIST	Method of Implementation: x	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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 (<i>Modification Title, Modification Number</i>): FS3 on A3 BFIST - xx

Models of Systems Affected: A3 BFIST	Type Modification: xx	Related RDT&E PEs:
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Installation: FS3 on BFIST	Method of Implementation: x	Installation Name:
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Installation Schedule																																			
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	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	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	0	0	0	0	269

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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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GZ2400 - Bradley Program (MOD)
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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 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:

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)).

Secondary 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	11.000	-	113.193	-	113.193	147.175	202.628	246.388	210.843
Army National Guard	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	191.987	250.710	35.000	-	35.000	35.000	-	-	-

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Bradley Program Mod - xx	P3A		-	-	3,898.912	-	-	202.987	-	-	250.710	-	-	148.193	-	-	-	-	-	148.193
Total Gross/Weapon System Cost					3,898.912			202.987			250.710			148.193			-			148.193

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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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GZ2400 - Bradley Program (MOD)
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ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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.

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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 (<i>Modification Title, Modification Number</i>): Bradley Program Mod - xx				
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants			Type Modification: xx				Related 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)	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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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.

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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)
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants		Modification Nomenclature (Modification Title, Modification Number): Bradley Program Mod - xx
Type Modification: xx		Related RDT&E PEs:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Training Devices ⁽¹⁾												
A Kits												
Recurring												
Training Equipment	0	25.700	0	11.600	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		25.700		11.600		0.000		0.000		0.000		0.000
<i>Total, Training Devices</i>	0	25.700	0	11.600	0	0.000	0	0.000	0	0.000	0	0.000
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	0.000
<i>Subtotal Recurring</i>		765.100		0.000		0.000		0.000		0.000		0.000
<i>Total, Bradley Reactive Armor</i>	2,676	765.100	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
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	0.000
Reset Mods	756	10.500	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
INU/Talon	271	5.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Heat Abatement/Cargo Hatch	2,764	2.800	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
High Priority Mods	0	95.408	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Urban Survivability Mods	5,276	2,099.004	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		2,298.212		0.000		0.000		0.000		0.000		0.000
<i>Total, BFVS High Priority Improvements</i>	9,684	2,298.212	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
ODS Situational Awareness ⁽⁴⁾												
A Kits												
Recurring												

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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 (<i>Modification Title, Modification Number</i>): Bradley Program Mod - xx			
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants			Type Modification: xx				Related RDT&E PEs:				

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
ODS Situational Awareness	485	761.000	58	177.387	72	238.500	0	0.000	0	0.000	0	0.000
Fielding Activities/NET	0	0.000	0	0.000	0	0.000	0	35.000	0	0.000	0	35.000
<i>Subtotal Recurring</i>		761.000		177.387		238.500		35.000		0.000		35.000
<i>Total, ODS Situational Awareness</i>	485	761.000	58	177.387	72	238.500	0	35.000	0	0.000	0	35.000
Program/Engineering Support ⁽⁵⁾												
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
<i>Subtotal Recurring</i>		48.900		14.000		12.210		10.700		0.000		10.700
<i>Total, Program/Engineering Support</i>	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	0.000	0	0.000	0	0.000	300	102.493	0	0.000	300	102.493
<i>Subtotal Recurring</i>		0.000		0.000		0.000		102.493		0.000		102.493
<i>Total, Field Upgrades</i>	0	0.000	0	0.000	0	0.000	300	102.493	0	0.000	300	102.493
<i>Total, All Modifications</i>		3,898.912		202.987		250.710		148.193		0.000		148.193
<i>Procurement Cost (Procurement + Support)</i>		3,898.912		202.987		250.710		148.193		0.000		148.193
<i>Total Installation Cost</i>		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

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Training Devices ⁽¹⁾												
A Kits												

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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 (<i>Modification Title, Modification Number</i>): Bradley Program Mod - xx			
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants			Type Modification: xx				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Recurring												
Training Equipment	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	37.300
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		37.300
<i>Total, Training Devices</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	37.300
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	765.100
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		765.100
<i>Total, Bradley Reactive Armor</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,676	765.100
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	85.500
Reset Mods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	756	10.500
INU/Talon	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	271	5.000
Heat Abatement/Cargo Hatch	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,764	2.800
High Priority Mods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	95.408
Urban Survivability Mods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5,276	2,099.004
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2,298.212
<i>Total, BFVS High Priority Improvements</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	9,684	2,298.212
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	1,176.887
Fielding Activities/NET	0	35.000	0	0.000	0	0.000	0	0.000	0	0.000	0	70.000
<i>Subtotal Recurring</i>		35.000		0.000		0.000		0.000		0.000		1,246.887

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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)
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants		Modification Nomenclature (Modification Title, Modification Number): Bradley Program Mod - xx
Type Modification: xx		Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Total, ODS Situational Awareness</i>	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
<i>Subtotal Recurring</i>		10.700		10.700		10.700		0.000		0.000		117.910
<i>Total, Program/Engineering Support</i>	0	10.700	0	10.700	0	10.700	0	0.000	0	0.000	0	117.910
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	877.427
<i>Subtotal Recurring</i>		136.475		191.928		235.688		210.843		0.000		877.427
<i>Total, Field Upgrades</i>	400	136.475	560	191.928	600	235.688	101	210.843	0	0.000	1,961	877.427
<i>Total, All Modifications</i>		182.175		202.628		246.388		210.843		0.000		5,342.836
<i>Procurement Cost (Procurement + Support)</i>		182.175		202.628		246.388		210.843		0.000		5,342.836
<i>Total Installation Cost</i>		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:

- (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.

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

⁽⁴⁾The Bradley ODS Situational Awareness (SA) is an upgrade to the Bradley A2 ODS vehicle; the A2 Integrated Sight Unit (ISU) and a 1st GEN Forward Looking Infrared (FLIR) is replaced with the Improved Bradley Acquisition System (IBAS), a 2nd GEN FLIR. This replacement eliminates obsolescence and improves the commander's and gunner's surveillance capability (provides target detection and identification at weapon maximum effective range), while maintaining the Bradley A2 ODS's lethality, survivability, and sustainability.

⁽⁵⁾Program/Engineering Support includes both Government & contractor program management support to oversee program planning & execution activities. Also includes US Government (TACOM & other USG sites) & contractor engineering to support completion of ODS SA kit production and procurement and installation of ECP1 & 2 hardware.

⁽⁶⁾Provides funding for components and labor for required field related modifications of 15 HBCT sets of ECP 1 & 1 HBCT set of ECP 2 in support of the Bradley family of vehicles. These modifications correct or alleviate operational deficiencies in size, weight and power, and allows for the A3 fleet to host inbound technology from Army Programs of Record. ECP field modifications include track, suspension, powerpack, and electrical system upgrades. Upgrades will be applied as field mods. Field installation costs are included in the contractor costs.

Manufacturer Information: Training Devices							
Manufacturer Name: x				Manufacturer Location: x			
Administrative Leadtime (in Months): 8				Production Leadtime (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: Bradley Reactive Armor							
Manufacturer Name: GDATP				Manufacturer Location: Burlington, VT			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Information: BFVS High Priority Improvements							
Manufacturer Name: BAE				Manufacturer Location: YORK, PA			
Administrative Leadtime (in Months): 5				Production Leadtime (in Months): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Information: ODS Situational Awareness							
Manufacturer Name: BAE				Manufacturer Location: YORK, PA			
Administrative Leadtime (in Months): 8				Production Leadtime (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			

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

Manufacturer Information: ODS Situational Awareness							
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Delivery Dates	May 2012	May 2013	May 2014	May 2015			

Manufacturer Information: Program/Engineering Support							
Manufacturer Name: N/A				Manufacturer Location: WARREN, MI			
Administrative Leadtime (in Months): 1				Production Leadtime (in Months): 1			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Oct 2010	Oct 2011	Oct 2012	Oct 2013			
Delivery Dates	Nov 2010	Nov 2011	Nov 2012	Nov 2013			

Manufacturer Information: Field Upgrades							
Manufacturer Name: BAE				Manufacturer Location: YORK, PA			
Administrative Leadtime (in Months): 12				Production Leadtime (in Months): 12			
Dates	FY 2011	FY 2012	FY 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	Method of Implementation: x	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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)
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants		Modification Nomenclature (Modification Title, Modification Number): Bradley Program Mod - xx
Type Modification: xx		Related RDT&E PEs:

Installation: Training Devices		Method of Implementation: x						Installation Name:					
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				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: Bradley Reactive Armor		Method of Implementation: Contractor						Installation Name:					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
All Prior Years	2,676	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 1 / BSA 20		P-1 Line Item Nomenclature: GZ2400 - Bradley Program (MOD)
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants		Type Modification: xx
Related RDT&E PEs:		

Installation: Bradley Reactive Armor	Method of Implementation: Contractor	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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	2,676	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,676	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	2,676	0.000

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	2,676	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	2,676	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: BFVS High Priority Improvements		Method of Implementation: Contractor		Installation Name:								
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
All Prior Years	9,684	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 1 / BSA 20	P-1 Line Item Nomenclature: GZ2400 - Bradley Program (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Bradley Program Mod - xx
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants	Type Modification: xx	Related RDT&E PEs:

Installation: BFVS High Priority Improvements	Method of Implementation: Contractor	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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 (<i>Modification Title, Modification Number</i>): Bradley Program Mod - xx
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants	Type Modification: xx	Related RDT&E PEs:

Installation: BFVS High Priority Improvements	Method of Implementation: Contractor	Installation Name:
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Installation Schedule																																							
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot								
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
In	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	0	0	0	0	0	0	0	0	9,684
Out	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	0	0	0	0	0	0	0	0	9,684

Installation: ODS Situational Awareness	Method of Implementation: Contractor	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
All Prior Years	0	0.000	101	0.000	190	0.000	194	0.000	0	0.000	194	0.000
FY 2011	0	0.000	0	0.000	0	0.000	58	0.000	0	0.000	58	0.000
FY 2012	0	0.000	0	0.000	0	0.000	62	0.000	0	0.000	62	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	101	0.000	190	0.000	314	0.000	0	0.000	314	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

UNCLASSIFIED

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)
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants		Modification Nomenclature (Modification Title, Modification Number): Bradley Program Mod - xx
Type Modification: xx		Related RDT&E PEs:

Installation: ODS Situational Awareness		Method of Implementation: Contractor				Installation Name:						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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	10	0.000	0	0.000	0	0.000	0	0.000	0	0.000	615	0.000

Installation Schedule																																				
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				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	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	0	0	0	0	0	615

Installation: Program/Engineering Support		Method of Implementation: x				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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

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)
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants		Modification Nomenclature (Modification Title, Modification Number): Bradley Program Mod - xx
Type Modification: xx		Related RDT&E PEs:

Installation: Program/Engineering Support		Method of Implementation: x						Installation Name:					
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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: Field Upgrades		Method of Implementation: xx						Installation Name:					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	
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 1 / BSA 20		P-1 Line Item Nomenclature: GZ2400 - Bradley Program (MOD)
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants		Modification Nomenclature (Modification Title, Modification Number): Bradley Program Mod - xx
Type Modification: xx		Related RDT&E PEs:

Installation: Field Upgrades		Method of Implementation: xx				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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	300	0.000	0	0.000	0	0.000	0	0.000	0	0.000	300	0.000
FY 2014	0	0.000	400	0.000	0	0.000	0	0.000	0	0.000	400	0.000
FY 2015	0	0.000	0	0.000	560	0.000	0	0.000	0	0.000	560	0.000
FY 2016	0	0.000	0	0.000	0	0.000	600	0.000	0	0.000	600	0.000
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	101	0.000	101	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total	300	0.000	400	0.000	560	0.000	600	0.000	101	0.000	1,961	0.000

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	0	0	0	0	0	0	0	0	0	0	0	75	75	75	75	100	100	100	100	140	140	140	140	150	150	150	150	101	1,961
Out	-	0	0	0	0	0	0	0	0	0	0	0	0	75	75	75	75	100	100	100	100	140	140	140	140	150	150	150	150	101	1,961

UNCLASSIFIED

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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)
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ID Code (A=Service Ready, B=Not Service Ready) : B **Program Elements for Code B Items:** 0604854A **Other Related Program Elements:** 0604854A

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 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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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

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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)
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ID Code (A=Service Ready, B=Not Service Ready) : B **Program Elements for Code B Items:** 0604854A **Other Related Program Elements:** 0604854A

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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

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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Paladin/FAASV Modification Program - None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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 - Replacement (PDFCS-R) kits, and Dynamic Reference Unit Hybrid - Replacement (DRUH-R) kits, System Technical Support (STS), and Program Office Requirements.

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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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
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	0.000
<i>Subtotal Recurring</i>		1,811.368		0.000		0.000		0.000		0.000		0.000
<i>Total, Prior Years Closed Mods</i>	0	1,811.368	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
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	0.000
<i>Subtotal Recurring</i>		0.000		0.000		10.000		0.000		0.000		0.000
<i>Total, Paladin/FAASV Stowage Improvements</i>	0	0.000	0	0.000	450	10.000	0	0.000	0	0.000	0	0.000
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	5.709
<i>Subtotal Recurring</i>		0.000		0.000		3.000		5.709		0.000		5.709
<i>Total, Paladin System Technical Support - Contr</i>	0	0.000	0	0.000	0	3.000	0	5.709	0	0.000	0	5.709
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	1.000
<i>Subtotal Recurring</i>		0.000		1.242		3.576		1.000		0.000		1.000
<i>Total, Paladin Program Office</i>	0	0.000	0	1.242	0	3.576	0	1.000	0	0.000	0	1.000
Paladin TADSS ⁽⁵⁾												

UNCLASSIFIED

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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
A Kits												
Recurring												
Training Devices	0	0.000	0	4.002	0	0.000	0	0.132	0	0.000	0	0.132
<i>Subtotal Recurring</i>		0.000		4.002		0.000		0.132		0.000		0.132
<i>Total, Paladin TADSS</i>	0	0.000	0	4.002	0	0.000	0	0.132	0	0.000	0	0.132
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	1.795
<i>Subtotal Recurring</i>		0.000		0.000		15.626		1.795		0.000		1.795
<i>Total, Paladin Digital Fire Control System - Replacement</i>	0	0.000	0	0.000	110	15.626	10	1.795	0	0.000	10	1.795
Dynamic Reference Unit Hybrid - Replacement ⁽⁷⁾												
A Kits												
Recurring												
DRUH-R	0	0.000	0	0.000	110	14.674	10	1.705	0	0.000	10	1.705
<i>Subtotal Recurring</i>		0.000		0.000		14.674		1.705		0.000		1.705
<i>Total, Dynamic Reference Unit Hybrid - Replacement</i>	0	0.000	0	0.000	110	14.674	10	1.705	0	0.000	10	1.705
<i>Total, All Modifications</i>		1,811.368		5.244		46.876		10.341		0.000		10.341
<i>Procurement Cost (Procurement + Support)</i>		1,811.368		5.244		46.876		10.341		0.000		10.341
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		1,811.368		5.244		46.876		10.341		0.000		10.341

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
Prior Years Closed Mods ⁽¹⁾												

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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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None				
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles				Type Modification: Unclassified					Related RDT&E PEs:				
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
A Kits													
Recurring													
Prior Closed Mods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1,811.368	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		1,811.368	
<i>Total, Prior Years Closed Mods</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	1,811.368	
Paladin/FAASV Stowage Improvements ⁽²⁾													
A Kits													
Recurring													
Stowage Improvements	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	450	10.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		10.000	
<i>Total, Paladin/FAASV Stowage Improvements</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	450	10.000	
Paladin System Technical Support - Contr ⁽³⁾													
A Kits													
Recurring													
STS	0	5.368	0	5.459	0	5.490	0	0.000	0	0.000	0	25.026	
<i>Subtotal Recurring</i>		5.368		5.459		5.490		0.000		0.000		25.026	
<i>Total, Paladin System Technical Support - Contr</i>	0	5.368	0	5.459	0	5.490	0	0.000	0	0.000	0	25.026	
Paladin Program Office ⁽⁴⁾													
A Kits													
Recurring													
PM Support	0	1.000	0	1.000	0	0.000	0	0.000	0	0.000	0	7.818	
<i>Subtotal Recurring</i>		1.000		1.000		0.000		0.000		0.000		7.818	
<i>Total, Paladin Program Office</i>	0	1.000	0	1.000	0	0.000	0	0.000	0	0.000	0	7.818	
Paladin TADSS ⁽⁵⁾													
A Kits													
Recurring													

UNCLASSIFIED

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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Training Devices	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	4.134
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		4.134
Total, Paladin TADSS	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	4.134
Paladin Digital Fire Control System - Replacement ⁽⁶⁾												
A Kits												
Recurring												
PDFCS-R	9	1.664	8	1.621	0	0.000	0	0.000	0	0.000	137	20.706
<i>Subtotal Recurring</i>		1.664		1.621		0.000		0.000		0.000		20.706
Total, Paladin Digital Fire Control System - Replacement	9	1.664	8	1.621	0	0.000	0	0.000	0	0.000	137	20.706
Dynamic Reference Unit Hybrid - Replacement ⁽⁷⁾												
A Kits												
Recurring												
DRUH-R	9	1.583	8	1.545	0	0.000	0	0.000	0	0.000	137	19.507
<i>Subtotal Recurring</i>		1.583		1.545		0.000		0.000		0.000		19.507
Total, Dynamic Reference Unit Hybrid - Replacement	9	1.583	8	1.545	0	0.000	0	0.000	0	0.000	137	19.507
Total, All Modifications		9.615		9.625		5.490		0.000		0.000		1,898.559
Procurement Cost (Procurement + Support)		9.615		9.625		5.490		0.000		0.000		1,898.559
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		9.615		9.625		5.490		0.000		0.000		1,898.559

Remarks:

- (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.

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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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:
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⁽⁶⁾PDFCS-R is an obsolescence driven replacement for the current Paladin Digital Fire Control System used in Paladin/PIM. PDFCS-R replaces two key circuit card assemblies located in the Paladin Digital Control Unit (PDCU) that are no longer manufactured, and are old, slow 1990's technology. PDFCS-R also upgrades the Paladin Control Unit (PCU) to provide higher computing power, and moves the Force XXI Battle Command Brigade and Below (FBCB2) functionality out of the PDCU into a separate JV5 computing unit. PDFCS-R improves howitzer fire control processing, accuracy, execution of precision guided munitions missions, and crew situational awareness.

⁽⁷⁾DRUH-R is the surveying system used in the M109A6 Paladin/PIM. It electronically exchanges positioning data with the PDFCS, Vehicle Motion Sensor and external GPS to provide accurate fire support to the field force. DRUH-R resolves obsolescence within the current DRUH system which is out of production, and losing its supportability.

Manufacturer Information: Prior Years Closed Mods							
Manufacturer Name: x				Manufacturer Location: x			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Information: Paladin/FAASV Stowage Improvements							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 11				Production Leadtime (<i>in Months</i>): 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 Information: Paladin System Technical Support - Contr							
Manufacturer Name: x				Manufacturer Location: x			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Information: Paladin Program Office							
Manufacturer Name: x				Manufacturer Location: x			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:
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Manufacturer Information: Paladin TADSS							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 9				Production Leadtime (<i>in Months</i>): 12			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jun 2013				
Delivery Dates			Jun 2014				

Manufacturer Information: Paladin Digital Fire Control System - Replacement							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 7				Production Leadtime (<i>in Months</i>): 15			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Apr 2013	Dec 2013	Dec 2014		
Delivery Dates			Jul 2014	Oct 2014	Oct 2015		

Manufacturer Information: Dynamic Reference Unit Hybrid - Replacement							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 7				Production Leadtime (<i>in Months</i>): 15			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Apr 2012	Dec 2013	Dec 2014		
Delivery Dates			Jul 2014	Oct 2014	Oct 2015		

Installation: Prior Years Closed Mods								Method of Implementation: x				Installation Name:			
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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

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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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:

Installation: Prior Years Closed Mods		Method of Implementation: x				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - 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 Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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	36	0.000	216	0.000	0	0.000	216	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	36	0.000	216	0.000	0	0.000	216	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:
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Installation: Paladin/FAASV Stowage Improvements	Method of Implementation: x	Installation Name:
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Installation Schedule																																	
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	0	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	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	0	0	450

Installation: Paladin System Technical Support - Contr	Method of Implementation: N/A	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:

Installation: Paladin System Technical Support - Contr		Method of Implementation: N/A				Installation Name:						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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																																			
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				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	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	0	0	0

Installation: Paladin Program Office		Method of Implementation: N/A				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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

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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles		Modification Nomenclature (Modification Title, Modification Number): Paladin/FAASV Modification Program - None
Type Modification: Unclassified		Related RDT&E PEs:

Installation: Paladin Program Office	Method of Implementation: N/A	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	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		
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: Paladin TADSS	Method of Implementation: N/A	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:

Installation: Paladin TADSS		Method of Implementation: N/A				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - 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 Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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

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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Paladin/FAASV Modification Program - None

Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles	Type Modification: Unclassified	Related RDT&E PEs:
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Installation: Paladin Digital Fire Control System - Replacement	Method of Implementation: Field Retrofit	Installation Name:
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

Installation: Dynamic Reference Unit Hybrid - Replacement	Method of Implementation: Field Retrofit	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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: GA0400 - Howitzer, Med Sp Ft 155MM M109A6 (MOD)
Models of Systems Affected: M109 Howitzer and M992 FAASV Vehicles		Modification Nomenclature (Modification Title, Modification Number): Paladin/FAASV Modification Program - None
Type Modification: Unclassified		Related RDT&E PEs:

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

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

UNCLASSIFIED

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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GZ0410 - Paladin PIM Mod In Service
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	12,123.588	-	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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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 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 \$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.

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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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles		P-1 Line Item Nomenclature: GZ0410 - Paladin PIM Mod In Service
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
<p>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.</p>		

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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							
Resource Summary						Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total								
Procurement Quantity (Each)						-	-	-	17	-	17								
Gross/Weapon System Cost (\$ in Millions)						-	-	-	206.101	-	206.101								
Less PY Advance Procurement (\$ in Millions)						-	-	-	-	-	-								
Net Procurement (P1) (\$ in Millions)						-	-	-	206.101	-	206.101								
Plus CY Advance Procurement (\$ in Millions)						-	-	-	-	-	-								
Total Obligation Authority (\$ in Millions)						-	-	-	206.101	-	206.101								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																			
Initial Spares (\$ in Millions)						-	-	-	-	-	-								
Gross/Weapon System Unit Cost (\$ in Thousands)						-	-	-	12,123.588	-	12,123.588								
Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
		-	-	-	-	-	0.000	-	-	0.000	-	-	3.928	-	-	0.000	-	-	3.928
		-	-	-	-	-	0.000	-	-	0.000	-	-	7.897	-	-	0.000	-	-	7.897
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	1.059	-	-	0.000	-	-	1.059
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
		-	-	-	-	-	0.000	-	-	0.000	6,840.000	17	116.279	-	-	0.000	6,840.000	17	116.279

UNCLASSIFIED

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							

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	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
<i>Total Recurring Cost</i>				0.000			0.000			0.000			161.058			0.000			161.058
<i>Total Hardware Cost</i>				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
<i>Total Support Cost</i>				0.000			0.000			0.000			8.430			0.000			8.430
Gross Weapon System Cost				-			-			-			206.101			-			206.101

Remarks:

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: 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: GZ0410 - Paladin PIM Mod In Service				
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	Specs 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:

UNCLASSIFIED

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:** GZ0410 - Paladin PIM Mod In Service **Item Nomenclature:** GZ0410 - Paladin PIM Mod In Service

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2015										Fiscal Year 2016													
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
MANUFACTURING																														
	1	2013	ARMY (1)	17	0	17	-	-	-	-	-	-	-	-	4	4	4	4	1											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

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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: GZ0410 - Paladin PIM Mod In Service	Item Nomenclature: GZ0410 - Paladin PIM Mod In Service

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	BAE - York	12	120	240	0	10	23	33	0	0	0	0

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

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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 1 : Tracked Combat Vehicles / BSA
20 : Modification Of Tracked Combat Vehicles

P-1 Line Item Nomenclature:
GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)

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

Resource Summary	Prior Years	FY 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)	-	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 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.

Secondary 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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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

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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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles		P-1 Line Item Nomenclature: GA0570 - Improved Recovery Vehicle (M88A2 HERCULES)
ID 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 Title for the P3A; Item Number and Item Name for the P10.		
<p>Justification: FY13 procurement amount of \$107.909 million supports the procurement of 31 M88A2 HERCULES to continue the modernization of M88A1 to M88A2 in Heavy Brigade Combat Teams. The fielded M88A1 Medium Recovery Vehicle lacks the necessary power, weight, and braking ability to safely support the recovery of the Abrams fleet by itself. Improvements in the M88A2 HERCULES fix these operational shortcomings. The increased winching and lifting capability accommodates all Abrams variants including the M1A2 System Enhancement Program (SEP) tank. Without this increased capability, units must use two M88A1 Medium Recovery Vehicles to perform the necessary spectrum of recovery operations.</p> <p>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.</p>		

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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)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	34	-	31	-	31
Gross/Weapon System Cost (\$ in Millions)		-	120.218	7.452	107.909	-	107.909
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	120.218	7.452	107.909	-	107.909
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	120.218	7.452	107.909	-	107.909

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

Initial Spares (\$ in Millions)		-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)		-	3,535.824	-	3,480.935	-	3,480.935

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Vehicle Manufacturing - Contractor		-	-	-	2,565.000	34	87.215	-	-	0.000	2,648.000	31	82.093	-	-	0.000	2,648.000	31	82.093
Vehicle Manufacturing - GFE		-	-	-	-	-	3.846	-	-	0.000	-	-	3.760	-	-	0.000	-	-	3.760
Contractor Engineering		-	-	-	-	-	16.164	-	-	4.000	-	-	10.047	-	-	0.000	-	-	10.047
Program Management - Core & OGA		-	-	-	-	-	3.563	-	-	3.452	-	-	3.570	-	-	0.000	-	-	3.570
Transportation		-	-	-	-	-	1.700	-	-	0.000	-	-	0.775	-	-	0.000	-	-	0.775
Fielding (TPF & NET)		-	-	-	-	-	3.083	-	-	0.000	-	-	3.811	-	-	0.000	-	-	3.811
Test (Production Verification Testing)		-	-	-	-	-	0.600	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
M88A1 Hull Reclamation		-	-	-	-	-	4.047	-	-	0.000	-	-	3.853	-	-	0.000	-	-	3.853
Total Recurring Cost				0.000			120.218			7.452			107.909			0.000			107.909
Total Flyaway Cost				0.000			120.218			7.452			107.909			0.000			107.909
Gross Weapon System Cost				-			120.218			7.452			107.909			-			107.909

Remarks:

UNCLASSIFIED

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)

Secondary 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	-	-	-	-

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Exhibit P-5A, Budget Procurement History and Planning: 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)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	Specs 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:

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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)									

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012														Fiscal Year 2013																																		
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012														Calendar Year 2013																																		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L																								
Vehicle Manufacturing - Contractor																																																							
1	2011	ARMY		34	0	34	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	5																			
1	2011	♦ MC		23	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	2	2	2	2	2	5																			
1	2013	ARMY		31	0	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31																			
<table border="0"> <tr> <td>O C O</td> <td>N O V</td> <td>D E C</td> <td>J A N</td> <td>F E B</td> <td>M A R</td> <td>A P R</td> <td>M A Y</td> <td>J U N</td> <td>J U L</td> <td>A U G</td> <td>S E P</td> <td>O C T</td> <td>N O V</td> <td>D E C</td> <td>J A N</td> <td>F E B</td> <td>M A R</td> <td>A P R</td> <td>M A Y</td> <td>J U N</td> <td>J U L</td> <td>A U G</td> <td>S E P</td> <td>B A L</td> </tr> </table>																															O C O	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
O C O	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L																															

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Exhibit P-21, 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)											

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014												Fiscal Year 2015											
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015											
							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
Vehicle Manufacturing - Contractor																														
	1	2011	ARMY	34	29	5	1	1	1	1	1																			
	1	2011	♦ MC	23	23	0	-	-	-	-	-																			
	1	2011	TOTAL	57	52	5	1	1	1	1	1																			
	1	2013	ARMY	31	0	31	-	-	-	-	-	2	3	3	3	2	3	3	3	3	2	2	2							
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

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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)

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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.

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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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: G82925 - Assault Breacher Vehicle
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	4,078.526	5,389.111	5,003.900	-	5,003.900	4,526.278	4,726.733	5,228.200	5,028.385	0.000	6.252

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.

Army Acquisition Objective (AAO) ABV: 171

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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:

UNCLASSIFIED

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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles		P-1 Line Item Nomenclature: G82925 - Assault Breacher Vehicle
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
<p>FY 2013 Base procurement dollars in the amount of \$50.039 million supports Active Army requirements and procures 10 ABVs. The Army currently does not have the capabilities that the ABV provides. The ABV gives the Army and Marine Corps a tracked armored capability to breach minefields, reduce barrier obstacles, and mark cleared lanes for following heavy combat forces while maintaining pace with them throughout high intensity combat operations.</p> <p>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.</p>		

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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: G82925 - Assault Breacher Vehicle	Item Nomenclature (Item Number, Item Name, DODIC): G82925 - Assault Breacher Vehicle

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	19	18	10	-	10
Gross/Weapon System Cost (\$ in Millions)	-	77.492	97.004	50.039	-	50.039
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	77.492	97.004	50.039	-	50.039
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	77.492	97.004	50.039	-	50.039

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	4,078.526	5,389.111	5,003.900	-	5,003.900

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† Hardware		-	-	-	3,946.000	19	74.974	4,350.000	18	78.300	4,350.000	10	43.500	-	-	0.000	4,350.000	10	43.500
Fielding		-	-	-	-	-	1.250	-	-	8.000	-	-	3.222	-	-	0.000	-	-	3.222
System Engineering/Program Management		-	-	-	-	-	0.600	-	-	4.454	-	-	2.117	-	-	0.000	-	-	2.117
Data/Technical Manuals		-	-	-	-	-	0.350	-	-	2.250	-	-	1.200	-	-	0.000	-	-	1.200
Engineering Changes		-	-	-	-	-	0.318	-	-	4.000	-	-	0.000	-	-	-	-	-	0.000
Total Recurring Cost				0.000			77.492			97.004			50.039			0.000			50.039
Total Flyaway Cost				0.000			77.492			97.004			50.039			0.000			50.039
Gross Weapon System Cost				-			77.492			97.004			50.039			-			50.039

Remarks:

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Army **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20	P-1 Line Item Nomenclature: G82925 - Assault Breacher Vehicle	Item Nomenclature: G82925 - Assault Breacher Vehicle
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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:

UNCLASSIFIED

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:** G82925 - Assault Breacher Vehicle **Item Nomenclature:** G82925 - Assault Breacher Vehicle

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2012												Fiscal Year 2013													
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012												Calendar Year 2013												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Hardware																															
	1	2011	ARMY (1)	19	0	19	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	1			
	1	2012	ARMY (2)	18	0	18	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	2	2	2	7
	1	2013	ARMY (3)	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	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 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	

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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: G82925 - Assault Breacher Vehicle	Item Nomenclature: G82925 - Assault Breacher Vehicle
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Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014											Fiscal Year 2015												
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014											Calendar Year 2015												
							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
Hardware																														
	1	2011	ARMY (1)	19	19	0																								
	1	2012	ARMY (2)	18	11	7	2	2	1	1	1																			
	1	2013	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 U L	A U G	S E P

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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: G82925 - Assault Breacher Vehicle	Item Nomenclature: G82925 - Assault Breacher Vehicle

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	Anniston Army Depot - Anniston, AL	1	12	36	0	11	12	23	0	5	13	18

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
 (2)Base
 (3)BASE

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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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: G80571 - M88 FOV MODS
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Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:					
		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
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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.

Secondary 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	9.105	22.483	29.930	-	29.930	36.469	36.962	36.907	36.897
Army National Guard	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	10.000	-	-	-	-	-	-	-

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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

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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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: G80571 - M88 FOV MODS
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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.

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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: G80571 - M88 FOV MODS				Modification Nomenclature (<i>Modification Title, Modification Number</i>): M88 FOV Field upgrade - 1				

Models of Systems Affected: M88			Type Modification: 1				Related RDT&E PEs:					
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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."

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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: G80571 - M88 FOV MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): M88 FOV Field upgrade - 1

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
	Models of Systems Affected: M88 Type Modification: 1 Related RDT&E PEs:											
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	21.435
Production Verification Testing	0	0.000	0	5.505	0	2.600	0	2.655	0	0.000	0	2.655
Blue Force Tracking	0	0.000	0	0.000	175	6.403	157	5.840	0	0.000	157	5.840
Program Mgt	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		<i>0.000</i>		<i>9.105</i>		<i>32.483</i>		<i>29.930</i>		<i>0.000</i>		<i>29.930</i>
<i>Total, M88 FOV Field Upgrades</i>	<i>0</i>	<i>0.000</i>	<i>29</i>	<i>9.105</i>	<i>350</i>	<i>32.483</i>	<i>314</i>	<i>29.930</i>	<i>0</i>	<i>0.000</i>	<i>314</i>	<i>29.930</i>
<i>Total, All Modifications</i>		<i>0.000</i>		<i>9.105</i>		<i>32.483</i>		<i>29.930</i>		<i>0.000</i>		<i>29.930</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>0.000</i>		<i>9.105</i>		<i>32.483</i>		<i>29.930</i>		<i>0.000</i>		<i>29.930</i>
<i>Total Installation Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>
Total Cost (Procurement + Support + Installation)		0.000		9.105		32.483		29.930		0.000		29.930

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	713.323
Production Verification Testing	0	2.000	0	7.000	0	1.000	0	0.000	0	0.000	0	20.760
Blue Force Tracking	173	6.546	145	5.580	50	1.957	50	1.990	902	36.621	1,652	64.937
Program Mgt	0	3.800	0	3.865	0	3.931	0	3.998	0	32.000	0	47.594
<i>Subtotal Recurring</i>		<i>36.469</i>		<i>36.962</i>		<i>36.907</i>		<i>36.897</i>		<i>627.861</i>		<i>846.614</i>
<i>Total, M88 FOV Field Upgrades</i>	<i>346</i>	<i>36.469</i>	<i>290</i>	<i>36.962</i>	<i>100</i>	<i>36.907</i>	<i>100</i>	<i>36.897</i>	<i>1,804</i>	<i>627.861</i>	<i>3,333</i>	<i>846.614</i>
<i>Total, All Modifications</i>		<i>36.469</i>		<i>36.962</i>		<i>36.907</i>		<i>36.897</i>		<i>627.861</i>		<i>846.614</i>

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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: G80571 - M88 FOV MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): M88 FOV Field upgrade - 1

Models of Systems Affected: M88	Type Modification: 1	Related RDT&E PEs:										
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Procurement Cost (Procurement + Support)</i>		36.469		36.962		36.907		36.897		627.861		846.614
<i>Total Installation Cost</i>		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 contractor cost and cannot be separated. Testing costs are required to verify compliance of the mod kits to contract requirements."

Manufacturer Information: M88 FOV Field Upgrades							
Manufacturer Name: BAE				Manufacturer Location: York,PA			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 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: M88 FOV Field Upgrades			Method of Implementation: Contractor and Depot installed in the field				Installation Name:					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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

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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: G80571 - M88 FOV MODS
Models of Systems Affected: M88		Type Modification: 1
		Related RDT&E PEs:

Installation: M88 FOV Field Upgrades	Method of Implementation: Contractor and Depot installed in the field	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	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
Out	-	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

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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 1 : Tracked Combat Vehicles / BSA
20 : Modification Of Tracked Combat Vehicles

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

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

Resource Summary	Prior Years	FY 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 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 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).

Secondary 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	131.178	129.090	-	129.090	258.082	318.126	449.422	419.271
Army National Guard	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	174.000	-	-	-	-	-	-	-	-

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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

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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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GA0700 - M1 Abrams Tank (MOD)
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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.

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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 (<i>Modification Title, Modification Number</i>): Mods - 0000			
Models of Systems Affected: Abrams Tanks			Type Modification: xxx					Related 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	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-	
Description: Modifications to the Abrams program													

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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 (<i>Modification Title, Modification Number</i>): Mods - 0000			
Models of Systems Affected: Abrams Tanks				Type Modification: xxx				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
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	0.000	
<i>Subtotal Recurring</i>		2,737.349	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
<i>Total, Prior Year Closed Mods</i>		0	2,737.349	0	0.000	0	0.000	0	0.000	0	0.000	0.000	
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	0.000	
BFT Relocation													
	0	0.000	0	0.000	813	0.817	0	0.000	0	0.000	0	0.000	
CROWS II A Kit w/UDIM													
	0	0.000	0	0.000	635	12.050	0	0.000	0	0.000	0	0.000	
CROWS II Low Profile B Kit													
	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
Vehicle Health and Embedded Training													
	0	0.000	0	0.000	0	0.000	140	10.701	0	0.000	140	10.701	
Ammunition Data Link (ADL)													
	0	0.000	0	0.000	0	0.000	140	13.507	0	0.000	140	13.507	
Network A Kit (BFT-2 and DDU)													
	0	0.000	0	0.000	0	0.817	140	5.757	0	0.000	140	5.757	
Safety/Operational Mods													
	0	0.000	0	23.450	0	3.043	0	10.853	0	0.000	0	10.853	
Support Equipment and TPF													
	0	0.000	0	23.450	0	0.000	0	2.500	0	0.000	0	2.500	
<i>Subtotal Recurring</i>		283.400	46.900	16.727	1,448	16.727	420	43.318	0	0.000	420	43.318	
<i>Total, Abrams Field Upgrades</i>		0	283.400	0	46.900	1,448	16.727	420	43.318	0	0.000	420	
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	0.000	
<i>Subtotal Recurring</i>		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
<i>Total, Engineering Change Proposal (ECP) 1</i>		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0.000	
Armor ⁽³⁾													

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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 (<i>Modification Title, Modification Number</i>): Mods - 0000			
Models of Systems Affected: Abrams Tanks			Type Modification: xxx				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
A Kits												
Recurring												
Installation Kits	821	526.800	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Spare Armor Sets	0	0.000	46	56.600	0	0.000	24	24.640	0	0.000	24	24.640
<i>Subtotal Recurring</i>		<i>526.800</i>		<i>56.600</i>		<i>0.000</i>		<i>24.640</i>		<i>0.000</i>		<i>24.640</i>
<i>Total, Armor</i>	821	526.800	46	56.600	0	0.000	24	24.640	0	0.000	24	24.640
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	4.660
Government Program Management Support	0	0.000	0	0.000	0	0.000	0	22.669	0	0.000	0	22.669
Contractor Program Management Support	0	0.000	0	0.000	0	0.000	0	2.971	0	0.000	0	2.971
Government Test Support	0	0.000	0	0.000	0	0.000	0	2.223	0	0.000	0	2.223
<i>Subtotal NonRecurring</i>		<i>54.900</i>		<i>2.400</i>		<i>12.499</i>		<i>32.523</i>		<i>0.000</i>		<i>32.523</i>
<i>Total, Program/Engineering Support</i>	0	54.900	0	2.400	0	12.499	0	32.523	0	0.000	0	32.523
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	0.000
<i>Subtotal Recurring</i>		<i>930.300</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>
NonRecurring												
System Technical Support	0	0.000	0	54.700	0	0.000	0	13.220	0	0.000	0	13.220
Durability Improvements	0	0.000	0	0.000	0	66.352	0	0.000	0	0.000	0	0.000
<i>Subtotal NonRecurring</i>		<i>0.000</i>		<i>54.700</i>		<i>66.352</i>		<i>13.220</i>		<i>0.000</i>		<i>13.220</i>
<i>Total, Power Pack Improvement & Integration Optimization</i>	2,691	930.300	0	54.700	0	66.352	0	13.220	0	0.000	0	13.220
Training Devices ⁽⁶⁾												
A Kits												
Recurring												

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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 (<i>Modification Title, Modification Number</i>): Mods - 0000

Models of Systems Affected: Abrams Tanks	Type Modification: xxx	Related RDT&E PEs:										
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
Training Equipment Modifications	0	25.600	0	69.012	0	35.600	0	15.389	0	0.000	0	15.389
<i>Subtotal Recurring</i>		25.600		69.012		35.600		15.389		0.000		15.389
<i>Total, Training Devices</i>	0	25.600	0	69.012	0	35.600	0	15.389	0	0.000	0	15.389
<i>Total, All Modifications</i>		4,558.349		229.612		131.178		129.090		0.000		129.090
<i>Procurement Cost (Procurement + Support)</i>		4,558.349		229.612		131.178		129.090		0.000		129.090
<i>Total Installation Cost</i>		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

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	2,737.349
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		2,737.349
<i>Total, Prior Year Closed Mods</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	2,737.349
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	283.400
BFT Relocation	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	813	0.817
CROWS II A Kit w/UDIM	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	635	12.050
CROWS II Low Profile B Kit	0	0.000	490	30.757	770	50.607	297	19.351	0	0.000	1,557	100.715
Vehicle Health and Embedded Training	140	9.692	420	26.270	420	27.506	280	18.179	147	11.018	1,547	103.366
Ammunition Data Link (ADL)	280	23.653	560	42.739	560	44.751	420	33.274	265	24.236	2,225	182.160
Network A Kit (BFT-2 and DDU)	280	10.428	560	18.884	560	19.730	420	14.670	265	10.685	2,225	80.971
Safety/Operational Mods	0	27.895	0	24.086	0	0.000	0	0.000	0	0.000	0	89.327

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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 (<i>Modification Title, Modification Number</i>): Mods - 0000			
Models of Systems Affected: Abrams Tanks			Type Modification: xxx				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Support Equipment and TPF	0	10.607	0	9.594	0	6.619	0	6.569	0	1.039	0	60.378
<i>Subtotal Recurring</i>		82.275		152.330		149.213		92.043		46.978		913.184
<i>Total, Abrams Field Upgrades</i>	700	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	0.000	0	0.000	35	205.617	45	250.083	1,467	1,899.962	1,547	2,355.662
<i>Subtotal Recurring</i>		0.000		0.000		205.617		250.083		1,899.962		2,355.662
<i>Total, Engineering Change Proposal (ECP) 1</i>	0	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	0.000	0	0.000	0	0.000	0	0.000	0	0.000	821	526.800
Spare Armor Sets	70	80.340	70	83.014	35	42.736	25	29.864	0	0.000	270	317.194
<i>Subtotal Recurring</i>		80.340		83.014		42.736		29.864		0.000		843.994
<i>Total, Armor</i>	70	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
<i>Subtotal NonRecurring</i>		61.692		58.390		47.533		46.503		46.285		362.725
<i>Total, Program/Engineering Support</i>	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												

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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 (<i>Modification Title, Modification Number</i>): Mods - 0000

Models of Systems Affected: Abrams Tanks	Type Modification: xxx	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Installation Kits	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,691	930.300
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		930.300
NonRecurring												
System Technical Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	67.920
Durability Improvements	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	66.352
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		134.272
<i>Total, Power Pack Improvement & Integration Optimization</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	2,691	1,064.572
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	209.643
<i>Subtotal Recurring</i>		33.775		24.392		4.323		0.778		0.774		209.643
<i>Total, Training Devices</i>	0	33.775	0	24.392	0	4.323	0	0.778	0	0.774	0	209.643
<i>Total, All Modifications</i>		258.082		318.126		449.422		419.271		1,993.999		8,487.129
<i>Procurement Cost (Procurement + Support)</i>		258.082		318.126		449.422		419.271		1,993.999		8,487.129
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		258.082		318.126		449.422		419.271		1,993.999		8,487.129

Remarks:

⁽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.

⁽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.

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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 (<i>Modification Title, Modification Number</i>): Mods - 0000	
Models of Systems Affected: Abrams Tanks			Type Modification: xxx			Related RDT&E PEs:	
<p>⁽⁴⁾Engineering, Logistics and Test support associated with the Abrams Tank Systems includes both contractor and government program management support, matrix support at US Army Tank Automotive Command (TACOM), Army Research & Development Command (ARDEC), and other Government sites, as well as the Team Armor Partnership (TAP) warehouse and Special Tools & Test Equipment (ST&TE) to support the government fielding teams.</p> <p>⁽⁵⁾This modification is intended to reduce the Operating and Support (O&S) cost of the Abrams Tank power train. It will equip the Abrams fleet with more reliability/durability and will provide a single overhaul standard for vehicle's power train. This mod will be used to continue durability improvements and tech insertion to improve fuel consumption. The TIGER Program supports the Abrams Advanced Gas Turbine (AGT) 1500 Engine Overhaul line for vehicle production/reset. FY13 TIGER STS is required for Field Service Engineers (FSEs) to allow Honeywell's experienced engineers to perform specific repair tasks in the field to prevent the engine from deteriorating and to optimize the engines durability. In addition, the Electronic Maintenance Operations and Tooling (EMOT) Licensing is required to allow ANAD the use of Honeywell's previously developed work instruction for the AGT 1500 engine overhaul.</p> <p>⁽⁶⁾Provides funding for Training Aids, Devices, Simulators and Simulations (TADSS) in support of the Abrams family of vehicles. System training devices are required to remain current with upgraded fleet configuration/capabilities. TADSS include Maintenance Trainers, Gunnery Trainer Tech Refresh, Close Combat Tactical Trainer (CCTT) Tech Refresh, Common Drivers Trainer Upgrades, Desktop Trainer Lesson modifications, Abrams Common Software Library modifications and Through Sight Video (TSV). Contractor dates will vary by item and cannot be predicted. TADSS requirements are also captured under the Phase 1 Modernization [Mod 2] section beginning in FY 2017. Includes non recurring engineering for hardware and software changes, procurement cost of the hardware associated with modifications to existing training devices, and field installation at the unit.</p>							
Manufacturer Information: Prior Year Closed Mods							
Manufacturer Name: x				Manufacturer Location: x			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011						
Delivery Dates	Sep 2011						
Manufacturer Information: Abrams Field Upgrades							
Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Information: Engineering Change Proposal (ECP) 1							
Manufacturer Name: X				Manufacturer Location: X			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							
Manufacturer Information: Armor							
Manufacturer Name: Department of Energy				Manufacturer Location: Various			

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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 (<i>Modification Title, Modification Number</i>): Mods - 0000

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

Administrative Leadtime (<i>in Months</i>): 3	Production Leadtime (<i>in Months</i>): 18
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Jan 2013	Jan 2014	Jan 2015	Jan 2016	Jan 2017
Delivery Dates			Jan 2014	Jan 2015	Jan 2016	Jan 2017	Jan 2018

Manufacturer Information: Program/Engineering Support

Manufacturer Name: x	Manufacturer Location: x
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Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Sep 2011						
Delivery Dates	Sep 2011						

Manufacturer Information: Power Pack Improvement & Integration Optimization

Manufacturer Name: Honeywell and Allison	Manufacturer Location: Phoenix, AZ and Indianapolis, IN
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Administrative Leadtime (<i>in Months</i>): 5	Production Leadtime (<i>in Months</i>):
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Mar 2013				
Delivery Dates			Mar 2013				

Manufacturer Information: Training Devices

Manufacturer Name: PEO Simulation, Training, and Instrumentation	Manufacturer Location: Orlando, FL
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Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):
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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							

Installation: Prior Year Closed Mods **Method of Implementation:** x **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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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:
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Installation: Prior Year Closed Mods	Method of Implementation: x	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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:
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Installation: Abrams Field Upgrades	Method of Implementation: Various	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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 (<i>Modification Title, Modification Number</i>): Mods - 0000

Models of Systems Affected: Abrams Tanks	Type Modification: xxx	Related RDT&E PEs:
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Installation: Abrams Field Upgrades	Method of Implementation: Various	Installation Name:
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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	Method of Implementation: X	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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:
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Installation: Engineering Change Proposal (ECP) 1	Method of Implementation: X	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
FY 2017	0	0.000	0	0.000	0	0.000	0	0.000	45	0.000	45	0.000
To Complete	0	0.000	0	0.000	0	0.000	0	0.000	1,467	0.000	1,467	0.000
Total	0	0.000	0	0.000	0	0.000	35	0.000	1,512	0.000	1,547	0.000

Installation Schedule																																	
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot		
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
In	-	0	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	15	20	1,512	1,547
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	1,547	1,547

Installation: Armor	Method of Implementation: X	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
All Prior Years	821	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	821	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	821	0.000
FY 2011	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 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:
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Installation: Armor	Method of Implementation: X	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																																
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	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	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	0	821

Installation: Program/Engineering Support	Method of Implementation: x	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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:
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Installation: Program/Engineering Support	Method of Implementation: x	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	0	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	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	0	0

Installation: Power Pack Improvement & Integration Optimization	Method of Implementation: Contractor Support	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

UNCLASSIFIED

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:
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Installation: Power Pack Improvement & Integration Optimization	Method of Implementation: Contractor Support	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																																	
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
In	-	0	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
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	0

Installation: Training Devices		Method of Implementation: Contractor Support		Installation Name:								
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

UNCLASSIFIED

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:
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Installation: Training Devices	Method of Implementation: Contractor Support	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles	P-1 Line Item Nomenclature: GA0750 - Abrams Upgrade Program
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ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0203735A

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
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
GA0750 - Abrams Upgrade Program	P5, P5A, P21	A	-	-	-	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:

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 2013 Army		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 2033A : Procurement of W&TCV, Army / BA 1 : Tracked Combat Vehicles / BSA 20 : Modification Of Tracked Combat Vehicles		P-1 Line Item Nomenclature: GA0750 - Abrams Upgrade Program
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0203735A
<p>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.</p>		

UNCLASSIFIED

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: GA0750 - Abrams Upgrade Program
		Item Nomenclature (Item Number, Item Name, DODIC): GA0750 - Abrams Upgrade Program

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	21	63	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	181.973	436.329	74.433	-	74.433
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	181.973	436.329	74.433	-	74.433
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	181.973	436.329	74.433	-	74.433

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

Initial Spares (\$ in Millions)		-	-	7.219	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)		-	8,665.381	6,925.857	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	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	-	-	-	-	-	0.000
Government Furnished Equipment (GFE)		-	-	-	-	-	22.273	-	-	84.805	-	-	0.000	-	-	-	-	-	0.000
Armor		-	-	-	-	-	0.000	-	-	28.307	-	-	0.000	-	-	-	-	-	0.000
Pre-Modification Vehicle Teardown/ Refurb		-	-	-	375.000	21	7.868	616.000	63	38.820	-	-	0.000	-	-	-	-	-	0.000
System Technical Support (STS)		-	-	-	-	-	18.417	-	-	53.200	-	-	54.433	-	-	0.000	-	-	54.433
TPF/New Equipment Training		-	-	-	-	-	11.300	-	-	21.001	-	-	20.000	-	-	0.000	-	-	20.000
Special Tools and Test Set		-	-	-	-	-	0.133	-	-	0.135	-	-	0.000	-	-	-	-	-	0.000
Government Support		-	-	-	-	-	32.000	-	-	24.493	-	-	0.000	-	-	-	-	-	0.000
Initial Spares/ Authorized Stock List		-	-	-	-	-	18.800	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Total Recurring Cost				0.000			181.973			436.329			74.433			0.000			74.433
Total Flyaway Cost				0.000			181.973			436.329			74.433			0.000			74.433
Gross Weapon System Cost				-			181.973			436.329			74.433			-			74.433

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Army **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 1 / BSA 20	P-1 Line Item Nomenclature: GA0750 - Abrams Upgrade Program	Item Nomenclature: GA0750 - Abrams Upgrade Program
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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.

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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:** GA0750 - Abrams Upgrade Program **Item Nomenclature:** GA0750 - Abrams Upgrade Program

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012													Fiscal Year 2013												
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012													Calendar Year 2013												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
Basic Vehicle																																
	1	2010	ARMY	22	0	22	-	-	-	-	-	-	-	-	-	-	-	-	2	13	7											
	1	2011	ARMY	21	0	21	-	-	-	-	-	-	-	-	-	-	-	-	-	6	12	3										
	1	2012	ARMY	63	0	63	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	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 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		

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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: GA0750 - Abrams Upgrade Program	Item Nomenclature: GA0750 - Abrams Upgrade Program
--	---	--

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014										Fiscal Year 2015													
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015										B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G
Basic Vehicle																														
	1	2010	ARMY	22	22	0																								
	1	2011	ARMY	21	21	0																								
	1	2012	ARMY	63	33	30	4	3	3	4	4	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	J U L	A U G	S E P

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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: GA0750 - Abrams Upgrade Program	Item Nomenclature: GA0750 - Abrams Upgrade Program

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	GDLS - Lima, OH	70	120	336	0	5	21	26	0	5	11	16

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.

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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 1 : Tracked Combat Vehicles / BSA
 30 : Support Equipment & Facilities

P-1 Line Item Nomenclature:
 GA0050 - Production Base Support (TCV-WTCV)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **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)	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 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 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 Schedule		ID CD	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Project	Exhibits		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

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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 1 : Tracked Combat Vehicles / BSA 30 : Support Equipment & Facilities	P-1 Line Item Nomenclature: GA0050 - Production Base Support (TCV-WTCV)
---	---

ID Code (A=Service Ready, B=Not Service Ready) :			Program Elements for Code B Items:			Other Related Program Elements:		
Project Schedule		ID CD	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Project	Exhibits		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 facilitate, 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 Overseas Contingency Operations (OCO). In the present OCO environment, TACOM's Industrial Base needs use funds to establish, modernize and/or replace Army owned industrial facilities and equipment used in direct support of increased WTCV production requirements (PIF Projects, Parts obsolescence, supplier non-availability, Foreign Dependency, and Single Source Failure issues) throughout the Industrial Base, and direct manufacturing support of the Organic Base. 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".

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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 1 : Tracked Combat Vehicles / BSA 30 : Support Equipment & Facilities	P-1 Line Item Nomenclature: GA0050 - Production Base Support (TCV-WTCV)
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Project Title: Production Base Support - Lima	Project Number: U6037	Project Category: Production Support
End Item Supported Model:		Annual Capacity Before / After (1-8-5): /

Cost Elements <i>(\$ in Millions)</i>	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total															
A. Construction Cost	1.603	0.284	0.334	0.000	0.334	Facility Name: Production Base Support - Lima Facility Location: TACOM Facility Type (GOGO, GOCO, COCO): GOCO Principal Milestones Month & Year Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:														
B. Equipment Cost	-	-	-	-	-															
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	1.603	0.284	0.334	-	0.334															
						Related Projects														
						<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Project Number</th> <th style="width: 30%;">Title</th> <th style="width: 15%;">FY & Appn</th> <th style="width: 10%;">Value (\$M)</th> <th style="width: 10%;">Facing</th> <th style="width: 10%;">Start Date</th> <th style="width: 15%;">Compl Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date							
Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date														

Narrative Explanation:

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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 1 : Tracked Combat Vehicles / BSA 30 : Support Equipment & Facilities	P-1 Line Item Nomenclature: GA0050 - Production Base Support (TCV-WTCV)
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Project Title: Production Base Support - Scranton	Project Number: U6040	Project Category: Production Support
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End Item Supported Model:	Annual Capacity Before / After (1-8-5): /
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Cost Elements <i>(\$ in Millions)</i>	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Facility Name: Production Base Support - Scranton Facility Location: TACOM Facility Type (GOGO, GOCO, COCO): COCO
A. Construction Cost	0.993	0.189	0.222	0.000	0.222	Principal Milestones Month & Year Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:
B. Equipment Cost	-	-	-	-	-	
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	0.993	0.189	0.222	-	0.222	

Related Projects						
Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date

Narrative Explanation:

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Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2013 Army	Date: February 2012
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Appropriation / Budget Activity / Budget Sub Activity: 2033A : Procurement of W&TCV, Army / BA 1 : Tracked Combat Vehicles / BSA 30 : Support Equipment & Facilities	P-1 Line Item Nomenclature: GA0050 - Production Base Support (TCV-WTCV)
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Project Title: TACOM LCMC Production Base Spt Program	Project Number: U4282	Project Category: Production Support
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End Item Supported Model:	Annual Capacity Before / After (1-8-5): /
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Cost Elements <i>(\$ in Millions)</i>	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Facility Name: TACOM LCMC Production Base Spt Program							
A. Construction Cost	0.530	0.600	0.589	0.000	0.589	Facility Location: TACOM							
B. Equipment Cost	-	-	-	-	-	Facility Type (GOGO, GOCO, COCO):							
C. Equipment Installation Cost	-	-	-	-	-	Principal Milestones Month & Year							
D. Contractor Support Cost	-	-	-	-	-	Concept Design Complete:							
E. Corps of Engineers Support Cost	-	-	-	-	-	Final Design Complete:							
F. Other In-House Support Cost	-	-	-	-	-	Initial/Final Project Award:							
G. Other Costs	-	-	-	-	-	Construction Complete:							
Total Project Cost	0.530	0.600	0.589	-	0.589	Equipment Installation Complete:							
							Related Projects						
							Project Number	Title	FY & Appn	Value (\$ M)	Facing	Start Date	Compl Date

Narrative Explanation:

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G16101 - Integrated Air Burst Weapon System Family
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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)	-	-	-	-	-	-	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 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 Maneuver Center of Excellence (MCoE), Ft Benning, GA (User Representative) identifies the XM25 Individual Semi-Automatic Airburst System (ISAAS) as their number one materiel 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.

	Secondary 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	-	-	-	-	-
	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.

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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 10 : Weapons & Other Combat Vehicles		P-1 Line Item Nomenclature: G16101 - Integrated 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:
<p>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.</p>		

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G13000 - M240 Medium Machine Gun (7.62mm)
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ID Code (A=Service Ready, B=Not Service Ready) : A **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)	-	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
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
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.

	Secondary 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	-	-	-

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G13000 - M240 Medium Machine Gun (7.62mm)
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ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** 0604601A **Other Related Program Elements:**

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G13000 - M240 Medium Machine Gun (7.62mm)	P5, P5A, P21	A	-	-	-	-	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.

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

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	479	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	20.362	-	-	-	-
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	20.362	-	-	-	-
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	20.362	-	-	-	-

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

Initial Spares (\$ in Millions)		-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
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
2. Multiple Intrgr Laser Engagement Sys		-	-	-	-	-	1.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
3. Trainer		-	-	-	-	-	1.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
4. 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

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

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	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:

Secondary 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	-	-	-	-

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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 <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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:												

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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)									

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2013										Fiscal Year 2014													
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013										Calendar Year 2014													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
Hardware (Light Weight Version - M240L)																														
	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	J U L	A U G	S E P

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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)

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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.

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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 10 : Weapons & Other Combat Vehicles

P-1 Line Item Nomenclature:
 GB2000 - Machine Gun, Cal .50 M2 Roll

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

Resource Summary	Prior Years	FY 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 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:

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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
GB2000 - Machine Gun, Cal .50 M2 Roll	P5, P5A	A	-	-	-	-	-	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 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.

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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: GB2000 - Machine Gun, Cal .50 M2 Roll				Item Nomenclature (Item Number, Item Name, DODIC): GB2000 - Machine Gun, Cal .50 M2 Roll			

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	79.496	31.102	-	-	-
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	79.496	31.102	-	-	-
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	79.496	31.102	-	-	-

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

Initial Spares (\$ in Millions)		-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
1. Hardware		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
M2 Systems		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† XM205 Lightweight Tripod		-	-	-	3.800	19,806	75.263	3.800	7,750	29.452	-	-	0.000	-	-	-	-	-	0.000
2. Production Engineering		-	-	-	-	-	1.603	-	-	0.800	-	-	0.000	-	-	-	-	-	0.000
3. Integrated Logistics Support		-	-	-	-	-	0.300	-	-	0.100	-	-	0.000	-	-	-	-	-	0.000
4. Fielding		-	-	-	-	-	0.605	-	-	0.300	-	-	0.000	-	-	-	-	-	0.000
5. First Destination Transportation		-	-	-	-	-	0.300	-	-	0.150	-	-	0.000	-	-	-	-	-	0.000
6. Engineering Studies		-	-	-	-	-	0.165	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
7. New Equipment Training		-	-	-	-	-	1.260	-	-	0.300	-	-	0.000	-	-	-	-	-	0.000
<i>Total Recurring Cost</i>							79.496			31.102			0.000					0.000	0.000
<i>Total Flyaway Cost</i>							79.496			31.102			0.000					0.000	0.000
Gross Weapon System Cost							79.496			31.102			-					-	-

Remarks:

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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: GB2000 - Machine Gun, Cal .50 M2 Roll	Item Nomenclature: GB2000 - Machine Gun, Cal .50 M2 Roll
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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:

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun
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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)	-	-	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 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 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.

Secondary 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

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G12800 - Lightweight .50 Caliber Machine Gun	P5, P5A, P21	B	-	-	-	-	-	-	-	285	19.357	-	610	25.183	-	-	-	-	610	25.183

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun
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ID Code (A=Service Ready, B=Not Service Ready) : B **Program Elements for Code B Items:** 0604601A **Other Related Program Elements:**

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					-			-			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.

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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: G12800 - Lightweight .50 Caliber Machine Gun	Item Nomenclature (Item Number, Item Name, DODIC): G12800 - Lightweight .50 Caliber Machine Gun

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	-	285	610	-	610
Gross/Weapon System Cost (\$ in Millions)	-	-	19.357	25.183	-	25.183
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	19.357	25.183	-	25.183
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	19.357	25.183	-	25.183

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† 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	40	0.300	-	-	0.000	7.500	40	0.300
3. Engagement Skills Trainer 2000		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
4. 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:

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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: G12800 - Lightweight .50 Caliber Machine Gun	Item Nomenclature (Item Number, Item Name, DODIC): G12800 - Lightweight .50 Caliber Machine Gun

Secondary 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

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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: G12800 - Lightweight .50 Caliber Machine Gun					Item Nomenclature: G12800 - Lightweight .50 Caliber Machine Gun			
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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:

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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						

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014														Fiscal Year 2015													
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014														Calendar Year 2015													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
1. Lightweight .50 Cal Machine Gun Sys																																		
	1	2012	ARMY	285	0	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	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	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				

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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

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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.

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G13400 - MK-19 Grenade Machine Gun (40mm)
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)	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 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 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.

Secondary 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.

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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 10 : Weapons & Other Combat Vehicles

P-1 Line Item Nomenclature:
 G02200 - Mortar Systems

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

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.

Secondary 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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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:

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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 10 : Weapons & Other Combat Vehicles		P-1 Line Item Nomenclature: G02200 - Mortar Systems
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
<p>FY2013 Base procurement funding, \$8.104 million, procures 410 60mm Direct Lay Sight (DLS), 48 M1101 Trailers and 650 Round Counter along with production support cost for production, staging, and new equipment training. These systems support requirements for lightweight 60mm mortars for Infantry and Stryker Brigade Combat team and Special Forces.</p> <p>"In accordance with Section 1815 of the FY 2008 National defense Authorization Act (P.L. 110-81), 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."</p>		

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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: G02200 - Mortar Systems	Item Nomenclature (Item Number, Item Name, DODIC): G02200 - Mortar Systems

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	274	70	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	25.585	10.177	8.104	-	8.104
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	25.585	10.177	8.104	-	8.104
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	25.585	10.177	8.104	-	8.104

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
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	-	-	-	-	-	-
† 60mm M8A1 Baseplate		-	-	-	5.000	511	2.555	5.000	70	0.350	-	-	0.000	-	-	-	-	-	-
† 60mm Bipods		-	-	-	5.000	194	0.970	5.000	70	0.350	-	-	0.000	-	-	-	-	-	-
† 60mm Basic Issue / Direct Support Tools		-	-	-	5.000	194	0.970	6.000	70	0.420	-	-	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	-	-	-	-	-	-
† 81mm Bipods		-	-	-	9.000	32	0.288	-	-	0.000	-	-	0.000	-	-	-	-	-	-
† 81mm Basic Issue / Direct Support Tools		-	-	-	14.000	32	0.448	-	-	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	-	-	0.000	-	-	0.000	-	-	-	-	-	-
† 120mm Basic Issue/ Direct Support Tools		-	-	-	11.000	48	0.528	-	-	0.000	-	-	0.000	-	-	-	-	-	-
† M326 Quick Stow		-	-	-	37.000	26	0.963	-	-	0.000	-	-	0.000	-	-	-	-	-	-
† M67 Sight Units		-	-	-	5.000	274	1.370	6.000	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

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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: G02200 - Mortar Systems						Item Nomenclature (Item Number, Item Name, DODIC): G02200 - Mortar Systems						

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	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 (Bill and Baseplates)		-	-	-	-	-	0.260	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Total Recurring Cost</i>				0.000			25.585			10.177			8.104			0.000			8.104
<i>Total Flyaway Cost</i>				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:

Secondary 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

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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: G02200 - Mortar Systems				Item Nomenclature: G02200 - Mortar Systems				
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	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	Y		
60mm Baseplates		2012	Arlington Machine Tool / Fairfield, NJ	C / FP	Picatinny Arsenal, NJ	Mar 2012	Mar 2013	70	5.000	Y		
60mm M8A1 Baseplate		2011	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	Jul 2012	Jul 2013	511	5.000	Y		
60mm M8A1 Baseplate		2012	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	Jul 2012	May 2014	70	5.000	Y		
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	Y		
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	Y		
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	Y		
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	Y		
†120mm Cannon Tubes (M120)		2011	Watervliet Arsenal / Watervliet, NY	PO	Watervliet Arsenal, NY	Sep 2011	Sep 2012	48	18.000	Y		
120mm Baseplates		2011	Watervliet Arsenal / Watervliet, NY	PO	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		

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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: G02200 - Mortar Systems	Item Nomenclature: G02200 - Mortar Systems
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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	Y		
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:

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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:** G02200 - Mortar Systems **Item Nomenclature:** G02200 - Mortar Systems

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012											Fiscal Year 2013																			
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012											Calendar Year 2013																			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						
60mm Cannon Tubes																																					
	1	2011	ARMY	194	0	194	-	-	-	-	-	-	-	-	50	50	44	-	50																		
	1	2012	ARMY	70	0	70	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
81mm Cannon Tubes																																					
	2	2011	ARMY	32	0	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
120mm Cannon Tubes (M120)																																					
	3	2011	ARMY	48	0	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	J U L	A U G	S E P							

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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: G02200 - Mortar Systems	Item Nomenclature: G02200 - Mortar Systems

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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:
 ‡ 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.

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G01500 - M107, Cal. 50, Sniper Rifle
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	17.846	-	-	-	-	-	-	-	-	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.

Secondary 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.

UNCLASSIFIED

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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)
---	--

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)	-	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
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	96.447	38.690	12.055	14.096	-	14.096	25.835	28.617	22.994	23.379	Continuing	Continuing

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	2.833	4.081	6.182	-	6.182	5.872	5.931	6.343	6.549	Continuing	Continuing

Description:

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.

Secondary 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

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)
---	--

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G01501 - XM320 Grenade Launcher Module (GLM)	P5, P5A, P21	A	-	-	-	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.

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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)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	13,655	2,954	2,280	-	2,280
Gross/Weapon System Cost (\$ in Millions)		-	38.690	12.055	14.096	-	14.096
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	38.690	12.055	14.096	-	14.096
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	38.690	12.055	14.096	-	14.096

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

Initial Spares (\$ in Millions)		-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)		-	2.833	4.081	6.182	-	6.182

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
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	-	-	-	-	-	-
† 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	68	0.031	-	-	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	-	-	-	-	-	-
11. Training Device		-	-	-	-	-	0.365	-	-	2.732	-	-	0.000	-	-	-	-	-	-
Total Recurring Cost				0.000			38.690			12.055			14.096			0.000			14.096
Total Flyaway Cost				0.000			38.690			12.055			14.096			0.000			14.096
Gross Weapon System Cost				-			38.690			12.055			14.096			-			14.096

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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)

Remarks:						
Secondary 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

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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: G01501 - XM320 Grenade Launcher Module (GLM)						Item Nomenclature: G01501 - XM320 Grenade Launcher Module (GLM)		
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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:

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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)									

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012										Fiscal Year 2013														
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012										Calendar Year 2013														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
1. M320 Grenade Launcher																															
	1	2011	ARMY	13655	0	13655	-	650	487	650	650	650	650	747	750	750	750	750	1400	1500	1500	1200	571								
	1	2011	♦ AF	813	0	813	-	-	-	-	-	-	-	-	-	-	-	713	100	-	-	-	-								
	1	2011	TOTAL	14468	0	14468	-	650	487	650	650	650	650	747	750	750	750	1463	1500	1500	1500	1200	571								
	2	2012	ARMY	2954	0	2954	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	329	400	400	1825
	2	2013	ARMY (1)	2280	0	2280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	2280
							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	

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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)									

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014										Fiscal Year 2015													
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015													
							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
1. M320 Grenade Launcher																														
	1	2011	ARMY	13655	13655	0																								
	1	2011	♦ AF	813	813	0																								
	1	2011	TOTAL	14468	14468	0																								
	2	2012	ARMY	2954	1129	1825	400	200	200	200	200	300	325																	
	2	2013	ARMY (1)	2280	0	2280	250	250	250	280	300	200	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	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

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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)

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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. Competition 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

UNCLASSIFIED

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 10 : Weapons & Other Combat Vehicles

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

ID Code (A=Service Ready, B=Not Service Ready) : A **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)	-	844	-	-	-	-	-	-	-	-	0	844
Gross/Weapon System Cost (\$ in Millions)	39.493	18.429	-	-	-	-	-	-	-	-	0.000	57.922
Less 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 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 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.

Secondary 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	-	-	-

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)		
G01505 - M110 Semi-Automatic Sniper System (SASS)	P5, P5A, P21	A	-	-	-	-	844	18.429	-	-	-	-	-	-	-	-	-		
Total Gross/Weapon System Cost					39.493			18.429			-			-			-		

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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 10 : Weapons & Other Combat Vehicles		P-1 Line Item Nomenclature: G01505 - M110 Semi-Automatic Sniper System (SASS)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items: 0604601A	Other Related Program Elements:
<small>*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.</small>		
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.		

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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: G01505 - M110 Semi-Automatic Sniper System (SASS)	Item Nomenclature (Item Number, Item Name, DODIC): G01505 - M110 Semi-Automatic Sniper System (SASS)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	844	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	18.429	-	-	-	-
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	18.429	-	-	-	-
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	18.429	-	-	-	-

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

Initial Spares (\$ in Millions)		-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† SASS Weapons		-	-	-	11.214	844	9.465	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Anti Reflection Devices (ARD)		-	-	-	0.200	1,062	0.212	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Spotting Scope Items		-	-	-	0.500	700	0.359	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Ancillary Items		-	-	-	9.500	700	6.653	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
2. Shipping (GBL)		-	-	-	-	-	0.070	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
3. Engineering Support		-	-	-	-	-	0.570	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
4. Testing		-	-	-	-	-	0.050	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
5. Integrated Logistics Support (ILS)		-	-	-	-	-	0.500	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
6. New Equipment Training (NET)		-	-	-	-	-	0.300	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
7. Total Package Fielding (TPF)		-	-	-	-	-	0.250	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Total Recurring Cost				0.000			18.429			0.000			0.000			0.000			0.000
Total Flyaway Cost				0.000			18.429			0.000			0.000			0.000			0.000
Gross Weapon System Cost				-			18.429			-			-			-			-

Remarks:

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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: G01505 - M110 Semi-Automatic Sniper System (SASS)	Item Nomenclature (Item Number, Item Name, DODIC): G01505 - M110 Semi-Automatic Sniper System (SASS)

Secondary 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	-	-	-	-

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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: G01505 - M110 Semi-Automatic Sniper System (SASS)	Item Nomenclature: G01505 - M110 Semi-Automatic Sniper System (SASS)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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			
Ancillary 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.

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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: G01505 - M110 Semi-Automatic Sniper System (SASS)										Item Nomenclature: G01505 - M110 Semi-Automatic Sniper System (SASS)																																					
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2011										Fiscal Year 2012																																								
							Calendar Year 2011										Calendar Year 2012																																								
O C O	MFR Ref #	FY	SERVICE[‡]	PROC QTY	ACCEP TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L																										
SASS Weapons																																																									
	1	2011	ARMY	144	0	144	-	-	-	-	-	A -	-	-	-	-	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																																				
<table border="1"> <tr> <td>O C T</td> <td>N O V</td> <td>D E C</td> <td>J A N</td> <td>F E B</td> <td>M A R</td> <td>A P R</td> <td>M A Y</td> <td>J U N</td> <td>J U L</td> <td>A U G</td> <td>S E P</td> <td>O C T</td> <td>N O V</td> <td>D E C</td> <td>J A N</td> <td>F E B</td> <td>M A R</td> <td>A P R</td> <td>M A Y</td> <td>J U N</td> <td>J U L</td> <td>A U G</td> <td>S E P</td> <td></td> </tr> </table>																																	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	
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																																		

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

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2013														Fiscal Year 2014													
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013														Calendar Year 2014													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
SASS Weapons																																		
	1	2011	ARMY	144	144	0																												
	2	2011	ARMY	700	75	625	80	80	80	80	80	80	80	65																				
	1	2011	TOTAL	144	144	0																												
							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				

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

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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.

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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 10 : Weapons & Other Combat Vehicles

P-1 Line Item Nomenclature:
G14904 - M4 Carbine

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

Resource Summary	Prior Years	FY 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)	-	11,494	12,000	-	-	-	-	-	-	-	0
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
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	1.746	1.808	-	-	-	-	-	-	-	0.000	0.026

Description:

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.

Secondary 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 Schedule	Exhibits	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G14904 - M4 Carbine	P5, P5A, P21	A	-	-	-	1.746	11,494	20.066	1.808	12,000	21.700	-	-	-	-	-	-	-	-	-

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G14904 - M4 Carbine
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ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					570.305			20.066			21.700			-			-			-

*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:
 No FY13 funding. Transitioned to M4A1 Carbine G13503 starting in FY13.

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

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Exhibit P-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: G14904 - M4 Carbine	Item Nomenclature (Item Number, Item Name, DODIC): G14904 - M4 Carbine

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	11,494	12,000	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	20.066	21.700	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	20.066	21.700	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	20.066	21.700	-	-	-

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	1.746	1.808	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† 1. M4 Carbine Series		-	-	-	1.309	11,494	15.042	1.309	12,000	15.705	-	-	0.000	-	-	-	-	-	0.000
† 2. Combat Optics		-	-	-	0.333	11,494	3.827	0.332	12,000	3.987	-	-	0.000	-	-	-	-	-	0.000
3. Engineering, Test and Evaluation Spt		-	-	-	-	-	0.737	-	-	1.308	-	-	0.000	-	-	-	-	-	0.000
4. Integrated Logistics Support		-	-	-	-	-	0.100	-	-	0.200	-	-	0.000	-	-	-	-	-	0.000
4. Total Package Fielding (TPF)		-	-	-	-	-	0.360	-	-	0.500	-	-	0.000	-	-	-	-	-	0.000
Total Recurring Cost				0.000			20.066			21.700			0.000			0.000			0.000
Total Flyaway Cost				0.000			20.066			21.700			0.000			0.000			0.000
Gross Weapon System Cost				-			20.066			21.700			-			-			-

Remarks:

Secondary 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	-	-

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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: G14904 - M4 Carbine	Item Nomenclature: G14904 - M4 Carbine
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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:

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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:** G14904 - M4 Carbine **Item Nomenclature:** G14904 - M4 Carbine

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2013										Fiscal Year 2014													
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013										Calendar Year 2014													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
1. M4 Carbine Series																														
	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	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	1000	1000	1000			
							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

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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: G14904 - M4 Carbine	Item Nomenclature: G14904 - M4 Carbine

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TBD - TBD	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 ♦ 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.

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G13501 - Carbine
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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)	-	-	-	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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	1.773	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 Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G13501 - Carbine	P5, P5A, P21	B	-	-	-	-	-	-	-	-	1.773	12,000	21.272	0.000	-	-	1.773	12,000	21.272	
Total Gross/Weapon System Cost																				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.

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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 10 : Weapons & Other Combat Vehicles		P-1 Line Item Nomenclature: G13501 - Carbine
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items: 0604601A	Other Related Program Elements:
<p>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.</p>		

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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: G13501 - Carbine		Item Nomenclature (Item Number, Item Name, DODIC): G13501 - Carbine			

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	-	-	12,000	-	12,000
Gross/Weapon System Cost (\$ in Millions)	-	-	-	21.272	-	21.272
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	21.272	-	21.272
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	21.272	-	21.272

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	1.773	0.000	1.773

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† 1. M4A1 Carbine		-	-	-	-	-	0.000	-	-	0.000	1.308	12,000	15.696	-	-	0.000	1.308	12,000	15.696
† 2. Combat Optics		-	-	-	-	-	0.000	-	-	0.000	0.269	12,000	3.228	-	-	0.000	0.269	12,000	3.228
3. Engineering, Test, & Evaluation Spt		-	-	-	-	-	0.000	-	-	0.000	-	-	1.548	-	-	0.000	-	-	1.548
4. Integrated Logistics Support (ILS)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.300	-	-	0.000	-	-	0.300
5. Total Package Fielding (TPF)		-	-	-	-	-	0.000	-	-	0.000	-	-	0.500	-	-	0.000	-	-	0.500
Total Recurring Cost				0.000			0.000			0.000			21.272			0.000			21.272
Total Flyaway Cost				0.000			0.000			0.000			21.272			0.000			21.272
Gross Weapon System Cost				-			-			-			21.272			-			21.272

Remarks:

UNCLASSIFIED

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: G13501 - Carbine	Item Nomenclature: G13501 - Carbine
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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:

UNCLASSIFIED

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:** G13501 - Carbine **Item Nomenclature:** G13501 - Carbine

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2013													Fiscal Year 2014											
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2013													Calendar Year 2014											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
1. M4A1 Carbine																															
	1	2013	ARMY	12000	0	12000	-	-	-	-	A	-	-	-	-	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
	1	2013	♦ MC	400	0	400	-	-	-	-	-	-	-	-	-	-	-	-	-	50	50	50	50	100	100	-	-				
	1	2013	♦ NAVY	1000	0	1000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	100	100	100	200	200					
	1	2013	♦ AF	150	0	150	-	-	-	-	-	-	-	-	-	-	50	50	50	-	-	-	-	-	-	-	-				
	1	2013	TOTAL	13550	0	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 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	

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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: G13501 - Carbine	Item Nomenclature: G13501 - Carbine

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TBD - TBD	12000	36000	144000	3	4	6	10	3	4	6	10

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.

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)
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ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Resource Summary	Prior Years	FY 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 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)	-	-	-	3.132	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.

Secondary 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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
G18300 - Shotgun, Modular Accessory System (MASS)	P5, P5A, P21	A	-	-	-	-	2,401	7.112	-	2,244	6.707	3.132	2,107	6.598	0.000	-	-	3.132	2,107	6.598

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					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 breach 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.

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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: G18300 - Shotgun, Modular Accessory System (MASS)	Item Nomenclature (Item Number, Item Name, DODIC): G18300 - Shotgun, Modular Accessory System (MASS)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	2,401	2,244	2,107	-	2,107
Gross/Weapon System Cost (\$ in Millions)		-	7.112	6.707	6.598	-	6.598
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	7.112	6.707	6.598	-	6.598
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	7.112	6.707	6.598	-	6.598

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	3.132	0.000	3.132

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† 1. Shotguns		-	-	-	2.641	2,401	6.341	2.418	2,244	5.427	2.504	2,107	5.275	-	-	0.000	2.504	2,107	5.275
2. Arms Racks		-	-	-	0.820	100	0.082	0.819	138	0.113	0.810	84	0.068	-	-	0.000	0.810	84	0.068
3. Engineering Support		-	-	-	-	-	0.370	-	-	0.587	-	-	0.573	-	-	0.000	-	-	0.573
4. Integrated Logistics Support		-	-	-	-	-	0.053	-	-	0.053	-	-	0.053	-	-	0.000	-	-	0.053
5. Total Package Fielding (TPF)		-	-	-	-	-	0.121	-	-	0.156	-	-	0.160	-	-	0.000	-	-	0.160
6. New Equipment Training (NET)		-	-	-	-	-	0.145	-	-	0.371	-	-	0.469	-	-	0.000	-	-	0.469
Total Recurring Cost				0.000			7.112			6.707			6.598			0.000			6.598
Total Flyaway Cost				0.000			7.112			6.707			6.598			0.000			6.598
Gross Weapon System Cost				-			7.112			6.707			6.598			-			6.598

Remarks:

Secondary 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

UNCLASSIFIED

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: G18300 - Shotgun, Modular Accessory System (MASS)	Item Nomenclature (Item Number, Item Name, DODIC): G18300 - Shotgun, Modular Accessory System (MASS)

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

UNCLASSIFIED

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: G18300 - Shotgun, Modular Accessory System (MASS)					Item Nomenclature: G18300 - Shotgun, Modular Accessory System (MASS)			
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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.												

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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)												

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012											Fiscal Year 2013												
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012											Calendar Year 2013												
							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
1. Shotguns																														
	1	2009	ARMY	2500	0	2500	-	-	-	-	150	250	350	350	350	350	350													
	1	2011	ARMY	2401	0	2401	-	-	-	-	-	A -	-	-	-	-	-	-	350	350	350	350	350	350	301					
	1	2012	ARMY	2244	0	2244	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	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

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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)				

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014														Fiscal Year 2015											
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014														Calendar Year 2015											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
1. Shotguns																																
	1	2009	ARMY	2500	2500	0																										
	1	2011	ARMY	2401	2401	0																										
	1	2012	ARMY	2244	1799	445	350	95																								
	1	2013	ARMY (1)	2107	0	2107	-	255	350	350	350	350	350	102																		
							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		

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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)

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G04700 - Common Remotely Operated Weapons Station (CROWS)
---	---

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)	-	725	-	240	-	240	242	242	242	246	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	1,893.343	160.000	14.890	56.725	-	56.725	56.880	56.911	56.945	57.898	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,893.343	160.000	14.890	56.725	-	56.725	56.880	56.911	56.945	57.898	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,893.343	160.000	14.890	56.725	-	56.725	56.880	56.911	56.945	57.898	Continuing	Continuing

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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.

Secondary 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

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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 10 : Weapons & Other Combat Vehicles

P-1 Line Item Nomenclature:
 G04700 - Common Remotely Operated Weapons Station (CROWS)

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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.

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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)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	725	-	240	-	240
Gross/Weapon System Cost (\$ in Millions)		-	160.000	14.890	56.725	-	56.725
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	160.000	14.890	56.725	-	56.725
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	160.000	14.890	56.725	-	56.725

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

Initial Spares (\$ in Millions)		-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† CROWS system		-	-	-	200.000	725	145.000	-	-	0.000	200.000	240	48.000	-	-	0.000	200.000	240	48.000
First Article Test (Items/Hardware)		-	-	-	-	-	0.000	-	-	10.206	-	-	0.000	-	-	-	-	-	0.000
Vehicle Integration Kit		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Trainers		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Engineering Support		-	-	-	-	-	3.131	-	-	2.106	-	-	1.878	-	-	0.000	-	-	1.878
Integrated Logistics Support		-	-	-	-	-	1.223	-	-	0.182	-	-	0.685	-	-	0.000	-	-	0.685
Total Package Fielding		-	-	-	-	-	1.858	-	-	0.252	-	-	1.040	-	-	0.000	-	-	1.040
Contractor Field Service Representatives		-	-	-	-	-	1.639	-	-	0.219	-	-	0.918	-	-	0.000	-	-	0.918
Production Verification Test		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
First Destination Transportation		-	-	-	-	-	0.042	-	-	0.030	-	-	0.024	-	-	0.000	-	-	0.024
Spares/Repair Parts		-	-	-	-	-	6.107	-	-	1.746	-	-	3.620	-	-	0.000	-	-	3.620
New Equipment Training		-	-	-	-	-	1.000	-	-	0.149	-	-	0.560	-	-	0.000	-	-	0.560
Total Recurring Cost				0.000			160.000			14.890			56.725			0.000			56.725
Total Flyaway Cost				0.000			160.000			14.890			56.725			0.000			56.725

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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)					

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Gross Weapon System Cost				-			160.000			14.890			56.725			-			56.725

Remarks:

Secondary 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

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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: G04700 - Common Remotely Operated Weapons Station (CROWS)					Item Nomenclature: G04700 - Common Remotely Operated Weapons Station (CROWS)			
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ K)	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.

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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)												
Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012										Fiscal Year 2013															
							Calendar Year 2012										Calendar Year 2013															
O C O	MFR Ref #	FY	SERVICE[‡]	PROC QTY	ACCEP TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
CROWS system																																
	1	2011	ARMY	725	0	725	130	125	115	45	45	45	45	45	45	45	40															
	2	2013	ARMY ⁽¹⁾	240	0	240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	40	176	
							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		

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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)											

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2014												Fiscal Year 2015											
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015											
							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
CROWS system																														
	1	2011	ARMY	725	725	0																								
	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	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

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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)

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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.
 ‡ 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

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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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)	-	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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	4,428.571	-	-	-	-	-	-	-	-	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 Guidance Kit when available.

Secondary 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

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total				
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
G01700 - Howitzer Lt Wt 155mm (T)	P5, P5A, P21	A	-	-	-	4,428.571	14	62.000	-	-	13.066	-	-	13.827	-	-	-	-	-	-	13.827

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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 10 : Weapons & Other Combat Vehicles	P-1 Line Item Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)
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ID Code (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Total Gross/Weapon System Cost					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"

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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)

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	14	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	62.000	13.066	13.827	-	13.827
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	62.000	13.066	13.827	-	13.827
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	62.000	13.066	13.827	-	13.827

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	4,428.571	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Quantity (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
† BAE Lightweight 155mm Howitzer		-	-	-	2,350.000	14	32.900	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Watervliet Arsenal Cannon		-	-	-	250.000	14	3.500	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Primer Feed Mechanism		-	-	-	20.000	14	0.280	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
† Optical Fire Control		-	-	-	44.000	14	0.616	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Basic Initial Issue		-	-	-	-	-	0.340	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
System Engineering / Program Management		-	-	-	-	-	2.524	-	-	3.066	-	-	3.360	-	-	0.000	-	-	3.360
Test		-	-	-	-	-	0.490	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Fielding		-	-	-	-	-	1.350	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Interim Contractor Support (ICS)/FSR/NET		-	-	-	-	-	12.000	-	-	10.000	-	-	10.467	-	-	0.000	-	-	10.467
Capability Package 1		-	-	-	-	-	8.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Total Recurring Cost				0.000			62.000			13.066			13.827			0.000			13.827
Total Flyaway Cost				0.000			62.000			13.066			13.827			0.000			13.827
Gross Weapon System Cost				-			62.000			13.066			13.827			-			13.827

Remarks:

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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)

Secondary 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

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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: G01700 - Howitzer Lt Wt 155mm (T)	Item Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ K)</small>	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:

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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:** G01700 - Howitzer Lt Wt 155mm (T) **Item Nomenclature:** G01700 - Howitzer Lt Wt 155mm (T)

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2012										Fiscal Year 2013													
O C O	MFR Ref #	FY	SERVICE [‡] QTY	PROC TO 1 OCT	ACCEP PRIOR AS OF 1 OCT	BAL DUE OF 1 OCT	Calendar Year 2012										Calendar Year 2013										B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G
BAE Lightweight 155mm Howitzer																														
	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 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

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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: G01700 - Howitzer Lt Wt 155mm (T)	Item Nomenclature: G01700 - Howitzer Lt Wt 155mm (T)

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/Year)			PROCUREMENT LEADTIME (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	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.
 ‡ 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.

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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 20 : Mod Of Weapons And Other Combat Veh	P-1 Line Item Nomenclature: GB3000 - MK-19 Grenade Machine Gun MODS
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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)	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 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 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.

Secondary 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.

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
GZ1700 - M777 Mods

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

Resource Summary	Prior Years	FY 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)	-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085

(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 LW155 (also known as the M777A2 howitzer) provides direct, reinforcing, and general support fires to maneuver forces as well as direct support artillery. It is an excellent example of a successful joint service program with the Marine Corps and Army working together to develop, produce, and field the howitzer. The LW155 was first fielded by the Marine Corps in April 2005 and since then the 10th, 11th, 12th, and 14th Marines and the schoolhouses have been fielded. The Army has been fielding the system to its Stryker Brigades and Fires Brigades. The LW155 is seeing significant action in Afghanistan and has received very high marks for its performance. The LW155 is the cannon fire support for the Army's Stryker Brigade Combat Teams and is capable of firing the 155MM Excalibur Munitions and the Precision Guidance Kit when available.

Secondary 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	-	-	23.610	-	23.610	24.410	5.610	-	-
Army National Guard	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	-	3.233	-	3.233	3.220	3.002	-	-

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Digital Fire Control Obsolescence - 0000	P3A		-	-	-	-	-	-	-	-	-	-	-	26.843	-	-	-	-	-	26.843
Total Gross/Weapon System Cost														26.843						26.843

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
 GZ1700 - M777 Mods

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

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Digital Fire Control Obsolescence - 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 P18 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"

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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: GZ1700 - M777 Mods				Modification Nomenclature <i>(Modification Title, Modification Number):</i> Digital Fire Control Obsolescence - 0000				

Models of Systems Affected: 0000			Type Modification: 0000				Related RDT&E PEs:					
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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)	-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	26.843	-	26.843	27.630	8.612	-	-	0.000	63.085

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Funding replaces Mission Computer, Gunners Display, Chief of Section Display, the Communication Location Enclosure, Inertial Navigation Unit, Velocity Motion Sensor, the Defense Advanced GPS Receivers and Platform Integration Kit with the Improved Platform Integration Kit addressing obsolescence and modernization of the Digital Fire Control System. Funding will also replace current lead acid batteries with advance smart battery technology.

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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: GZ1700 - M777 Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): Digital Fire Control Obsolescence - 0000			
Models of Systems Affected: 0000			Type Modification: 0000					Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
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	17.100	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		17.100		0.000		17.100	
<i>Total, Hardware Obsolescence</i>	0	0.000	0	0.000	0	0.000	418	17.100	0	0.000	418	17.100	
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	8.400	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		8.400		0.000		8.400	
<i>Total, Modernization in Service</i>	0	0.000	0	0.000	0	0.000	418	8.400	0	0.000	418	8.400	
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	1.343	
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		1.343		0.000		1.343	
<i>Total, Interoperability - Communication</i>	0	0.000	0	0.000	0	0.000	418	1.343	0	0.000	418	1.343	
<i>Total, All Modifications</i>		0.000		0.000		0.000		26.843		0.000		26.843	
<i>Procurement Cost (Procurement + Support)</i>		0.000		0.000		0.000		26.843		0.000		26.843	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		0.000		0.000		0.000		26.843		0.000		26.843	
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													

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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: GZ1700 - M777 Mods	Modification Nomenclature <i>(Modification Title, Modification Number):</i> Digital Fire Control Obsolescence - 0000

Financial Plan	Type Modification: 0000				Related RDT&E PEs:							
	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	25.712
<i>Subtotal NonRecurring</i>		0.000		8.612		0.000		0.000		0.000		25.712
<i>Total, Hardware Obsolescence</i>	0	0.000	418	8.612	0	0.000	0	0.000	0	0.000	836	25.712
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	8.400
<i>Subtotal NonRecurring</i>		0.000		0.000		0.000		0.000		0.000		8.400
<i>Total, Modernization in Service</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	418	8.400
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	28.973
<i>Subtotal NonRecurring</i>		27.630		0.000		0.000		0.000		0.000		28.973
<i>Total, Interoperability - Communication</i>	418	27.630	0	0.000	0	0.000	0	0.000	0	0.000	836	28.973
<i>Total, All Modifications</i>		27.630		8.612		0.000		0.000		0.000		63.085
<i>Procurement Cost (Procurement + Support)</i>		27.630		8.612		0.000		0.000		0.000		63.085
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		27.630		8.612		0.000		0.000		0.000		63.085

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.

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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: GZ1700 - M777 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Digital Fire Control Obsolescence - 0000

Models of Systems Affected: 0000	Type Modification: 0000	Related RDT&E PEs:
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⁽²⁾Funding will address modernization in service utilizing Engineering Change Proposals to include the purchase of batteries. Current lead acid batteries have limitations with respect to the number of times they can be charged, recharge rate, cold temperature, and operational run time. Advances in smart battery technology will be implemented through a modernization in service approach. Implementation will address these limitations while improving supportability of system as batteries will last significantly longer than current lead acid. Contractor dates will vary depending on the item.

⁽³⁾Funding will address interoperability issues through Software Engineering and Engineering Change Proposals. Specific Digital Fire Control Items to be purchased are Communication Location Enclosure, Radio, and replacement of the Defense Advanced GPS Receiver and Platform Integration Kit with the Improved Platform Integration Kit. Contractor dates will vary depending on the item.

Manufacturer Information: Hardware Obsolescence

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Information: Modernization in Service

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Information: Interoperability - Communication

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Installation: Hardware Obsolescence	Method of Implementation: Engineering Change Proposals including hardware procurement	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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	-	-	-	-	-	-	-	-	-	-	-	-

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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: GZ1700 - M777 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Digital Fire Control Obsolescence - 0000

Models of Systems Affected: 0000	Type Modification: 0000	Related RDT&E PEs:
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Installation: Hardware Obsolescence	Method of Implementation: Engineering Change Proposals including hardware procurement	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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: GZ1700 - M777 Mods
Models of Systems Affected: 0000		Type Modification: 0000
Related RDT&E PEs:		

Installation: Modernization in Service	Method of Implementation: Engineering Change Proposals to include procurement of batteries	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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: GZ1700 - M777 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Digital Fire Control Obsolescence - 0000

Models of Systems Affected: 0000	Type Modification: 0000	Related RDT&E PEs:
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Installation: Modernization in Service	Method of Implementation: Engineering Change Proposals to include procurement of batteries	Installation Name:
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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: Interoperability - Communication	Method of Implementation: Software Engineering and Engineering Change Proposals to include procurement of hardware	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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	-	-	-	-	-	-	-	-	-	-	-	-

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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: GZ1700 - M777 Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): Digital Fire Control Obsolescence - 0000

Models of Systems Affected: 0000	Type Modification: 0000	Related RDT&E PEs:
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Installation: Interoperability - Communication	Method of Implementation: Software Engineering and Engineering Change Proposals to include procurement of hardware	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
GB3007 - M4 Carbine Mods

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)	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 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 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 Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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
Item Schedule		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
M4 PIP - TBD	P3A		-	-	30.889	-	-	32.170	-	-	36.195	-	-	23.265	-	-	-	-	-	-
Total Gross/Weapon System Cost					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 P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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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 20 : Mod Of Weapons And Other Combat Veh		P-1 Line Item Nomenclature: GB3007 - M4 Carbine Mods
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items: 0604601A	Other Related Program Elements:
<p>FY 2013 Base procurement dollars in the amount of \$27.243 million supports the Active Army by procuring Close Quarters Battle Kits, improved combat optics and product improvement kit components to upgrade the M4 Carbine. The Close Quarters Battle Kit (CQBK) can be used with the Soldier's primary weapons, the M4 Carbine, M4A1 Carbine and the M16A4 Rifle. The CQBK provides the Soldier with multiple low cost items to increase lethality and survivability. Improved Combat Optics enhances the capability to identify and engage targets at all ranges. The items used in the modular weapon system are key components of soldier lethality and allows unit leaders to configure weapons based upon mission requirements. The M4 carbine upgrade converts the M4 to the M4A1.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense 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.</p>		

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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: GB3007 - M4 Carbine Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): M4 PIP - TBD				

Models of Systems Affected: M4/M4A1 CARBINE			Type Modification: Increased Performance					Related RDT&E PEs:				
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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.

Development Status/Major Development Milestones

Date	Title	Description
Jan 2011	Multiple RFPs Release (5)	M4 PIP Phase 1
Feb 2011	Evaluation & Down Select	M4 PIP Phase 1
Mar 2011	Contract Awards	M4 PIP Phase 1
Jul 2011	Initial Prod. Delivery	M4 PIP Phase 1
Sep 2013	First Unit Equip	M4 PIP Phase 1
Apr 2011	Multiple RFPs Release (2)	M4 PIP Phase 2
Mar 2012	Evaluation and Down Select	M4 PIP Phase 2
Feb 2016	Contract Awards	M4 PIP Phase 2
May 2017	Initial Prod. Delivery	M4 PIP Phase 2

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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: GB3007 - M4 Carbine Mods						Modification Nomenclature (<i>Modification Title, Modification Number</i>): M4 PIP - TBD			
Models of Systems Affected: M4/M4A1 CARBINE			Type Modification: Increased Performance				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
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
<i>Subtotal Recurring</i>		147.500		4.720		4.300		3.995		0.000		3.995
<i>Total, Combat Optics</i>	449,229	147.500	5,246	4.720	4,638	4.300	18,500	3.995	0	0.000	18,500	3.995
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
<i>Subtotal Recurring</i>		295.400		22.144		6.200		7.800		0.000		7.800
<i>Total, Close Quarters Battle Kit</i>	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

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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: GB3007 - M4 Carbine Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): M4 PIP - TBD			
Models of Systems Affected: M4/M4A1 CARBINE			Type Modification: Increased Performance				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
Integrated Logistics Support	0	0.000	0	0.044	0	0.050	0	0.048	0	0.000	0	0.048
<i>Subtotal Recurring</i>		0.000		30.000		31.392		15.448		0.000		15.448
<i>Total, M4 Product Improvement Program (PIP) Phase I</i>	0	0.000	64,518	30.000	35,340	31.392	23,000	15.448	0	0.000	23,000	15.448
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	0.000
System Support	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	0.000
Integrated Logistics Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000
<i>Total, M4 Product Improvement Program (PIP) Phase II</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
Total, All Modifications		442.900		56.864		41.892		27.243		0.000		27.243
<i>Procurement Cost (Procurement + Support)</i>		442.900		56.864		41.892		27.243		0.000		27.243
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		442.900		56.864		41.892		27.243		0.000		27.243
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	157.528
Engineering Support	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	12.095
Test	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.400
Integrated Logistical Support	0	0.050	0	0.100	0	0.100	0	0.100	0	0.000	0	3.270
Total Package Fielding	0	0.050	0	0.100	0	0.100	0	0.100	0	0.000	0	2.500

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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: GB3007 - M4 Carbine Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): M4 PIP - TBD			
Models of Systems Affected: M4/M4A1 CARBINE			Type Modification: Increased Performance				Related RDT&E PEs:					
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
New Equipment Training	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	0.550
<i>Subtotal Recurring</i>		4.300		4.228		3.900		3.400		0.000		176.343
<i>Total, Combat Optics</i>	4,328	4.300	4,104	4.228	3,605	3.900	3,018	3.400	0	0.000	492,668	176.343
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	335.300
Improved Magazines	84,111	0.700	0	0.000	0	0.000	0	0.000	0	0.000	459,684	3.900
Engineering Support	0	0.300	0	0.300	0	0.300	0	0.300	0	0.000	0	14.200
Integrated Logistic Support	0	0.100	0	0.100	0	0.100	0	0.200	0	0.000	0	5.300
Total Package Fielding	0	0.200	0	0.200	0	0.200	0	0.300	0	0.000	0	3.844
<i>Subtotal Recurring</i>		8.000		8.300		9.000		5.700		0.000		362.544
<i>Total, Close Quarters Battle Kit</i>	104,303	8.000	22,253	8.300	23,117	9.000	12,940	5.700	0	0.000	703,378	362.544
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	98.202
System Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	4.510
Engineering Support	0	0.429	0	0.377	0	0.403	0	0.425	0	0.000	0	3.020
Integrated Logistics Support	0	0.060	0	0.065	0	0.045	0	0.045	0	0.000	0	0.357
<i>Subtotal Recurring</i>		13.889		14.442		0.448		0.470		0.000		106.089
<i>Total, M4 Product Improvement Program (PIP) Phase I</i>	27,600	13.889	29,300	14.442	0	0.448	0	0.470	0	0.000	179,758	106.089
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	13.032
System Support	0	0.000	0	0.000	0	5.052	0	0.000	0	0.000	0	5.052
Engineering Support	0	0.000	0	0.000	0	0.218	0	0.223	0	0.000	0	0.441

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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: GB3007 - M4 Carbine Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): M4 PIP - TBD

Models of Systems Affected: M4/M4A1 CARBINE	Type Modification: Increased Performance	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Integrated Logistics Support	0	0.000	0	0.000	0	0.151	0	0.166	0	0.000	0	0.317
<i>Subtotal Recurring</i>		0.000		0.000		17.147		1.695		0.000		18.842
<i>Total, M4 Product Improvement Program (PIP) Phase II</i>	0	0.000	0	0.000	26,634	17.147	2,966	1.695	0	0.000	29,600	18.842
<i>Total, All Modifications</i>		26.189		26.970		30.495		11.265		0.000		663.818
<i>Procurement Cost (Procurement + Support)</i>		26.189		26.970		30.495		11.265		0.000		663.818
<i>Total Installation Cost</i>		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:

(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.

(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 Information: Combat Optics							
Manufacturer Name: Trijicon Inc.				Manufacturer Location: Wixom, MI			
Administrative Leadtime (in Months): 6				Production Leadtime (in Months): 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 Information: Close Quarters Battle Kit							
Manufacturer Name: Otis Products Inc.				Manufacturer Location: Lyons Falls, NY			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 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

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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: GB3007 - M4 Carbine Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): M4 PIP - TBD

Models of Systems Affected: M4/M4A1 CARBINE	Type Modification: Increased Performance	Related RDT&E PEs:
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Manufacturer Information: M4 Product Improvement Program (PIP) Phase I

Manufacturer Name: various vendors	Manufacturer Location: various locations
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 15

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jul 2011	May 2012	Feb 2013	Feb 2014	Feb 2015	Feb 2016	Feb 2017
Delivery Dates	Jun 2012	Aug 2013	May 2014	May 2015	May 2016	May 2017	May 2018

Manufacturer Information: M4 Product Improvement Program (PIP) Phase II

Manufacturer Name: various vendors	Manufacturer Location: various locations
Administrative Leadtime (<i>in Months</i>): 4	Production Leadtime (<i>in Months</i>): 15

Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates						Feb 2016	Feb 2017
Delivery Dates						May 2017	May 2018

Installation: Combat Optics	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

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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: GB3007 - M4 Carbine Mods
Modification Nomenclature (Modification Title, Modification Number): M4 PIP - TBD		

Models of Systems Affected: M4/M4A1 CARBINE	Type Modification: Increased Performance	Related RDT&E PEs:
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Installation: Combat Optics	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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: Close Quarters Battle Kit	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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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: GB3007 - M4 Carbine Mods
Modification Nomenclature (Modification Title, Modification Number): M4 PIP - TBD		

Models of Systems Affected: M4/M4A1 CARBINE	Type Modification: Increased Performance	Related RDT&E PEs:
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Installation: Close Quarters Battle Kit	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
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		
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: M4 Product Improvement Program (PIP) Phase I	Method of Implementation: Installed by SARET	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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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: GB3007 - M4 Carbine Mods
		Modification Nomenclature (Modification Title, Modification Number): M4 PIP - TBD

Models of Systems Affected: M4/M4A1 CARBINE	Type Modification: Increased Performance	Related RDT&E PEs:
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Installation: M4 Product Improvement Program (PIP) Phase I	Method of Implementation: Installed by SARET	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
FY 2011	48,000	4.700	16,518	1.789	0	0.000	0	0.000	0	0.000	64,518	6.489
FY 2012	0	0.000	31,482	3.411	3,858	0.458	0	0.000	0	0.000	35,340	3.869
FY 2013	0	0.000	0	0.000	23,000	2.731	0	0.000	0	0.000	23,000	2.731
FY 2014	0	0.000	0	0.000	21,142	2.511	6,458	1.138	0	0.000	27,600	3.649
FY 2015	0	0.000	0	0.000	0	0.000	29,300	5.162	0	0.000	29,300	5.162
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	48,000	4.700	48,000	5.200	48,000	5.700	35,758	6.300	0	0.000	179,758	21.900

Installation Schedule																														
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	0	0	0	0	0	0	0	0	0	0	4,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	7,758	0	079,758	
Out	-	0	0	0	0	0	0	0	0	0	0	0	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,758	0	079,758	

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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: GB3007 - M4 Carbine Mods
Models of Systems Affected: M4/M4A1 CARBINE		Type Modification: Increased Performance
		Related RDT&E PEs:

Installation: M4 Product Improvement Program (PIP) Phase II	Method of Implementation: Installed by SARET	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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: GB3007 - M4 Carbine Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): M4 PIP - TBD

Models of Systems Affected: M4/M4A1 CARBINE	Type Modification: Increased Performance	Related RDT&E PEs:
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Installation: M4 Product Improvement Program (PIP) Phase II	Method of Implementation: Installed by SARET	Installation Name:
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Installation Schedule																																			
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	-	0	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	4,000	12,000	13,600	29,600
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	0	0	0	0	0	12,000	7,600	29,600

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
GB4000 - M2 50 Cal Machine Gun MODS

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 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 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 Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
M2 Mods - TBD	P3A		-	-	39.942	-	-	38.041	-	-	29.690	-	-	50.176	-	-	-	-	-	-
Total Gross/Weapon System Cost					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 P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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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 20 : Mod Of Weapons And Other Combat Veh		P-1 Line Item Nomenclature: GB4000 - M2 50 Cal Machine Gun MODS
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items: 0604601A	Other Related Program Elements:
<p>FY13 Base procurement dollars in the amount of \$39.974 million supports the Active Army by purchasing 6,754 M2A1 Quick Change Barrel Kits to modify the .50 Caliber M2 Heavy Barrel Machine Gun, into a fixed headspace and timing configuration. The M2A1 decreases the time required to change the barrel while improving safety and reliability of the weapon.</p> <p>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.</p>		

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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/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

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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: GB4000 - M2 50 Cal Machine Gun MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 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:

Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
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	38.500
Engineering Support	0	2.400	0	0.573	0	1.300	0	0.774	0	0.000	0	0.774
Testing	0	0.500	0	0.000	0	0.300	0	0.000	0	0.000	0	0.000
Integrated Logistics Support	0	0.500	0	0.000	0	0.100	0	0.100	0	0.000	0	0.100
Fielding	0	0.400	0	0.000	0	0.100	0	0.100	0	0.000	0	0.100
New Equipment Training	0	0.370	0	0.000	0	0.100	0	0.100	0	0.000	0	0.100
First Destination Transp	0	0.400	0	0.300	0	0.400	0	0.300	0	0.000	0	0.300
Anniston Conversion	0	0.000	0	0.540	0	1.012	0	0.100	0	0.000	0	0.100
Anniston Packaging	0	0.000	0	0.500	0	0.200	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		52.670		52.500		43.000		39.974		0.000		39.974
<i>Total, M2A1 Quick Change Barrel Kit</i>	6,408	52.670	7,913	52.500	6,928	43.000	6,754	39.974	0	0.000	6,754	39.974
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	0.000
XM205 Tripod Qty	0	0.000	2,370	5.924	2,042	5.106	0	0.000	0	0.000	0	0.000
Engineering Support	0	0.100	0	0.911	0	0.350	0	0.000	0	0.000	0	0.000
Integrated Logistics Support	0	0.000	0	0.100	0	0.100	0	0.000	0	0.000	0	0.000
New Equipment Training	0	0.000	0	0.200	0	0.100	0	0.000	0	0.000	0	0.000
Fielding	0	0.000	0	0.165	0	0.100	0	0.000	0	0.000	0	0.000
First Destination Transportation	0	0.000	0	0.200	0	0.100	0	0.000	0	0.000	0	0.000
<i>Subtotal Recurring</i>		8.600		7.500		5.856		0.000		0.000		0.000
<i>Total, Tripods</i>	12,109	8.600	2,370	7.500	2,042	5.856	0	0.000	0	0.000	0	0.000

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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: GB4000 - M2 50 Cal Machine Gun MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 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:	
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
<i>Total, All Modifications</i>		61.270		60.000		48.856		39.974		0.000		39.974
<i>Procurement Cost (Procurement + Support)</i>		61.270		60.000		48.856		39.974		0.000		39.974
<i>Total Installation Cost</i>		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

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	328.675
Engineering Support	0	0.642	0	0.741	0	0.690	0	0.876	0	0.000	0	7.996
Testing	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.800
Integrated Logistics Support	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	1.100
Fielding	0	0.100	0	0.100	0	0.100	0	0.200	0	0.000	0	1.100
New Equipment Training	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	0.970
First Destination Transp	0	0.300	0	0.300	0	0.300	0	0.300	0	0.000	0	2.600
Anniston Conversion	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	2.052
Anniston Packaging	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.700
<i>Subtotal Recurring</i>		39.942		38.041		29.690		50.176		0.000		345.993
<i>Total, M2A1 Quick Change Barrel Kit</i>	6,754	39.942	6,403	38.041	5,000	29.690	8,508	50.176	0	0.000	54,668	345.993
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	8.500
XM205 Tripod Qty	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4,412	11.030

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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: GB4000 - M2 50 Cal Machine Gun MODS	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 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:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		21.956
<i>Total, Tripods</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	16.521	21.956
<i>Total, All Modifications</i>		39.942		38.041		29.690		50.176		0.000		367.949
<i>Procurement Cost (Procurement + Support)</i>		39.942		38.041		29.690		50.176		0.000		367.949
<i>Total Installation Cost</i>		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:

(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.

(2)M3 Tripods and XM205 Lightweight Tripods mount for M2/MK19 Machine Guns in dismantled role.

Manufacturer Information: M2A1 Quick Change Barrel Kit

Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (in Months): 4				Production Leadtime (in Months): 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 Information: Tripods

Manufacturer Name: NA				Manufacturer Location: NA			
Administrative Leadtime (in Months): 10				Production Leadtime (in Months): 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					

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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: GB4000 - M2 50 Cal Machine Gun MODS
Models of Systems Affected: Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun		Modification Nomenclature (<i>Modification Title, Modification Number</i>): M2 Mods - TBD
Type Modification: Increase performance		Related RDT&E PEs:

Installation: M2A1 Quick Change Barrel Kit			Method of Implementation: Overhaul/conversion				Installation Name:					
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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: GB4000 - M2 50 Cal Machine Gun MODS
Models of Systems Affected: Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun		Modification Nomenclature (Modification Title, Modification Number): M2 Mods - TBD
Type Modification: Increase performance		Related RDT&E PEs:

Installation: M2A1 Quick Change Barrel Kit	Method of Implementation: Overhaul/conversion	Installation Name:
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Installation Schedule

	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	0	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	1,737	1,736	1,735	1,735	1,735	1,735	1,747	1,748	1,747	1,748	1,740	1,618	54,668
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	1,748	1,748	3,358	54,668

Installation: Tripods	Method of Implementation: Installed by Troops	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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: GB4000 - M2 50 Cal Machine Gun MODS
Models of Systems Affected: Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun		Modification Nomenclature (<i>Modification Title, Modification Number</i>): M2 Mods - TBD
Type Modification: Increase performance		Related RDT&E PEs:

Installation: Tripods		Method of Implementation: Installed by Troops				Installation Name:						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
GZ1290 - M249 SAW Machine Gun MODS

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

Resource Summary	Prior Years	FY 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 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 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, short barrel blank firing adapter and improved sling assembly.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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 Complete			Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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.

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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 20 : Mod Of Weapons And Other Combat Veh		P-1 Line Item Nomenclature: GZ1290 - M249 SAW Machine Gun MODS
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<p>Justification: FY13 Base procurement dollars in the amount of \$4.996 million supports the Active Army by purchasing short barrels, short barrel blank firing adapters (BFA), improved collapsible buttstocks, light weight ground mounts, 200 round soft pack magazine, feedbox support improvement kit (FSIK) for the M249 SAW Machine Gun weapon system. The improved bipod is stronger than the existing bipod. It allows the Soldier better adjustability and is compatible with the accessory rail kit. The improved collapsible buttstock provides the Soldier improved ergonomics resulting in better target acquisition. The M249 when deployed with a collapsible buttstock and short barrel it reduces the overall weapon length by 10 inches, when compared to the standard issue M249 SAW. The shorter length improves Military Operation in Urban Terrain (MOUT), and Airborne/Air Assault Operations. It allows for easier egress and entrance into vehicles and confined areas, also facilitates clearing operation in current urban combat environments. The shortened M249 improves survivability in extended missions and close combat situations encountered in current war-time deployments. The M192 Light Weight Ground Mount, which weighs 11 lbs., reduces the Soldier's combat load weight by 7.2 lbs. It incorporates a modern traverse and elevating mechanism that maintains a predetermined elevation throughout the full range of weapon traverse, as well as contains a series of index marks that enables gunners to construct a range data card.</p> <p>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.</p>		

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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 (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD					
Models of Systems Affected: M249 SAW Machine Gun			Type Modification: Increased Performance				Related 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)	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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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.

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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 (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD				
Models of Systems Affected: M249 SAW Machine Gun			Type Modification: Increased Performance				Related RDT&E PEs:						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
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	0.000	
Engineering Support	0	2.700	0	0.158	0	0.135	0	0.050	0	0.000	0	0.050	
Integrated Logistical Support	0	0.700	0	0.030	0	0.000	0	0.000	0	0.000	0	0.000	
Fielding	0	0.300	0	0.076	0	0.074	0	0.074	0	0.000	0	0.074	
Program Management Support	0	0.000	0	0.146	0	0.050	0	0.050	0	0.000	0	0.050	
<i>Subtotal Recurring</i>		19.600		0.583		0.394		0.174		0.000		0.174	
<i>Total, M249 SAW Bipod</i>	0	19.600	1,617	0.583	1,458	0.394	0	0.174	0	0.000	0	0.174	
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	0.000	
Short Barrel	0	0.000	4,740	1.554	0	0.000	3,297	1.174	0	0.000	3,297	1.174	
Blank Firing Adapter	0	0.000	2,818	0.248	4,505	0.417	0	0.000	0	0.000	0	0.000	
Collapsible Buttstock	0	0.000	2,000	0.464	2,761	0.679	2,288	0.572	0	0.000	2,288	0.572	
Engineering Support	0	3.800	0	0.287	0	0.270	0	0.254	0	0.000	0	0.254	
Integrated Logistical Support	0	0.600	0	0.020	0	0.000	0	0.000	0	0.000	0	0.000	
Fielding	0	0.200	0	0.149	0	0.146	0	0.148	0	0.000	0	0.148	
Program Management Support	0	0.000	0	0.246	0	0.492	0	0.255	0	0.000	0	0.255	
<i>Subtotal Recurring</i>		64.600		2.968		2.004		2.403		0.000		2.403	
<i>Total, M249 Short Barrel/Short Barrel BFA/Coll Buttstock</i>	0	64.600	9,558	2.968	7,266	2.004	5,585	2.403	0	0.000	5,585	2.403	
Light Weight Ground Mount ⁽³⁾													
B Kits													
Recurring													

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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 (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD			
Models of Systems Affected: M249 SAW Machine Gun			Type Modification: Increased Performance				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Hardware- Lightweight Ground Mount	0	26.500	880	0.833	2,529	2.521	1,029	1.056	0	0.000	1,029	1.056
Engineering Support	0	2.400	0	0.178	0	0.171	0	0.172	0	0.000	0	0.172
Program Management Support	0	0.100	0	0.061	0	0.110	0	0.110	0	0.000	0	0.110
Integrated Logistical Support	0	0.300	0	0.030	0	0.025	0	0.030	0	0.000	0	0.030
Fielding	0	0.200	0	0.075	0	0.074	0	0.074	0	0.000	0	0.074
<i>Subtotal Recurring</i>		29.500		1.177		2.901		1.442		0.000		1.442
<i>Total, Light Weight Ground Mount</i>	0	29.500	880	1.177	2,529	2.901	1,029	1.442	0	0.000	1,029	1.442
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	0.000
200 Rd Magazine	0	0.000	0	0.000	26,793	1.661	0	0.000	0	0.000	0	0.000
Slings	0	0.000	6,000	0.231	1,230	0.303	0	0.000	0	0.000	0	0.000
Feedbox Support Improvement Kit	0	0.000	17,784	0.635	15,829	0.931	6,645	0.698	0	0.000	6,645	0.698
Engineering Support	0	1.200	0	0.133	0	0.122	0	0.114	0	0.000	0	0.114
Fielding	0	0.100	0	0.075	0	0.074	0	0.075	0	0.000	0	0.075
Program Management Support	0	0.000	0	0.086	0	0.090	0	0.090	0	0.000	0	0.090
<i>Subtotal Recurring</i>		11.100		1.160		3.181		0.977		0.000		0.977
<i>Total, 200rd/Feedbox Spt Improvement Kit</i>	0	11.100	23,784	1.160	43,852	3.181	6,645	0.977	0	0.000	6,645	0.977
<i>Total, All Modifications</i>		124.800		5.888		8.480		4.996		0.000		4.996
<i>Procurement Cost (Procurement + Support)</i>		124.800		5.888		8.480		4.996		0.000		4.996
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		124.800		5.888		8.480		4.996		0.000		4.996
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
Procurement												

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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 (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD				
Models of Systems Affected: M249 SAW Machine Gun			Type Modification: Increased Performance				Related RDT&E PEs:						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
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	16.208	
Engineering Support	0	0.045	0	0.040	0	0.035	0	0.030	0	0.000	0	3.193	
Integrated Logistical Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.730	
Fielding	0	0.074	0	0.072	0	0.072	0	0.072	0	0.000	0	0.814	
Program Management Support	0	0.060	0	0.050	0	0.050	0	0.050	0	0.000	0	0.456	
<i>Subtotal Recurring</i>		0.179		0.162		0.157		0.152		0.000		21.401	
<i>Total, M249 SAW Bipod</i>	0	0.179	0	0.162	0	0.157	0	0.152	0	0.000	3,075	21.401	
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	60.000	
Short Barrel	3,189	1.161	4,723	1.738	4,253	1.614	6,113	2.343	0	0.000	26,315	9.584	
Blank Firing Adapter	8,585	0.841	4,267	0.431	12,182	1.267	9,576	1.025	0	0.000	41,933	4.229	
Collapsible Buttstock	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	7,049	1.715	
Engineering Support	0	0.242	0	0.228	0	0.216	0	0.204	0	0.000	0	5.501	
Integrated Logistical Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.620	
Fielding	0	0.146	0	0.147	0	0.147	0	0.147	0	0.000	0	1.230	
Program Management Support	0	0.255	0	0.486	0	0.255	0	0.320	0	0.000	0	2.309	
<i>Subtotal Recurring</i>		2.645		3.030		3.499		4.039		0.000		85.188	
<i>Total, M249 Short Barrel/Short Barrel BFA/Coll Buttstock</i>	11,774	2.645	8,990	3.030	16,435	3.499	15,689	4.039	0	0.000	75,297	85.188	
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	34.466	

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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 (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD
Models of Systems Affected: M249 SAW Machine Gun	Type Modification: Increased Performance	Related RDT&E PEs:

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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
<i>Subtotal Recurring</i>		1.456		1.481		1.175		0.917		0.000		40.049
<i>Total, Light Weight Ground Mount</i>	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
<i>Subtotal Recurring</i>		0.818		0.482		0.414		0.225		0.000		18.357
<i>Total, 200rd/Feedbox Spt Improvement Kit</i>	10,360	0.818	6,000	0.482	6,000	0.414	0	0.225	0	0.000	96,641	18.357
<i>Total, All Modifications</i>		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:

⁽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.

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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 (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD		
Models of Systems Affected: M249 SAW Machine Gun		Type Modification: Increased Performance			Related RDT&E PEs:		
<p>⁽²⁾The M249 Machine Gun (MG) Short Barrel provides a short version of the 5.56mm automatic weapon. The short barrel, when used in conjunction with the M5 Collapsible Buttstock, shortens the M249 MG by 10 inches. The shorter weapon enhances operational capability by improving Military Operations in Urban Terrain (MOUT) maneuverability and Airborne/Air Assault jump capabilities. The short barrel blank firing adapters allow realistic training with the short barrel currently not available to the Soldier.</p> <p>⁽³⁾The light weight ground mount reduces the weight of the current tripod by 7.2 lbs. It incorporates a modern traverse and elevating mechanism that maintains a predetermined elevation throughout the full range of weapon traverse, as well as contains a series of index marks that enables gunners to construct a range data card.</p> <p>⁽⁴⁾The 200-round soft pack magazine provides quiet operation and easy reloading with a 200 round capacity. The M249 Sling Assembly provides improved durability, easier adjustability, improved human factors and improved quick detach buckles. The dovetail support strengthens the magazine/weapon interface preventing unintended detaching of the magazine during rough handling. The improved barrel bag provides superior durability to withstand hot barrels and improved carry capacity.</p>							
Manufacturer Information: M249 SAW Bipod							
Manufacturer Name: TRI Technology Industries				Manufacturer Location: Mt. Vernon, NY			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 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 Information: M249 Short Barrel/Short Barrel BFA/Coil Buttstock							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 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: Light Weight Ground Mount							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 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: 200rd/Feedbox Spt Improvement Kit							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 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	

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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
Models of Systems Affected: M249 SAW Machine Gun		Modification Nomenclature (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD
Type Modification: Increased Performance		Related RDT&E PEs:

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	Method of Implementation: Installed by Troops	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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
Models of Systems Affected: M249 SAW Machine Gun		Modification Nomenclature (Modification Title, Modification Number): M249 SAW Machine Gun MODS - TBD
Type Modification: Increased Performance		Related RDT&E PEs:

Installation: M249 SAW Bipod		Method of Implementation: Installed by Troops				Installation Name:						
Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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: M249 Short Barrel/Short Barrel BFA/Coll Buttstock		Method of Implementation: Installed by Troops				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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
Models of Systems Affected: M249 SAW Machine Gun		Modification Nomenclature (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD
Type Modification: Increased Performance		Related RDT&E PEs:

Installation: M249 Short Barrel/Short Barrel BFA/Coll Buttstock	Method of Implementation: Installed by Troops	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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: Light Weight Ground Mount	Method of Implementation: Installed by Troops	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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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
Models of Systems Affected: M249 SAW Machine Gun		Modification Nomenclature (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD
Type Modification: Increased Performance		Related RDT&E PEs:

Installation: Light Weight Ground Mount	Method of Implementation: Installed by Troops	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	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		
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: 200rd/Feedbox Spt Improvement Kit	Method of Implementation: Installed by Troops	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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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
Models of Systems Affected: M249 SAW Machine Gun		Modification Nomenclature (<i>Modification Title, Modification Number</i>): M249 SAW Machine Gun MODS - TBD
Type Modification: Increased Performance		Related RDT&E PEs:

Installation: 200rd/Feedbox Spt Improvement Kit	Method of Implementation: Installed by Troops	Installation Name:										
Installation Cost	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
GZ1300 - M240 Medium Machine Gun MODS

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

Resource Summary	Prior Years	FY 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 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 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 Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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
		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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			-			-

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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 20 : Mod Of Weapons And Other Combat Veh		P-1 Line Item Nomenclature: GZ1300 - M240 Medium Machine Gun MODS
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<small>*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.</small>		
Justification: FY13 Base procurement dollars in the amount of \$6.806 million supports the Active Army by purchasing system enhancements for the M240B/L Medium Machine Gun Weapon System. System enhancements have been identified by fielded units to further improve the reliability and functionality of this weapon system. These include improved bipods, collapsible buttstocks which complete production of these items and allow for fielding to approximately 25 Infantry Brigade Combat Teams (IBCT). Additionally, improved hydraulic buffers will be acquired that support the M240B's in service, as well provide funding for an improved rail system and improved barrels. M240L reduces the Soldier's combat load while allowing easier handling and movement of the weapon. In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.		

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Exhibit P-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 (<i>Modification Title, Modification Number</i>): M240 Series System Improvements - TBD

Models of Systems Affected: M240 Medium Machine Gun	Type Modification: Installed by Troops	Related RDT&E PEs:
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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.

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

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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 (<i>Modification Title, Modification Number</i>): M240 Series System Improvements - TBD		

Models of Systems Affected: M240 Medium Machine Gun	Type Modification: Installed by Troops	Related RDT&E PEs:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
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
<i>Subtotal Recurring</i>		56.000		15.762		15.718		6.806		0.000		6.806
<i>Total, M240 Series System Improvements</i>	0	56.000	33,175	15.762	32,400	15.718	14,196	6.806	0	0.000	14,196	6.806
<i>Total, All Modifications</i>		56.000		15.762		15.718		6.806		0.000		6.806
<i>Procurement Cost (Procurement + Support)</i>		56.000		15.762		15.718		6.806		0.000		6.806
<i>Total Installation Cost</i>		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

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
M240 Series System Improvements ⁽¹⁾												
B Kits												
Recurring												

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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 (<i>Modification Title, Modification Number</i>): M240 Series System Improvements - TBD

Models of Systems Affected: M240 Medium Machine Gun	Type Modification: Installed by Troops	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Hardware	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	33,175	68.700
Bipods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	4,700	2.600
Collapsible Buttstock	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	5,700	4.400
Improved Buffer	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	34,196	9.200
Improved Rails	11,000	1.600	13,000	1.900	13,000	2.200	14,196	2.200	0	0.000	51,196	7.900
Improved Barrel	2,550	2.200	2,000	1.800	2,550	2.100	2,200	2.100	0	0.000	11,300	9.700
Engineering Support	0	0.500	0	0.400	0	0.200	0	0.300	0	0.000	0	5.400
Integrated Logistical Support	0	0.200	0	0.200	0	0.100	0	0.100	0	0.000	0	2.200
Fielding	0	0.219	0	0.385	0	0.168	0	0.147	0	0.000	0	3.205
<i>Subtotal Recurring</i>		4.719		4.685		4.768		4.847		0.000		113.305
<i>Total, M240 Series System Improvements</i>	13,550	4.719	15,000	4.685	15,550	4.768	16,396	4.847	0	0.000	140,267	113.305
<i>Total, All Modifications</i>		4.719		4.685		4.768		4.847		0.000		113.305
<i>Procurement Cost (Procurement + Support)</i>		4.719		4.685		4.768		4.847		0.000		113.305
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		4.719		4.685		4.768		4.847		0.000		113.305

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 Information: M240 Series System Improvements							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months): 5				Production Leadtime (in 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

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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 (<i>Modification Title, Modification Number</i>): M240 Series System Improvements - TBD
Models of Systems Affected: M240 Medium Machine Gun	Type Modification: Installed by Troops	Related RDT&E PEs:

Installation: M240 Series System Improvements		Method of Implementation: Installed by Troops				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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
Models of Systems Affected: M240 Medium Machine Gun		Modification Nomenclature <i>(Modification Title, Modification Number):</i> M240 Series System Improvements - TBD
Type Modification: Installed by Troops		Related RDT&E PEs:

Installation: M240 Series System Improvements	Method of Implementation: Installed by Troops	Installation Name:
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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 20 : Mod Of Weapons And Other Combat Veh	P-1 Line Item Nomenclature: GZ1500 - Sniper Rifles Modifications
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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)	-	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 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:

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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
SNIPER RIFLES MODIFICATIONS (GZ1500) - TBD	P3A		-	-	-	-	-	20.900	-	-	1.994	-	-	14.113	-	-	-	-	-	14.113
Total Gross/Weapon System Cost								20.900			1.994			14.113						14.113

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
 GZ1500 - Sniper Rifles Modifications

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

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
SNIPER RIFLES MODIFICATIONS (GZ1500) - TBD	P3A		-	-	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.

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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 (<i>Modification Title, Modification Number</i>): 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:	
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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

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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 (<i>Modification Title, Modification Number</i>): 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:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
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	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		6.700		0.000		6.700	
<i>Total, M110 Compact</i>													
	0	0.000	0	0.000	0	0.000	800	6.700	0	0.000	800	6.700	
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	
<i>Subtotal Recurring</i>													
		0.000		0.000		0.000		6.600		0.000		6.600	
<i>Total, M107 to M107A1 Upgrade</i>													
	0	0.000	0	0.000	0	0.000	600	6.600	0	0.000	600	6.600	
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	
<i>Subtotal Recurring</i>													
		0.000		20.900		0.100		0.100		0.000		0.100	
<i>Total, M24 SWS to XM2010 ESR</i>													
	0	0.000	2,270	20.900	0	0.100	0	0.100	0	0.000	0	0.100	
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	

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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 (<i>Modification Title, Modification Number</i>): 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:
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Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
Engineering Support (ESIP)	0	0.000	0	0.000	0	0.294	0	0.294	0	0.000	0	0.294
<i>Subtotal Recurring</i>		0.000		0.000		1.894		0.713		0.000		0.713
<i>Total, Sniper Upgrades and Accessories</i>	0	0.000	0	0.000	160	1.894	41	0.713	0	0.000	41	0.713
<i>Total, All Modifications</i>		0.000		20.900		1.994		14.113		0.000		14.113
<i>Procurement Cost (Procurement + Support)</i>		0.000		20.900		1.994		14.113		0.000		14.113
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000
Total Cost (Procurement + Support + Installation)		0.000		20.900		1.994		14.113		0.000		14.113

Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	6.200
Engineering Support	0	0.300	0	0.300	0	0.300	0	0.150	0	0.000	0	1.550
<i>Subtotal Recurring</i>		0.300		0.300		0.300		0.150		0.000		7.750
<i>Total, M110 Compact</i>	0	0.300	0	0.300	0	0.300	0	0.150	0	0.000	800	7.750
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	5.800
Engineering Support	0	0.150	0	0.150	0	0.150	0	0.150	0	0.000	0	1.400
<i>Subtotal Recurring</i>		0.150		0.150		0.150		0.150		0.000		7.200
<i>Total, M107 to M107A1 Upgrade</i>	0	0.150	0	0.150	0	0.150	0	0.150	0	0.000	600	7.200
M24 SWS to XM2010 ESR ⁽³⁾												

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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 (<i>Modification Title, Modification Number</i>): 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:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	20.300
Engineering Support	0	0.100	0	0.100	0	0.100	0	0.100	0	0.000	0	1.200
<i>Subtotal Recurring</i>		<i>0.100</i>		<i>0.100</i>		<i>0.100</i>		<i>0.100</i>		<i>0.000</i>		<i>21.500</i>
<i>Total, M24 SWS to XM2010 ESR</i>	<i>0</i>	<i>0.100</i>	<i>0</i>	<i>0.100</i>	<i>0</i>	<i>0.100</i>	<i>0</i>	<i>0.100</i>	<i>0</i>	<i>0.000</i>	<i>2,270</i>	<i>21.500</i>
Sniper Upgrades and Accessories ⁽⁴⁾												
Recurring												
Sniper Upgrades and Accessories	116	1.167	116	1.168	116	1.169	135	1.353	0	0.000	684	6.876
Engineering Support (ESIP)	0	0.300	0	0.300	0	0.300	0	0.300	0	0.000	0	1.788
<i>Subtotal Recurring</i>		<i>1.467</i>		<i>1.468</i>		<i>1.469</i>		<i>1.653</i>		<i>0.000</i>		<i>8.664</i>
<i>Total, Sniper Upgrades and Accessories</i>	<i>116</i>	<i>1.467</i>	<i>116</i>	<i>1.468</i>	<i>116</i>	<i>1.469</i>	<i>135</i>	<i>1.653</i>	<i>0</i>	<i>0.000</i>	<i>684</i>	<i>8.664</i>
<i>Total, All Modifications</i>		<i>2.017</i>		<i>2.018</i>		<i>2.019</i>		<i>2.053</i>		<i>0.000</i>		<i>45.114</i>
<i>Procurement Cost (Procurement + Support)</i>		<i>2.017</i>		<i>2.018</i>		<i>2.019</i>		<i>2.053</i>		<i>0.000</i>		<i>45.114</i>
<i>Total Installation Cost</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>		<i>0.000</i>
Total Cost (Procurement + Support + Installation)		2.017		2.018		2.019		2.053		0.000		45.114

Remarks:

- (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).

Manufacturer Information: M110 Compact	
Manufacturer Name: N/A	Manufacturer Location: N/A

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: GZ1500 - Sniper Rifles Modifications
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): 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:
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Manufacturer Information: M110 Compact							
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Mar 2013				
Delivery Dates			Jul 2013				

Manufacturer Information: M107 to M107A1 Upgrade							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 5			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates			Mar 2013				
Delivery Dates			Jul 2013				

Manufacturer Information: M24 SWS to XM2010 ESR							
Manufacturer Name: Remington				Manufacturer Location: Madison, NC			
Administrative Leadtime (<i>in Months</i>): 6				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Apr 2012						
Delivery Dates	Jul 2012						

Manufacturer Information: Sniper Upgrades and Accessories							
Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Mar 2012	Mar 2013	Mar 2014	Mar 2015	Mar 2016	Mar 2017
Delivery Dates		Jun 2012	Jun 2013	Jun 2014	Jun 2015	Jun 2016	Jun 2017

Installation: M110 Compact											
Method of Implementation: Installed by Contractor						Installation Name:					

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
All Prior Years	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: GZ1500 - Sniper Rifles Modifications	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 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: M110 Compact	Method of Implementation: Installed by Contractor	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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
Total	0	0.000	0	0.000	0	0.000	300	0.000	0	0.000	300	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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: GZ1500 - Sniper Rifles Modifications	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 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:
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Installation: M110 Compact	Method of Implementation: Installed by Contractor	Installation Name:
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Installation Schedule																																							
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot								
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
In	-	0	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	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	0	0	0	0	0	0	0	0	800

Installation: M107 to M107A1 Upgrade	Method of Implementation: Installed by Contractor	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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: GZ1500 - Sniper Rifles Modifications	Modification Nomenclature (<i>Modification Title, Modification Number</i>): 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:
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Installation: M107 to M107A1 Upgrade	Method of Implementation: Installed by Contractor	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	400	0.000	0	0.000	0	0.000	0	0.000	0	0.000	600	0.000

Installation Schedule																																								
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot										
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												
In	-	0	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	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	0	0	0	0	0	0	0	0	0	600

Installation: M24 SWS to XM2010 ESR	Method of Implementation: Installed by Contractor	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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: GZ1500 - Sniper Rifles Modifications
Models of Systems Affected: M110 SASS, M107 LRSR, M24 SWS, XM2010 ESR		Modification Nomenclature (Modification Title, Modification Number): SNIPER RIFLES MODIFICATIONS (GZ1500) - TBD
Type Modification: Increased Performance		Related RDT&E PEs:

Installation: M24 SWS to XM2010 ESR	Method of Implementation: Installed by Contractor	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	0	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	0	2,270
Out	-	0	0	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	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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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
Models of Systems Affected: M110 SASS, M107 LRSR, M24 SWS, XM2010 ESR		Modification Nomenclature (Modification Title, Modification Number): SNIPER RIFLES MODIFICATIONS (GZ1500) - TBD
Type Modification: Increased Performance		Related RDT&E PEs:

Installation: Sniper Upgrades and Accessories		Method of Implementation: Installed by Soldiers				Installation Name:						
Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
 GC0401 - M119 Modifications

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

Resource Summary	Prior Years	FY 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 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 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.

Secondary 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	49.170	24.755	12.436	-	12.436	11.224	40.445	56.679	-
Army National Guard	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	11.916	13.946	8.291	-	8.291	7.483	26.964	9.227	-

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
M119 Modifications - -	P3A		-	-	47.394	-	-	61.086	-	-	38.701	-	-	20.727	-	-	-	-	-	20.727
Total Gross/Weapon System Cost					47.394			61.086			38.701			20.727			-			20.727

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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 20 : Mod Of Weapons And Other Combat Veh	P-1 Line Item Nomenclature: GC0401 - M119 Modifications
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
M119 Modifications - -	P3A		-	-	18.707	-	-	67.409	-	-	65.906	-	-	-	-	-	0.000	-	-	319.930
Total Gross/Weapon System Cost					18.707			67.409			65.906			-			0.000			319.930

*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 \$20.727 million supports the procurement of a Digital Fire Control System. The Digital Fire Control System will enhance system survivability and lethality through the ability to make tactical moves and acquire targets at a significantly higher rate than an optical fire control equipped weapon. This modification will be applied to the fleet of 603 M119A2 Howitzers.

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

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Exhibit P-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: GC0401 - M119 Modifications				Modification Nomenclature (<i>Modification Title, Modification Number</i>): M119 Modifications - -				

Models of Systems Affected: M119A2 Howitzer			Type Modification: -				Related 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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Modifications to M119A2 Howitzer.
 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.

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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: GC0401 - M119 Modifications					Modification Nomenclature (<i>Modification Title, Modification Number</i>): M119 Modifications - -			
Models of Systems Affected: M119A2 Howitzer				Type Modification: -				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
M119 Modifications ⁽¹⁾													
A Kits													
Recurring													
M119 Modifications	480	0.000	85	21.246	0	0.000	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		21.246		0.000		0.000		0.000		0.000	
<i>Total, M119 Modifications</i>	480	0.000	85	21.246	0	0.000	0	0.000	0	0.000	0	0.000	
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	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
<i>Total, Recoil Capability Package</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
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	12.365	
Logistics & Fielding	0	2.400	0	1.240	0	1.200	0	1.300	0	0.000	0	1.300	
Program Management	0	3.500	0	1.600	0	1.601	0	1.602	0	0.000	0	1.602	
System Engineering	0	0.000	0	0.000	0	0.000	0	3.360	0	0.000	0	3.360	
Engineering Change Orders (ECO)	0	0.000	0	0.000	0	0.000	0	2.100	0	0.000	0	2.100	
<i>Subtotal Recurring</i>		47.394		39.840		38.701		20.727		0.000		20.727	
<i>Total, Digitization</i>	50	47.394	150	39.840	150	38.701	43	20.727	0	0.000	43	20.727	
<i>Total, All Modifications</i>		47.394		61.086		38.701		20.727		0.000		20.727	
<i>Procurement Cost (Procurement + Support)</i>		47.394		61.086		38.701		20.727		0.000		20.727	
<i>Total Installation Cost</i>		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		47.394		61.086		38.701		20.727		0.000		20.727	

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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: GC0401 - M119 Modifications					Modification Nomenclature (<i>Modification Title, Modification Number</i>): M119 Modifications - -			
Models of Systems Affected: M119A2 Howitzer					Type Modification: -					Related RDT&E PEs:			
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
M119 Modifications ⁽¹⁾													
A Kits													
Recurring													
M119 Modifications	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	565	21.246	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		21.246	
<i>Total, M119 Modifications</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	565	21.246	
Recoil Capability Package ⁽²⁾													
A Kits													
Recurring													
Recoil System Upgrade	0	0.000	0	31.358	0	22.653	0	0.000	0	0.000	0	54.011	
<i>Subtotal Recurring</i>		0.000		31.358		22.653		0.000		0.000		54.011	
<i>Total, Recoil Capability Package</i>	0	0.000	0	31.358	0	22.653	0	0.000	0	0.000	0	54.011	
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	186.162	
Logistics & Fielding	0	1.300	0	5.377	0	6.947	0	0.000	0	0.000	0	19.764	
Program Management	0	1.603	0	1.604	0	1.605	0	0.000	0	0.000	0	13.115	
System Engineering	0	3.381	0	4.496	0	5.095	0	0.000	0	0.000	0	16.332	
Engineering Change Orders (ECO)	0	2.100	0	2.800	0	2.300	0	0.000	0	0.000	0	9.300	
<i>Subtotal Recurring</i>		18.707		36.051		43.253		0.000		0.000		244.673	
<i>Total, Digitization</i>	38	18.707	81	36.051	91	43.253	0	0.000	0	0.000	603	244.673	
<i>Total, All Modifications</i>		18.707		67.409		65.906		0.000		0.000		319.930	
Procurement Cost (Procurement + Support)		18.707		67.409		65.906		0.000		0.000		319.930	
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		18.707		67.409		65.906		0.000		0.000		319.930	

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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: GC0401 - M119 Modifications	Modification Nomenclature (<i>Modification Title, Modification Number</i>): M119 Modifications - -

Models of Systems Affected: M119A2 Howitzer	Type Modification: -	Related RDT&E PEs:
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Remarks:
 (1) This modification includes enhanced M187A1 fire control mounts, new panoramic telescope mounting bracket and other items required to conduct continuous high elevation, high zone operation.
 (2) 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.
 Manufacturer and Contract award dates for Recoil Capability Package will vary based on each component.
 (3) The digital fire control modification includes an Inertial Navigation Unit (INU), Fire Control Computers, Gunner's 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.
 Procurement of the Digital Fire Control System is contracted seperately for each major component, with various contract award dates. Application will occur in Battalion sets of 17 each over a two-month period.

Manufacturer Information: M119 Modifications

Manufacturer Name: Seiler Instrument & Manufacturing Company, Inc.				Manufacturer Location: St. Louis, MO			
Administrative Leadtime (<i>in Months</i>): 7				Production Leadtime (<i>in Months</i>): 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 Information: Recoil Capability Package

Manufacturer Name: -				Manufacturer Location: -			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Information: Digitization

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (<i>in Months</i>):				Production Leadtime (<i>in Months</i>):			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

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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: GC0401 - M119 Modifications
Modification Nomenclature (Modification Title, Modification Number): M119 Modifications - -		

Models of Systems Affected: M119A2 Howitzer	Type Modification: -	Related RDT&E PEs:
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Installation: M119 Modifications	Method of Implementation: -	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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: GC0401 - M119 Modifications	Modification Nomenclature (<i>Modification Title, Modification Number</i>): M119 Modifications - -

Models of Systems Affected: M119A2 Howitzer	Type Modification: -	Related RDT&E PEs:
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Installation: M119 Modifications	Method of Implementation: -	Installation Name:
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Installation Schedule																																							
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot								
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4										
In	480	45	40	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	0	0	0	0	565
Out	480	45	40	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	0	0	0	0	565

Installation: Recoil Capability Package	Method of Implementation: -	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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	-	-	-	-	-	-	-	-	-	-	-	-

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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: GC0401 - M119 Modifications
Modification Nomenclature (Modification Title, Modification Number): M119 Modifications - -		

Models of Systems Affected: M119A2 Howitzer	Type Modification: -	Related RDT&E PEs:
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Installation: Recoil Capability Package	Method of Implementation: -	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	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		
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: Digitization	Method of Implementation: -	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
All Prior Years	0	0.000	0	0.000	17	0.000	33	0.000	0	0.000	33	0.000
FY 2011	0	0.000	0	0.000	0	0.000	103	0.000	0	0.000	103	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	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	0.000	0	0.000	17	0.000	136	0.000	0	0.000	136	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	50	0.000
FY 2011	47	0.000	0	0.000	0	0.000	0	0.000	0	0.000	150	0.000

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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: GC0401 - M119 Modifications
Modification Nomenclature (Modification Title, Modification Number): M119 Modifications - -		

Models of Systems Affected: M119A2 Howitzer	Type Modification: -	Related RDT&E PEs:
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Installation: Digitization	Method of Implementation: -	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	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	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

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
GZ2800 - M16 Rifle Mods

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)	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 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 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 Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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
Item Schedule		ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
Item Nomenclature*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
M16 RIFLE MODS - TBD	P3A		-	-	3.287	-	-	3.283	-	-	3.338	-	-	3.394	-	-	-	-	-	-
Total Gross/Weapon System Cost					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 P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

Justification:

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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 20 : Mod Of Weapons And Other Combat Veh		P-1 Line Item Nomenclature: GZ2800 - M16 Rifle Mods
ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items: 0604601A	Other Related Program Elements:
<p>FY 2013 Base procurement dollars in the amount of \$3.306 million supports the Active Army in purchasing improved combat optics, Close Quarters Battle Kits, and collapsible buttstocks. The improved combat optics enhance the capability to identify and engage targets from 300 to 600m for 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 engagements and close quarters engagements. The Close Quarters Battle Kit provides the Soldier with multiple low cost items to increase lethality and survivability with the M4/M4A1 carbine and/or M16A4 rifle. 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.</p> <p>FY 2013 OCO procurement dollars in the amount of \$15.422 million supports the Army by procuring improved weapons cleaning kits, which is an item of the Close Quarters Battle (CQB) Kit. The improved cleaning kit provides multiple components to enhance the Soldiers ability to clean and maintain his weapon for increased reliability, durability and weapon safety.</p> <p>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.</p>		

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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: GZ2800 - M16 Rifle Mods				Modification Nomenclature (<i>Modification Title, Modification Number</i>): M16 RIFLE MODS - TBD				

Models of Systems Affected: M16 RIFLE			Type Modification: Increased Performance				Related 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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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.

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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: GZ2800 - M16 Rifle Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): M16 RIFLE MODS - TBD			
Models of Systems Affected: M16 RIFLE				Type Modification: Increased Performance				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
Procurement													
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	1.800	
Engineering Support	0	0.700	0	0.185	0	0.100	0	0.100	0	0.000	0	0.100	
Integrated Logistical Support	0	0.200	0	0.200	0	0.050	0	0.050	0	0.000	0	0.050	
Total Package Fielding	0	0.200	0	0.200	0	0.050	0	0.050	0	0.000	0	0.050	
<i>Subtotal Recurring</i>		10.500		2.585		2.000		2.000		0.000		2.000	
<i>Total, Combat Optics</i>	14,486	10.500	2,261	2.585	2,037	2.000	2,073	2.000	0	0.000	2,073	2.000	
Close Quarters Battle Kit ⁽²⁾													
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	16.428	
Engineering Support	0	0.700	0	0.290	0	0.050	0	0.250	0	0.000	0	0.250	
Integrated Logistic Support	0	0.100	0	0.044	0	0.020	0	0.020	0	0.000	0	0.020	
Fielding	0	0.100	0	0.040	0	0.030	0	0.030	0	0.000	0	0.030	
<i>Subtotal Recurring</i>		3.700		1.247		0.876		1.306		15.422		16.728	
<i>Total, Close Quarters Battle Kit</i>	84,272	3.700	3,066	1.247	2,684	0.876	3,144	1.306	48,211	15.422	51,355	16.728	
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	0.000	
Engineering Support	0	0.000	0	0.000	0	0.200	0	0.000	0	0.000	0	0.000	
<i>Subtotal Recurring</i>		0.000		0.000		0.600		0.000		0.000		0.000	
<i>Total, Collapsible Buttstock</i>	0	0.000	0	0.000	2,000	0.600	0	0.000	0	0.000	0	0.000	
<i>Total, All Modifications</i>		14.200		3.832		3.476		3.306		15.422		18.728	
<i>Procurement Cost (Procurement + Support)</i>		14.200		3.832		3.476		3.306		15.422		18.728	

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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: GZ2800 - M16 Rifle Mods					Modification Nomenclature (<i>Modification Title, Modification Number</i>): M16 RIFLE MODS - TBD				
Models of Systems Affected: M16 RIFLE				Type Modification: Increased Performance				Related RDT&E PEs:						
Financial Plan			Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
<i>Total Installation Cost</i>				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
Financial Plan			FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
			<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>	<i>Qty (Each)</i>	<i>Total Cost (\$ M)</i>
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
<i>Subtotal Recurring</i>				2.000		2.000		2.000		2.046		0.000		25.131
<i>Total, Combat Optics</i>			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
<i>Subtotal Recurring</i>				0.987		0.983		0.938		1.348		0.000		26.807
<i>Total, Close Quarters Battle Kit</i>			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

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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: GZ2800 - M16 Rifle Mods	Modification Nomenclature (<i>Modification Title, Modification Number</i>): M16 RIFLE MODS - TBD

Models of Systems Affected: M16 RIFLE	Type Modification: Increased Performance	Related RDT&E PEs:
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Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Engineering Support	0	0.100	0	0.100	0	0.100	0	0.000	0	0.000	0	0.500
<i>Subtotal Recurring</i>		0.300		0.300		0.400		0.000		0.000		1.600
<i>Total, Collapsible Buttstock</i>	1,000	0.300	1,000	0.300	1,000	0.400	0	0.000	0	0.000	5,000	1.600
<i>Total, All Modifications</i>		3.287		3.283		3.338		3.394		0.000		53.538
<i>Procurement Cost (Procurement + Support)</i>		3.287		3.283		3.338		3.394		0.000		53.538
<i>Total Installation Cost</i>		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:

- (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.
- (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: Combat Optics

Manufacturer Name: Trijicon, Inc.				Manufacturer Location: Wixom, MI			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 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: Close Quarters Battle Kit

Manufacturer Name: Various				Manufacturer Location: Various			
Administrative Leadtime (in Months): 3				Production Leadtime (in Months): 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

Manufacturer Information: Collapsible Buttstock

Manufacturer Name: FM Manufacturing, Allied Materials, P&S Products				Manufacturer Location: Columbia, SC; Lexington, KY; Kansas City, MO			
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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: GZ2800 - M16 Rifle Mods
		Modification Nomenclature (<i>Modification Title, Modification Number</i>): M16 RIFLE MODS - TBD

Models of Systems Affected: M16 RIFLE	Type Modification: Increased Performance	Related RDT&E PEs:
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Manufacturer Information: Collapsible Buttstock

Administrative Leadtime (*in Months*): 8 Production Leadtime (*in 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 **Method of Implementation:** Installed by Soldiers **Installation Name:**

Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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: GZ2800 - M16 Rifle Mods
Modification Nomenclature (Modification Title, Modification Number): M16 RIFLE MODS - TBD		

Models of Systems Affected: M16 RIFLE	Type Modification: Increased Performance	Related RDT&E PEs:
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Installation: Combat Optics	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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: Close Quarters Battle Kit	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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: GZ2800 - M16 Rifle Mods
Modification Nomenclature (Modification Title, Modification Number): M16 RIFLE MODS - TBD		

Models of Systems Affected: M16 RIFLE	Type Modification: Increased Performance	Related RDT&E PEs:
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Installation: Close Quarters Battle Kit	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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: Collapsible Buttstock	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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: GZ2800 - M16 Rifle Mods
Modification Nomenclature (Modification Title, Modification Number): M16 RIFLE MODS - TBD		

Models of Systems Affected: M16 RIFLE	Type Modification: Increased Performance	Related RDT&E PEs:
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Installation: Collapsible Buttstock	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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 20 : Mod Of Weapons And Other Combat Veh

P-1 Line Item Nomenclature:
 GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)

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)	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 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 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.

Secondary 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	6.048	2.973	3.072	-	3.072	3.112	3.122	3.179	3.232

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Modifications Less Than \$5.0M - TBD	P3A		-	-	35.900	-	-	6.048	-	-	2.973	-	-	3.072	-	-	-	-	-	3.072
Total Gross/Weapon System Cost				35.900			6.048			2.973			3.072			-			3.072	

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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 20 : Mod Of Weapons And Other Combat Veh	P-1 Line Item Nomenclature: GC0925 - Modifications Less Than \$5.0m (WOCV-WTCV)
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ID Code (A=Service Ready, B=Not Service Ready) : B **Program Elements for Code B Items:** 0604601A **Other Related Program Elements:**

Item Nomenclature*	Exhibits	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total		
			Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
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.

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD				

Models of Systems Affected: Small Arms Weapons			Type Modification: Increase performance					Related RDT&E PEs:				
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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 following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

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)

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD			
Models of Systems Affected: Small Arms Weapons			Type Modification: Increase performance				Related RDT&E PEs:					
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
Procurement												
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	2.372
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
<i>Subtotal Recurring</i>		7.900		4.970		2.500		2.972		0.000		2.972
<i>Total, M150 Rifle Combat Optic (RCO)</i>	8,533	7.900	27,690	4.970	12,571	2.500	13,554	2.972	0	0.000	13,554	2.972
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
<i>Subtotal Recurring</i>		0.000		0.961		0.000		0.000		0.000		0.000
<i>Total, Sniper Components and Accessories</i>	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
<i>Subtotal Recurring</i>		0.300		0.000		0.473		0.100		0.000		0.100
<i>Total, Tripods</i>	100	0.300	0	0.000	220	0.473	0	0.100	0	0.000	0	0.100

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD				
Models of Systems Affected: Small Arms Weapons			Type Modification: Increase performance				Related RDT&E PEs:						
Financial Plan	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)	
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	0.000	
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	
<i>Subtotal Recurring</i>		27.700		0.117		0.000		0.000		0.000		0.000	
<i>Total, M145 Machine Gun Optic</i>	37,349	27.700	0	0.117	0	0.000	0	0.000	0	0.000	0	0.000	
Squad 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	0.000	
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	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.000	
<i>Total, Squad Common Optic (SCO)</i>	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		3.072	
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	

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD				
Models of Systems Affected: Small Arms Weapons			Type Modification: Increase performance				Related RDT&E PEs:						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
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	18.654	
Engineering Support	0	0.300	0	0.082	0	0.135	0	0.000	0	0.000	0	1.517	
Testing	0	0.100	0	0.000	0	0.000	0	0.000	0	0.000	0	0.400	
Integrated Logistical Support	0	0.150	0	0.000	0	0.000	0	0.000	0	0.000	0	0.550	
Fielding	0	0.150	0	0.000	0	0.000	0	0.000	0	0.000	0	0.550	
<i>Subtotal Recurring</i>		3.112		0.082		0.135		0.000		0.000		21.671	
<i>Total, M150 Rifle Combat Optic (RCO)</i>	13,700	3.112	0	0.082	0	0.135	0	0.000	0	0.000	76,048	21.671	
Sniper Components and Accessories ⁽²⁾													
B Kits													
Recurring													
Sniper Components and Accessories	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1,226	0.561	
Engineering Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.100	
Testing	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.100	
Integrated Logistical Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.100	
Fielding	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.100	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.961	
<i>Total, Sniper Components and Accessories</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	1,226	0.961	
Tripods ⁽³⁾													
B Kits													
Recurring													
Tripods	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	320	0.573	
Engineering, ILS, TPF Support	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.300	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		0.873	
<i>Total, Tripods</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	320	0.873	

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD				
Models of Systems Affected: Small Arms Weapons			Type Modification: Increase performance				Related RDT&E PEs:						
Financial Plan	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total		
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	
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	23.900	
Support Equipment	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	3.200	
Integrated Logistical Support	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	0.417	
<i>Subtotal Recurring</i>		0.000		0.000		0.000		0.000		0.000		27.817	
<i>Total, M145 Machine Gun Optic</i>	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	37,349	27.817	
Squad 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	5.600	
Engineering Support	0	0.000	0	0.340	0	0.344	0	0.332	0	0.000	0	1.016	
Integrated Logistics Spt (ILS)	0	0.000	0	0.100	0	0.100	0	0.100	0	0.000	0	0.300	
Total Package Fielding (TPF)-	0	0.000	0	0.100	0	0.100	0	0.100	0	0.000	0	0.300	
New Equipment Training (NET)	0	0.000	0	0.200	0	0.200	0	0.200	0	0.000	0	0.600	
Fielding	0	0.000	0	0.300	0	0.300	0	0.300	0	0.000	0	0.900	
Support Equipment	0	0.000	0	0.100	0	0.100	0	0.100	0	0.000	0	0.300	
Interim Contractor Support	0	0.000	0	0.100	0	0.100	0	0.100	0	0.000	0	0.300	
<i>Subtotal Recurring</i>		0.000		3.040		3.044		3.232		0.000		9.316	
<i>Total, Squad Common Optic (SCO)</i>	0	0.000	1,800	3.040	1,800	3.044	2,000	3.232	0	0.000	5,600	9.316	
Total, All Modifications		3.112		3.122		3.179		3.232		0.000		60.638	
Procurement Cost (Procurement + Support)		3.112		3.122		3.179		3.232		0.000		60.638	
Total Installation Cost		0.000		0.000		0.000		0.000		0.000		0.000	
Total Cost (Procurement + Support + Installation)		3.112		3.122		3.179		3.232		0.000		60.638	
Remarks:													

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD		
Models of Systems Affected: Small Arms Weapons		Type Modification: Increase performance			Related RDT&E PEs:		
<p>(1)The M150 Rifle Combat Optic (RCO) provides improved capability to recognize and engage targets at ranges from 300 to 600 meters with the M4/M4A1 Carbine, M16A2 and M16A4 Rifle, and the M249 Squad Automatic Weapon (SAW). The optic does not degrade the Soldier's ability to conduct reflexive fire techniques and allows the Soldier to transition rapidly between long range and close quarters engagements.</p> <p>(2)Sniper components and accessories provide modifications and optics for the M110 Semi-Automatic Sniper System (SASS), M24 Sniper Weapon System (SWS), and the M107 Semi-Automatic Long Range Sniper Rifle (LRSR). Modifications and components include improved bipods and monopods, buttstocks, ranging reticles, electronic fire control systems, suppressors, improved barrels, improved optics and boresighting kits, and sniper accessory kits. These modifications provide the Soldier with improved accuracy, lethality and reliability.</p> <p>(3)The M3 Tripod and XM205 Lightweight Tripod support the M2/M2A1, MK19 and XM806 Lightweight Machine Guns in the dismounted role. The XM205 Tripod goal reduces the Soldier's weight burden by 30% (M3 tripod weighs 50.2 pounds), and provides enhanced integrated traverse and elevation mechanism for quicker, more accurate target engagement.</p> <p>(4)The M145 Machine Gun Optic Program provides a 3.4x, laser hardened telescope sight for the 7.62mm M240B Medium Machine Gun and 5.56mm M249 Squad Automatic Weapon (SAW). The optic sight allows the Soldier to identify and engage targets at longer ranges and at lower light levels more effectively than existing iron sighting system. The optic sight also provides the Soldier with a greater hit probability.</p> <p>(5)The Squad Common Optic (SCO) 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). The improvement will provide greater hit probability. The Squad Common Optic (SCO) consists of one optic that provides accurate ballistic hold-over's for multiple calibers and barrel lengths.</p>							
Manufacturer Information: M150 Rifle Combat Optic (RCO)							
Manufacturer Name: TRIJICON, Inc				Manufacturer Location: Wixom, MI			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 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			
Delivery Dates	Apr 2011	Apr 2012	Apr 2013	Apr 2014			
Manufacturer Information: Sniper Components and Accessories							
Manufacturer Name: LEUPOLD & STEVENS, INC.				Manufacturer Location: Beaverton, OR			
Administrative Leadtime (<i>in Months</i>): 3				Production Leadtime (<i>in Months</i>): 4			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates	Jan 2011						
Delivery Dates	Apr 2011						
Manufacturer Information: Tripods							
Manufacturer Name: TBD				Manufacturer Location: TBD			
Administrative Leadtime (<i>in Months</i>): 10				Production Leadtime (<i>in Months</i>): 6			
Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates		Aug 2012					
Delivery Dates		Jan 2013					

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modification: Increase performance	Related RDT&E PEs:
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Manufacturer Information: M145 Machine Gun Optic

Manufacturer Name: N/A	Manufacturer Location: N/A
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Administrative Leadtime (<i>in Months</i>):	Production Leadtime (<i>in Months</i>):
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates							
Delivery Dates							

Manufacturer Information: Squad Common Optic (SCO)

Manufacturer Name: TBD	Manufacturer Location: TBD
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Administrative Leadtime (<i>in Months</i>): 1	Production Leadtime (<i>in Months</i>): 5
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Dates	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
Contract Dates					Nov 2014	Jan 2016	Jan 2017
Delivery Dates					Mar 2015	May 2016	May 2017

Installation: M150 Rifle Combat Optic (RCO)

Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
All Prior Years	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modification: Increase performance	Related RDT&E PEs:
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Installation: M150 Rifle Combat Optic (RCO)	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
In	-	0	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: Sniper Components and Accessories	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modification: Increase performance	Related RDT&E PEs:
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Installation: Sniper Components and Accessories	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
Total	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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		FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
	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		
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: Tripods	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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

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:
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Installation: Tripods	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modification: Increase performance	Related RDT&E PEs:
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Installation: M145 Machine Gun Optic	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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 (<i>Modification Title, Modification Number</i>): Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modification: Increase performance	Related RDT&E PEs:
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Installation: M145 Machine Gun Optic	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Schedule																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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: Squad Common Optic (SCO)	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	Prior Years		FY 2011		FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 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)
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 Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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

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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 <i>(Modification Title, Modification Number):</i> Modifications Less Than \$5.0M - TBD

Models of Systems Affected: Small Arms Weapons	Type Modification: Increase performance	Related RDT&E PEs:
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Installation: Squad Common Optic (SCO)	Method of Implementation: Installed by Soldiers	Installation Name:
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Installation Cost	FY 2014		FY 2015		FY 2016		FY 2017		To Complete		Total	
	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
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																															
	APY	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				TC	Tot
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
In	-	0	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

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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: GL3200 - Items Less Than \$5.0m (WOCV-WTCV)
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Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:					
		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
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
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.

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

Secondary Distribution	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Army Active					
Quantity	-	-	-	-	-
Total Obligation Authority	7.824	10.080	10.115	-	10.115

Project Schedule			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	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 emergency repairs and maintenance.	P25		-	0.324	0.012	0.029	-	0.029

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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 Items:** **Other Related Program Elements:**

Project Schedule		ID CD	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Project	Exhibits		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	2.370
Large Capacity Mills (Small Arms) and laboratory relocation	P25		-	1.779	2.375	2.370	-	2.370
Watervliet Arsenal			0.000	1.738	2.375	2.370	0.000	2.370
Machine Equipment installation with site preparation.	P25		-	1.738	2.375	2.370	-	2.370
ATEC Test Range Instrumentation			0.000	3.449	4.763	4.769	0.000	4.769
Instrumentation for production testing of WTCV systems.	P25		-	3.449	4.763	4.769	-	4.769
(Uncategorized)			0.000	0.534	0.555	0.577	0.000	0.577
Watervliet			0.000	0.534	0.555	0.577	0.000	0.577
Layaway of Industrial Facilities (LIF)			-	0.534	0.555	0.577	-	0.577
Total Gross/Weapon System Cost			0.000	7.824	10.080	10.115	0.000	10.115

*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 five-year 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 requirements. 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

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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 Items:	Other Related Program Elements:
<p>effort at all facilities preserves the Army's abilities to respond to increases in production capabilities while keeping active production costs down. The effort allows the Army to excess equipment that is no longer needed. Economies are derived from this effort that benefit the entire Army.</p> <p>PIF funds directly support production of small caliber weapons systems, large caliber weapons systems and combat service support equipment at Rock Island Arsenal with modernization and upgrade requests supporting current and new manufacturing capabilities such as small arms spare parts and gages (e.g. 50-caliber M2 Machine Gun, MK19 40mm Machine Gun, M249 Light Machine Gun, M240 Series Machine Gun, M14 EBR, M4/16 Rifle), larger manufacturing capabilities (Add-on Armor upgrades for HMMWV, MRAP, and Stryker series vehicles; towed artillery spares and gun carriages; Forward Repair System vehicles; and Shop Equipment Contact Maintenance vehicles) and the introduction of new technologies (Friction Stir Welding) and testing capabilities to produce and fabricate new materials and alloys such as titanium (Titanium Investment Casting) and composites (Add on Armor, Individual PPE). At Rock Island Arsenal (RIA) efforts are being made to support the Army's movement toward reducing the load placed upon the Warfighter by participating in ongoing initiatives to reduce the overall weight of major weapons systems through utilization of our Titanium Investment Casting facility to cast major components of the weapons systems. Efforts are also underway to implement new technologies at RIA such as Friction Stir Welding that will allow RIA the capability to not only support Department of the Army, as well as other services, new initiatives but also to support other Department of Defense requirements and leverage partnership programs in support of private industry to manufacture unique products with limited suppliers worldwide. Significant advancements in the realm of composites have resulted in RIA's Composite Armor Center being capable of supporting the needs of the Warfighter in the ongoing battle to defeat rapidly evolving insurgent devices and the subsequent need for armor advancements needed to do so. RIA's capability to utilize sophisticated software for reverse engineering coupled with rapid response manufacturing offers significant savings in time and money. In an effort to constantly improve the efficiency at which RIA is able to operate, RIA is improving productivity through an increased use of robotics and automation systems, material handling equipment and materials storage and retrieval systems, and machining centers capable of seven(7)-axis articulation to significantly reduce machining time requirements. Rock Island Arsenal continues to maintain technologies such as a full service foundry, not available elsewhere throughout the Department of the Army, to support Department of the Army requirements and to complement the capabilities of local private industry corporations through partnership programs. Advantages subsequent to maintaining and upgrading this unique capability will ensure no disruptions for critical spare or repair parts by offering this capability as an organic asset, resulting in sizeable cost savings for the Department of the Army. Replacing older equipment and continually investing in new technologies will result in not only a more efficient and productive manufacturing facility but also a more profitable facility as the Department of Defense, Department of the Army, and private industry would be able to leverage the unique manufacturing capabilities available at Rock Island Arsenal.</p> <p>At Watervliet Arsenal (WVA), efforts will be made to replace aging or obsolete machining equipment to obtain new st</p>		

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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)
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Project Title: Hot & Cold Forge emergency repairs and maintenance.	Project Number: U7668	Project Category: Production Support
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End Item Supported Model:	Annual Capacity Before / After (1-8-5): /
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Cost Elements <i>(\$ in Millions)</i>	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Facility Name: GDLS Facility Location: Saco, ME Facility Type (GOGO, GOCO, COCO): GOGO														
A. Construction Cost	-	-	-	-	-	Principal Milestones Month & Year Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:														
B. Equipment Cost	0.224	0.010	0.020	0.000	0.020															
C. Equipment Installation Cost	0.100	0.002	0.009	0.000	0.009															
D. Contractor Support Cost	-	-	-	-	-															
E. Corps of Engineers Support Cost	-	-	-	-	-															
F. Other In-House Support Cost	-	-	-	-	-															
G. Other Costs	-	-	-	-	-															
Total Project Cost	0.324	0.012	0.029	-	0.029															
Related Projects																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Project Number</th> <th style="width: 30%;">Title</th> <th style="width: 15%;">FY & Appn</th> <th style="width: 10%;">Value (\$M)</th> <th style="width: 10%;">Facing</th> <th style="width: 10%;">Start Date</th> <th style="width: 15%;">Compl Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>							Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date							
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.

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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)
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Project Title: Large Capacity Mills (Small Arms) and laboratory relocation	Project Number: U7669	Project Category: Production Support
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End Item Supported Model:	Annual Capacity Before / After (1-8-5): /
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Cost Elements <i>(\$ in Millions)</i>	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Facility Name: Rock Island Arsenal - JMTC Facility Location: Rock Island, IL Facility Type (GOGO, GOCO, COCO): GOGO														
A. Construction Cost	-	-	-	-	-	Principal Milestones Month & Year Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:														
B. Equipment Cost	1.000	1.500	1.500	0.000	1.500															
C. Equipment Installation Cost	0.779	0.875	0.870	0.000	0.870															
D. Contractor Support Cost	-	-	-	-	-															
E. Corps of Engineers Support Cost	-	-	-	-	-															
F. Other In-House Support Cost	-	-	-	-	-															
G. Other Costs	-	-	-	-	-															
Total Project Cost	1.779	2.375	2.370	-	2.370															
Related Projects																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Project Number</th> <th style="width: 30%;">Title</th> <th style="width: 15%;">FY & Appn</th> <th style="width: 10%;">Value (\$M)</th> <th style="width: 10%;">Facing</th> <th style="width: 10%;">Start Date</th> <th style="width: 15%;">Compl Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>							Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date							
Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date														

Narrative Explanation:
 Machinery equipment and laboratory move for health, safety and environmental reasons.

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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
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End Item Supported Model:	Annual Capacity Before / After (1-8-5): /
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Cost Elements <i>(\$ in Millions)</i>	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Facility Name: Watervliet Arsenal Facility Location: Watervliet, NY Facility Type (GOGO, GOCO, COCO): COCO
A. Construction Cost	-	-	-	-	-	Principal Milestones Month & Year Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:
B. Equipment Cost	1.300	1.500	1.500	0.000	1.500	
C. Equipment Installation Cost	0.438	0.875	0.870	0.000	0.870	
D. Contractor Support Cost	-	-	-	-	-	
E. Corps of Engineers Support Cost	-	-	-	-	-	
F. Other In-House Support Cost	-	-	-	-	-	
G. Other Costs	-	-	-	-	-	
Total Project Cost	1.738	2.375	2.370	-	2.370	

Related Projects						
Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date

Narrative Explanation:
 Machine equipment installation with associated site preparation activities.

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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)
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Project Title: Instrumentation for production testing of WTCV systems.	Project Number: GC2001	Project Category: Production Support
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End Item Supported Model: All WTCV Systems	Annual Capacity Before / After (1-8-5): /
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Cost Elements <i>(\$ in Millions)</i>	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Facility Name: ATEC Test Range Instrumentation Facility Location: Yuma, AZ; Aberdeen, MD; White Sands, NM Facility Type (GOGO, GOCO, COCO): GOGO																
A. Construction Cost	-	-	-	-	-	<table border="0" style="width: 100%;"> <tr> <td style="width: 70%;">Principal Milestones</td> <td style="width: 30%;">Month & Year</td> </tr> <tr> <td>Concept Design Complete:</td> <td></td> </tr> <tr> <td>Final Design Complete:</td> <td></td> </tr> <tr> <td>Initial/Final Project Award:</td> <td align="center">Oct 2012 / Mar 2013</td> </tr> <tr> <td>Construction Complete:</td> <td></td> </tr> <tr> <td>Equipment Installation Complete:</td> <td align="center">Oct 2013</td> </tr> <tr> <td>Prove Out Begins:</td> <td align="center">Oct 2013</td> </tr> <tr> <td>Prove Out Complete:</td> <td align="center">Dec 2013</td> </tr> </table>	Principal Milestones	Month & Year	Concept Design Complete:		Final Design Complete:		Initial/Final Project Award:	Oct 2012 / Mar 2013	Construction Complete:		Equipment Installation Complete:	Oct 2013	Prove Out Begins:	Oct 2013	Prove Out Complete:	Dec 2013
Principal Milestones	Month & Year																					
Concept Design Complete:																						
Final Design Complete:																						
Initial/Final Project Award:	Oct 2012 / Mar 2013																					
Construction Complete:																						
Equipment Installation Complete:	Oct 2013																					
Prove Out Begins:	Oct 2013																					
Prove Out Complete:	Dec 2013																					
B. Equipment Cost	3.449	4.763	4.769	0.000	4.769																	
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	3.449	4.763	4.769	-	4.769																	

Related Projects						
Project Number	Title	FY & Appn	Value (\$M)	Facing	Start Date	Compl Date

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.

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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: GC0075 - Industrial Preparedness
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ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements:
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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)	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)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

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 support. 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".

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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: GC0076 - Small Arms Equipment (Soldier Enh Prog)
--	--

ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:						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)	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
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
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.

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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 3 : Spare and Repair Parts / BSA 10 : Spares

P-1 Line Item Nomenclature:
GE0150 - Spares And Repair Parts (WTCV)

ID Code (A=Service Ready, B=Not Service Ready) : **Program Elements for Code B Items:** **Other Related Program Elements:** 0211702A, 0211705A

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)	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 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.

Secondary 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 Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
*** (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:

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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 3 : Spare and Repair Parts / BSA 10 : Spares		P-1 Line Item Nomenclature: GE0150 - Spares And Repair Parts (WTCV)
ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:	Other Related Program Elements: 0211702A, 0211705A
FY13 Base procurement dollars in the amount of \$31.217 million support procurement of Initial Spares and Wholesale Pipeline fill to support Stryker FY13 vehicle purchase.		
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.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Army **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 2033A / BA 3 / BSA 10 **P-1 Line Item Nomenclature:** GE0150 - Spares And Repair Parts (WTCV) **Aggregated Item Name:** Various

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
(Uncategorized)																			
GE0161 - SPARES (INITIAL) ABRAMS UPGRADE		-	-	-	-	-	-	-	-	7.219	-	-	-	-	-	-	-	-	-
GE0180 - SPARES (INITIAL) STRYKER		-	-	-	-	-	-	-	-	99.624	-	-	31.217	-	-	-	-	-	31.217
<i>Uncategorized Subtotal</i>				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: