

UNCLASSIFIED

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

March 2014



**Army**

*Justification Book*

***Procurement of W&TCV, Army***

UNCLASSIFIED



## **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, \$1,471,438,000 to remain available for obligation until September 30, 2017, of which \$135,449,000 shall be available for the Army National Guard and Army Reserve.

The following Justification Books were prepared at a cost of \$139,860.00 Aircraft (ACFT), Missile (MSLS), Weapons & Tracked Combat Vehicles, Army (WTCV), Ammunition (AMMO), Other Procurement Army (OPA) 1 - Tactical & Support Vehicles, Other Procurement Army (OPA) 2 - Communications & Electronics, Other Procurement Army (OPA) 3 & 4 - Other Support Equipment & Spares, Research, Development, Test and Evaluation (RDTE) for: Budget Activity 1, Budget Activity 2, Budget Activity 3, Budget Activity 4, Budget Activity 5A, Budget Activity 5B, Budget Activity 6, and Budget Activity 7.



UNCLASSIFIED

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

05 Mar 2014

Appropriation	FY 2013 (Base & OCO)	FY 2014 Base Enacted	FY 2014 OCO Enacted	FY 2014 Total Enacted	FY 2015 Base
Procurement of W&TCV, Army	1,705,155	1,610,811		1,610,811	1,471,438
Total Department of the Army	1,705,155	1,610,811		1,610,811	1,471,438

UNCLASSIFIED

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

05 Mar 2014

Appropriation: Procurement of W&TCV, Army

Budget Activity	FY 2013 (Base & OCO)	FY 2014 Base Enacted	FY 2014 OCO Enacted	FY 2014 Total Enacted	FY 2015 Base
-----	-----	-----	-----	-----	-----
01. Tracked Combat Vehicles	1,409,583	1,383,430		1,383,430	1,236,314
02. Weapons and Other Combat Vehicles	273,396	227,381		227,381	235,124
03. Spare and Repair Parts	22,176				
Total Procurement of W&TCV, Army	1,705,155	1,610,811		1,610,811	1,471,438

## UNCLASSIFIED

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

05 Mar 2014

Appropriation: 2033A Procurement of W&amp;TCV, Army

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO)		FY 2014 Base Enacted		FY 2014 OCO Enacted		FY 2014 Total Enacted		FY 2015 Base	
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
Budget Activity 01: Tracked Combat Vehicles												
-----												
Tracked Combat Vehicles												
1	Stryker Vehicle			242,439		419,100				419,100		385,110
Modification of Tracked Combat Vehicles												
2	STRYKER (MOD)	A		60,801		20,522				20,522		39,683
3	Fist Vehicle (MOD)			52,331		29,965				29,965		26,759
4	Bradley Program (MOD)	A		266,730		158,000				158,000		107,506
5	Howitzer, Med Sp Ft 155mm M109a6 (MOD)	A		8,630		4,769				4,769		45,411
6	Paladin Integrated Management (PIM)	A	9	188,633	8	199,477			8	199,477	18	247,400
7	Improved Recovery Vehicle (M88A2 Hercules)	A	49	169,685	53	186,031			53	186,031	15	50,451
8	Assault Bridge (Mod)					2,500				2,500		2,473
9	Assault Breacher Vehicle	A	3	18,948	14	62,951			14	62,951	7	36,583
10	M88 FOV MODS	A		29,891		28,469				28,469		1,975
11	Joint Assault Bridge	A				2,002				2,002	8	49,462
12	M1 Abrams Tank (MOD)	A		128,920		178,100				178,100		237,023
13	Abrams Upgrade Program	A	12	241,540		90,000				90,000		
Support Equipment & Facilities												
14	Production Base Support (TCV-WTCV)			1,035		1,544				1,544		6,478
Total Tracked Combat Vehicles				1,409,583		1,383,430				1,383,430		1,236,314

P-1C1: FY 2015 President's Budget (Published Version), as of March 5, 2014 at 07:02:32

UNCLASSIFIED

Page A-3

## UNCLASSIFIED

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

05 Mar 2014

Appropriation: 2033A Procurement of W&amp;TCV, Army

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO)		FY 2014 Base Enacted		FY 2014 OCO Enacted		FY 2014 Total Enacted		FY 2015 Base	
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
Budget Activity 02: Weapons and Other Combat Vehicles												
-----												
Weapons & Other Combat Vehicles												
15	Integrated Air Burst Weapon System Family	A		463								
16	Mortar Systems			7,332		5,310			5,310			5,012
17	XM320 Grenade Launcher Module (GLM)	A	5641	14,077	6588	24,049			6588	24,049	8959	28,390
18	Compact Semi-Automatic Sniper System	A										148
19	Carbine	A	24000	19,469	24000	21,254			24000	21,254	38234	29,366
20	Shotgun, Modular Accessory System (MASS)	A	2103	6,589								
21	Common Remotely Operated Weapons Station			56,650		41,563				41,563		8,409
22	Handgun	A				300				300	4811	3,957
23	Howitzer Lt Wt 155mm (T)			12,581								
Mod of Weapons and Other Combat Veh												
24	M777 Mods	A		20,860		39,300			39,300			18,166
25	M4 Carbine Mods	A		27,207		8,300			8,300			3,446
26	M2 50 Cal Machine Gun Mods	B		39,921		33,691			33,691			25,296
27	M249 Saw Machine Gun Mods			4,989		7,608			7,608			5,546
28	M240 Medium Machine Gun Mods	A		6,797		2,719			2,719			4,635
29	Sniper Rifles Modifications			14,094		7,017			7,017			4,079
30	M119 Modifications	A		22,306		18,707			18,707			72,718

P-1C1: FY 2015 President's Budget (Published Version), as of March 5, 2014 at 07:02:32

UNCLASSIFIED

Page A-4



UNCLASSIFIED

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

05 Mar 2014

Appropriation: 2033A Procurement of W&TCV, Army

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO)		FY 2014 Base Enacted		FY 2014 OCO Enacted		FY 2014 Total Enacted		FY 2015 Base	
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
31	M16 Rifle Mods	A		2,959		2,136				2,136		1,952
32	Mortar Modification	A										8,903
33	Modifications Less Than \$5.0m (WOCV-WTCV)			3,068		1,569				1,569		2,089
Support Equipment & Facilities												
34	Items Less Than \$5.0m (WOCV-WTCV)			2,023		2,024				2,024		2,005
35	Production Base Support (WOCV-WTCV)			9,232		10,108				10,108		8,911
36	Industrial Preparedness			404		459				459		414
37	Small Arms Equipment (Soldier Enh Prog)			2,375		1,267				1,267		1,682
Total Weapons and Other Combat Vehicles				273,396		227,381				227,381		235,124
Budget Activity 03: Spare and Repair Parts												
Spares												
38	Spares and Repair Parts (WTCV)			22,176								
Total Spare and Repair Parts				22,176								
Total Procurement of W&TCV, Army				1,705,155		1,610,811				1,610,811		1,471,438

**UNCLASSIFIED**

Army • Budget Estimates FY 2015 • Procurement

**Table of Contents**

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

**UNCLASSIFIED**

**UNCLASSIFIED**

Army • Budget Estimates FY 2015 • Procurement

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

***Appropriation 2033A: Procurement of W&TCV, Army***

---

<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Line Item Number</b>	<b>Line Item Title</b>	<b>Page</b>
1	01	10	G85100	Stryker Vehicle.....	1
2	01	20	GM0100	Stryker (Mod).....	10
3	01	20	GZ2300	FIST Vehicle (Mod).....	28
4	01	20	GZ2400	Bradley Program (MOD).....	35
5	01	20	GA0400	Howitzer, Med Sp Ft 155MM M109A6 (MOD).....	49
6	01	20	GZ0410	Paladin Integrated Management (PIM).....	61
7	01	20	GA0570	Improved Recovery Vehicle (M88A2 HERCULES).....	69
8	01	20	GZ3250	Assault Bridge (Mod).....	78
9	01	20	G82925	Assault Breacher Vehicle.....	84
10	01	20	G80571	M88 FOV MODS.....	93
11	01	20	GZ3001	Joint Assault Bridge.....	98
12	01	20	GA0700	M1 Abrams Tank (MOD).....	106
13	01	20	GA0750	Abrams Upgrade Program.....	120
14	01	30	GA0050	Production Base Support (TCV-WTCV).....	129

**UNCLASSIFIED**

**UNCLASSIFIED**

Army • Budget Estimates FY 2015 • Procurement

***Appropriation 2033A: Procurement of W&TCV, Army***

---

<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Line Item Number</b>	<b>Line Item Title</b>	<b>Page</b>
15	02	10	G16101	Integrated Air Burst Weapon System Family.....	134
16	02	10	G02200	Mortar Systems.....	135
17	02	10	G01501	XM320 Grenade Launcher Module (GLM).....	140
18	02	10	G01507	COMPACT SEMI-AUTOMATIC SNIPER SYSTEM.....	148
19	02	10	G13501	Carbine.....	149
20	02	10	G18300	Shotgun, Modular Accessory System (MASS).....	157
21	02	10	G04700	Common Remotely Operated Weapons Station.....	164
22	02	10	G15325	Handgun.....	169
23	02	10	G01700	Howitzer Lt Wt 155mm (T).....	171
24	02	20	GZ1700	M777 Mods.....	174
25	02	20	GB3007	M4 Carbine Mods.....	185
26	02	20	GB4000	M2 50 Cal Machine Gun MODS.....	193
27	02	20	GZ1290	M249 SAW Machine Gun MODS.....	204
28	02	20	GZ1300	M240 Medium Machine Gun MODS.....	214
29	02	20	GZ1500	Sniper Rifles Modifications.....	219
30	02	20	GC0401	M119 Modifications.....	227

**UNCLASSIFIED**

**UNCLASSIFIED**

Army • Budget Estimates FY 2015 • Procurement

***Appropriation 2033A: Procurement of W&TCV, Army***

---

<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Line Item Number</b>	<b>Line Item Title</b>	<b>Page</b>
31	02	20	GZ2800	M16 Rifle Mods.....	239
32	02	20	G02100	Mortar Modification.....	241
33	02	20	GC0925	Modifications Less Than \$5.0m (WOCV-WTCV).....	246
34	02	30	GL3200	Items Less Than \$5.0m (WOCV-WTCV).....	253
35	02	30	GC0050	Production Base Support (WOCV-WTCV).....	254
36	02	30	GC0075	Industrial Preparedness.....	261
37	02	30	GC0076	Small Arms Equipment (Soldier Enh Prog).....	262

***Appropriation 2033A: Procurement of W&TCV, Army***

---

<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Line Item Number</b>	<b>Line Item Title</b>	<b>Page</b>
38	03	10	GE0150	Spares And Repair Parts (WTCV).....	264

**UNCLASSIFIED**

Army • Budget Estimates FY 2015 • Procurement

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

<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
Abrams Upgrade Program	GA0750	13	01	20.....	120
Assault Breacher Vehicle	G82925	9	01	20.....	84
Assault Bridge (Mod)	GZ3250	8	01	20.....	78
Bradley Program (MOD)	GZ2400	4	01	20.....	35
COMPACT SEMI-AUTOMATIC SNIPER SYSTEM	G01507	18	02	10.....	148
Carbine	G13501	19	02	10.....	149
Common Remotely Operated Weapons Station	G04700	21	02	10.....	164
FIST Vehicle (Mod)	GZ2300	3	01	20.....	28
Handgun	G15325	22	02	10.....	169
Howitzer Lt Wt 155mm (T)	G01700	23	02	10.....	171
Howitzer, Med Sp Ft 155MM M109A6 (MOD)	GA0400	5	01	20.....	49
Improved Recovery Vehicle (M88A2 HERCULES)	GA0570	7	01	20.....	69
Industrial Preparedness	GC0075	36	02	30.....	261
Integrated Air Burst Weapon System Family	G16101	15	02	10.....	134
Items Less Than \$5.0m (WOCV-WTCV)	GL3200	34	02	30.....	253
Joint Assault Bridge	GZ3001	11	01	20.....	98
M1 Abrams Tank (MOD)	GA0700	12	01	20.....	106

**UNCLASSIFIED**

**UNCLASSIFIED**

Army • Budget Estimates FY 2015 • Procurement

<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
M119 Modifications	GC0401	30	02	20.....	227
M16 Rifle Mods	GZ2800	31	02	20.....	239
M2 50 Cal Machine Gun MODS	GB4000	26	02	20.....	193
M240 Medium Machine Gun MODS	GZ1300	28	02	20.....	214
M249 SAW Machine Gun MODS	GZ1290	27	02	20.....	204
M4 Carbine Mods	GB3007	25	02	20.....	185
M777 Mods	GZ1700	24	02	20.....	174
M88 FOV MODS	G80571	10	01	20.....	93
Modifications Less Than \$5.0m (WOCV-WTCV)	GC0925	33	02	20.....	246
Mortar Modification	G02100	32	02	20.....	241
Mortar Systems	G02200	16	02	10.....	135
Paladin Integrated Management (PIM)	GZ0410	6	01	20.....	61
Production Base Support (TCV-WTCV)	GA0050	14	01	30.....	129
Production Base Support (WOCV-WTCV)	GC0050	35	02	30.....	254
Shotgun, Modular Accessory System (MASS)	G18300	20	02	10.....	157
Small Arms Equipment (Soldier Enh Prog)	GC0076	37	02	30.....	262
Sniper Rifles Modifications	GZ1500	29	02	20.....	219
Spares And Repair Parts (WTCV)	GE0150	38	03	10.....	264
Stryker (Mod)	GM0100	2	01	20.....	10
Stryker Vehicle	G85100	1	01	10.....	1

**UNCLASSIFIED**

**UNCLASSIFIED**

Army • Budget Estimates FY 2015 • Procurement

<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
XM320 Grenade Launcher Module (GLM)	G01501	17	02	10.....	140

**UNCLASSIFIED**



**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles **P-1 Line Item Number / Title:**  
 G85100 / Stryker Vehicle

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

**Line Item MDAP/MAIS Code:** **Item MDAP/MAIS Code(s):** 299

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO <sup>#</sup>	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	4,507	-	-	-	-	-	-	-	-	-	-	4,507
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	14,125.879	242.439	419.100	385.110	-	385.110	455.484	396.631	99.038	-	484.028	16,607.709
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	14,125.879	242.439	419.100	385.110	-	385.110	455.484	396.631	99.038	-	484.028	16,607.709
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>14,125.879</b>	<b>242.439</b>	<b>419.100</b>	<b>385.110</b>	-	<b>385.110</b>	<b>455.484</b>	<b>396.631</b>	<b>99.038</b>	-	<b>484.028</b>	<b>16,607.709</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	3,134.209	-	-	-	-	-	-	-	-	-	-	3,684.870

<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.

**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.

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 10: Tracked Combat Vehicles

**P-1 Line Item Number / Title:**  
G85100 / Stryker Vehicle

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

**Line Item MDAP/MAIS Code:** **Item MDAP/MAIS Code(s):** 299

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.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - G85100 / Stryker Vehicle	P-5, P-5a, P-21	A	3,134.209	4,507	14,125.879	-	-	242.439	-	-	419.100	-	-	385.110	-	-	-	-	-	385.110
<b>Total Gross/Weapon System Cost</b>			<b>3,134.209</b>	<b>4,507</b>	<b>14,125.879</b>	<b>-</b>	<b>-</b>	<b>242.439</b>	<b>-</b>	<b>-</b>	<b>419.100</b>	<b>-</b>	<b>-</b>	<b>385.110</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>385.110</b>

\*For Items, Title represents the Item Number / Title [DODIC].  
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
FY 2015 Base procurement dollars in the amount of \$385.110 million supports procurement of Double V Hull (DVH) exchange vehicles for the 3rd DVH brigade, fielding of DVH exchange and NBCRVs, Technical Data Package (TDP) clean-up, software update support, program management (government and contractor) and efforts required to achieve Full Material Release for the DVH configurations.

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.

AAO: 4408

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>				<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 10		<b>MDAP/MAIS Code:</b> 299	<b>P-1 Line Item Number / Title:</b> G85100 / Stryker Vehicle			<b>Item Number / Title [DODIC]:</b> G85100 / Stryker Vehicle		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity (Units in Each)	4,507	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	14,125.879	242.439	419.100	385.110	-	385.110
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	14,125.879	242.439	419.100	385.110	-	385.110
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>14,125.879</b>	<b>242.439</b>	<b>419.100</b>	<b>385.110</b>	<b>-</b>	<b>385.110</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	3,134.209	-	-	-	-	-

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

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Flyaway Cost																			
Recurring Cost																			
Infantry Carrier Vehicle (ICV)		1,400.605	1,972	2,761.994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reconnaissance Vehicle (RV)		1,253.772	545	683.306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anti-Tank Guided Missile Vehicle (ATGM)		2,572.940	133	342.201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mortar Carrier (MC)		1,561.764	441	688.738	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fire Support Vehicle (FSV)		1,398.809	188	262.976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engineer Squad Vehicle (ESV)		2,333.839	168	392.085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Commander's Vehicle (CV)		1,672.109	348	581.894	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medical Evacuation Vehicle (MEV)		1,374.046	304	417.710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NBC Reconnaissance Vehicle (NBCRV) <sup>(†)</sup>		1,903.650	274	521.600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mobile Gun System (MGS)		3,983.791	134	533.828	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GFE (ASIOE/COEI/AAL)		-	-	1,261.883	-	-	18.706	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Change Orders (ECO)		-	-	154.551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-5, Cost Analysis: PB 2015 Army** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 01 / 10 **MDAP/MAIS Code:** 299 **P-1 Line Item Number / Title:** G85100 / Stryker Vehicle **Item Number / Title [DODIC]:** G85100 / Stryker Vehicle

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Basic Issue Items (BI)		-	-	-	-	-	0.111	-	-	-	-	-	-	-	-	-	-	-	-
Government Test		-	-	188.047	-	-	0.031	-	-	-	-	-	0.359	-	-	-	-	-	0.359
Contractor Support to Test		-	-	253.642	-	-	1.833	-	-	-	-	-	0.327	-	-	-	-	-	0.327
Refurbishment of Test Vehicles		-	-	2.559	-	-	10.022	-	-	-	-	-	-	-	-	-	-	-	-
Program Management Support (Govt)		-	-	549.783	-	-	58.235	-	-	40.826	-	-	42.475	-	-	-	-	-	42.475
Program Management Support (Contractor)		-	-	29.393	-	-	-	-	-	-	-	-	5.667	-	-	-	-	-	5.667
Logistics Engineer Support (Contractor)		-	-	224.821	-	-	2.366	-	-	18.874	-	-	5.070	-	-	-	-	-	5.070
Depot Level Repair Instruction/Equipment		-	-	95.502	-	-	-	-	-	10.961	-	-	-	-	-	-	-	-	-
System Fielding Support		-	-	449.568	-	-	41.479	-	-	17.479	-	-	16.159	-	-	-	-	-	16.159
Vehicle Retrofit/OIF Fixes		-	-	1,746.533	-	-	0.888	-	-	-	-	-	-	-	-	-	-	-	-
Post Production Mods (unscheduled mods)		-	-	699.236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Initial Spares/ Authoriz'd Stock List ASL		-	-	275.314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support Equipment (STTE)		-	-	51.334	-	-	3.205	-	-	-	-	-	-	-	-	-	-	-	-
Training Devices		-	-	238.291	-	-	0.010	-	-	0.263	-	-	1.518	-	-	-	-	-	1.518
System Technical Support (STS)		-	-	592.359	-	-	3.343	-	-	10.668	-	-	12.314	-	-	-	-	-	12.314
Software Support (Contractor)		-	-	10.044	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Data		-	-	4.327	-	-	0.033	-	-	-	-	-	-	-	-	-	-	-	-
Double V Hull (DVH) Exchange		-	-	107.536	-	-	89.171	-	-	277.987	-	-	222.395	-	-	-	-	-	222.395
DVH Exchange GFE		-	-	4.824	-	-	2.017	-	-	14.691	-	-	15.364	-	-	-	-	-	15.364
DVH Exchange System Fielding Support		-	-	-	-	-	10.989	-	-	27.351	-	-	37.961	-	-	-	-	-	37.961
DVH Full Material Release		-	-	-	-	-	-	-	-	-	-	-	25.501	-	-	-	-	-	25.501
<i>Subtotal: Recurring Cost</i>		-	-	<i>14,125.878</i>	-	-	<i>242.439</i>	-	-	<i>419.100</i>	-	-	<i>385.110</i>	-	-	-	-	-	<i>385.110</i>
<i>Subtotal: Flyaway Cost</i>		-	-	<i>14,125.878</i>	-	-	<i>242.439</i>	-	-	<i>419.100</i>	-	-	<i>385.110</i>	-	-	-	-	-	<i>385.110</i>

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>													<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 10						<b>MDAP/MAIS Code:</b> 299			<b>P-1 Line Item Number / Title:</b> G85100 / Stryker Vehicle				<b>Item Number / Title [DODIC]:</b> G85100 / Stryker Vehicle					

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Gross/Weapon System Cost		3,134.209	4,507	14,125.879	-	-	242.439	-	-	419.100	-	-	385.110	-	-	-	-	-	385.110

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

**UNCLASSIFIED**

**Exhibit P-5a, Procurement History and Planning: PB 2015 Army** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 10	<b>P-1 Line Item Number / Title:</b> G85100 / Stryker Vehicle	<b>Item Number / Title [DODIC]:</b> G85100 / Stryker Vehicle
--	--	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
NBC Reconnaissance Vehicle (NBCRV) <sup>(†)</sup>		2011	GM GDLS Defense Group L.L.C. / Shelby Township	SS / FFP	TACOM	Jan 2013	Apr 2014	58	2,929.138	N		
NBC Reconnaissance Vehicle (NBCRV) <sup>(†)</sup>		2012	GM GDLS Defense Group L.L.C. / Shelby Township	SS / FFP	TACOM	Dec 2011	Oct 2013	100	3,036.000	N		

<sup>(†)</sup> indicates the presence of a P-21

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 10	<b>P-1 Line Item Number / Title:</b> G85100 / Stryker Vehicle	<b>Item Number / Title [DODIC]:</b> G85100 / Stryker Vehicle
--	--	---

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2012												Fiscal Year 2013													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	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
NBC Reconnaissance Vehicle (NBCRV)																															
Prior Years Deliveries: 116																															
	1	2012	ARMY (I)	100	-	100																							100		
	1	2011	ARMY (II)	58	-	58																							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	B A L

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 01 / 10 **P-1 Line Item Number / Title:** G85100 / Stryker Vehicle **Item Number / Title [DODIC]:** G85100 / Stryker Vehicle

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014												Fiscal Year 2015													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
NBC Reconnaissance Vehicle (NBCRV)																															
Prior Years Deliveries: 116																															
	1	2012	ARMY (I)	100	-	100	10	10	10	10	10	10																	40		
	1	2011	ARMY (II)	58	-	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	B A L



**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 10	<b>P-1 Line Item Number / Title:</b> G85100 / Stryker Vehicle	<b>Item Number / Title [DODIC]:</b> G85100 / Stryker Vehicle
--	--	---

MFR Ref #	MFR Name - Location	Production Rates (Each / 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	120.00	120.00	120.00	-	3	16	19	-	4	15	19

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

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

**Service/Agency Suffixes:**

(I) BASE

(II) BASE

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	126.455	60.801	20.522	39.683	-	39.683	66.159	170.823	503.552	603.906	1,709.800	3,301.701
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	126.455	60.801	20.522	39.683	-	39.683	66.159	170.823	503.552	603.906	1,709.800	3,301.701
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>126.455</b>	<b>60.801</b>	<b>20.522</b>	<b>39.683</b>	<b>-</b>	<b>39.683</b>	<b>66.159</b>	<b>170.823</b>	<b>503.552</b>	<b>603.906</b>	<b>1,709.800</b>	<b>3,301.701</b>

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

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

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

**Description:**

Modifications to the Stryker Family of Vehicles (FOV) are required to resolve various Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR) obsolescence issues, address safety and operational-related issues, and to provide system-specific training devices to support the requirement for a new 91S Stryker Vehicle Maintainer training course.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	60.801	20.522	39.683	-	39.683	66.159	170.823	503.552	603.906
<b>Total:</b> Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	<b>60.801</b>	<b>20.522</b>	<b>39.683</b>	<b>-</b>	<b>39.683</b>	<b>66.159</b>	<b>170.823</b>	<b>503.552</b>	<b>603.906</b>

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GM0100 / STRYKER MODIFICATION	P-3a		-	-	126.455	-	-	60.801	-	-	20.522	-	-	39.683	-	-	-	-	-	39.683
<b>Total Gross/Weapon System Cost</b>			<b>-</b>	<b>-</b>	<b>126.455</b>	<b>-</b>	<b>-</b>	<b>60.801</b>	<b>-</b>	<b>-</b>	<b>20.522</b>	<b>-</b>	<b>-</b>	<b>39.683</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>39.683</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** GM0100 / Stryker (Mod)

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

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
P-3a - GM0100 / STRYKER MODIFICATION	P-3a		-	-	66.159	-	-	170.823	-	-	503.552	-	-	603.906	-	-	1,709.800	-	-	3,301.701
<b>Total Gross/Weapon System Cost</b>			-	-	<b>66.159</b>	-	-	<b>170.823</b>	-	-	<b>503.552</b>	-	-	<b>603.906</b>	-	-	<b>1,709.800</b>	-	-	<b>3,301.701</b>

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount \$39.683 million supports the development and application of modifications to Stryker Training Aids, Devices, Simulators, and Simulations (TADSS) to ensure Stryker soldiers continue to train using equipment that reflects the configuration and behavior of the current fielded vehicles; provide for the maintenance of the Stryker test fleet to ensure test assets are positioned to provide accurate, verifiable test results; continues retrofit planning efforts and site management to ensure modification kits procured are applied in an efficient and effective fashion; provides application of modifications required to achieve Mobile Gun System (MGS) Full Material Release (FMR); and funds multiple fleet modifications.

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**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>							<b>Date: March 2014</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)				<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	126.455	60.801	20.522	39.683	-	39.683	66.159	170.823	503.552	603.906	1,709.800	3,301.701
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	126.455	60.801	20.522	39.683	-	39.683	66.159	170.823	503.552	603.906	1,709.800	3,301.701
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>126.455</b>	<b>60.801</b>	<b>20.522</b>	<b>39.683</b>	<b>-</b>	<b>39.683</b>	<b>66.159</b>	<b>170.823</b>	<b>503.552</b>	<b>603.906</b>	<b>1,709.800</b>	<b>3,301.701</b>

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

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

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

**Description:**

Modifications are needed to support obsolescence issues with Command, Control, Communications, Computer, and Intelligence (C4I) components of the Stryker Vehicles (Blue Force Tracker (BFT2) and Vehicular Radio Communications (VRC)-103 radio). Modifications to the Stryker Family of Vehicles (FOV) are also required to achieve MGS FMR and to address safety and operational-related issues on both the Stryker flat-bottom and Double V Hull (DVH) fleets. Additionally, to ensure Stryker soldiers continue to receive maintenance training consistent with Army prescribed Stryker training programs, the procurement of system-specific training devices is required to support the emerging 91S Stryker Vehicle Maintainer training course. Modifications of existing Stryker TADSS will ensure Stryker soldiers continue to train using equipment that mirrors the configuration and behavior of the current fielded vehicle.

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	60.801	20.522	39.683	-	39.683	-	-	-	-
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	<b>60.801</b>	<b>20.522</b>	<b>39.683</b>	<b>-</b>	<b>39.683</b>	<b>66.159</b>	<b>170.823</b>	<b>503.552</b>	<b>603.906</b>

**UNCLASSIFIED**

Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 01 / 20					P-1 Line Item Number / Title: GM0100 / Stryker (Mod)					Modification Number / Title: GM0100 / STRYKER MODIFICATION				
Models of Systems Affected: VARIOUS				Modification Type: Increase Performance				Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total		
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		
<b>Procurement</b>														
<b>Modification Item 1 of 11: Mobile Gun System (MGS) Full Materiel Release(FMR)</b>														
A Kits														
Recurring														
Hardware	181 / 11.182	217 / 16.799	- / -	85 / 1.777	- / -	85 / 1.777	176 / 3.500	- / -	- / -	- / -	- / -	659 / 33.258		
<b>Subtotal: Recurring</b>	<b>- / 11.182</b>	<b>- / 16.799</b>	<b>- / -</b>	<b>- / 1.777</b>	<b>- / -</b>	<b>- / 1.777</b>	<b>- / 3.500</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 33.258</b>		
Non-Recurring														
Engineer Support	0 / 3.790	- / -	- / -	- / -	- / -	- / -	- / 10.000	- / -	- / -	- / -	- / -	- / 13.790		
Test	0 / 0.272	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.272		
<b>Subtotal: Non-Recurring</b>	<b>- / 4.062</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 10.000</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 14.062</b>		
<b>Subtotal: Mobile Gun System (MGS) Full Materiel Release(FMR)</b>	<b>181 / 15.244</b>	<b>217 / 16.799</b>	<b>- / -</b>	<b>85 / 1.777</b>	<b>- / -</b>	<b>85 / 1.777</b>	<b>176 / 13.500</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>659 / 47.320</b>		
<b>Modification Item 2 of 11: Fleet Modifications</b>														
A Kits														
Recurring														
Hardware	326 / 22.684	925 / 28.928	53 / 0.509	678 / 7.797	- / -	678 / 7.797	858 / 20.772	670 / 5.987	636 / 55.499	843 / 30.132	1,504 / 571.507	6,493 / 743.815		
<b>Subtotal: Recurring</b>	<b>- / 22.684</b>	<b>- / 28.928</b>	<b>- / 0.509</b>	<b>- / 7.797</b>	<b>- / -</b>	<b>- / 7.797</b>	<b>- / 20.772</b>	<b>- / 5.987</b>	<b>- / 55.499</b>	<b>- / 30.132</b>	<b>- / 571.507</b>	<b>- / 743.815</b>		
Non-Recurring														
Engineer Support	0 / 3.102	- / -	- / 0.093	- / 0.830	- / -	- / 0.830	- / 3.498	- / 6.293	- / 4.167	- / -	- / -	- / 17.983		
Test	0 / 1.787	- / -	- / 0.382	- / -	- / -	- / -	- / 0.441	- / 0.500	- / 1.200	- / 0.350	- / -	- / 4.660		
<b>Subtotal: Non-Recurring</b>	<b>- / 4.889</b>	<b>- / -</b>	<b>- / 0.475</b>	<b>- / 0.830</b>	<b>- / -</b>	<b>- / 0.830</b>	<b>- / 3.939</b>	<b>- / 6.793</b>	<b>- / 5.367</b>	<b>- / 0.350</b>	<b>- / -</b>	<b>- / 22.643</b>		
<b>Subtotal: Fleet Modifications</b>	<b>326 / 27.573</b>	<b>925 / 28.928</b>	<b>53 / 0.984</b>	<b>678 / 8.627</b>	<b>- / -</b>	<b>678 / 8.627</b>	<b>858 / 24.711</b>	<b>670 / 12.780</b>	<b>636 / 60.866</b>	<b>843 / 30.482</b>	<b>1,504 / 571.507</b>	<b>6,493 / 766.458</b>		
<b>Modification Item 3 of 11: Video Display Electronic Terminal (VDET)</b>														
A Kits														
Recurring														
Hardware	664 / 19.012	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	664 / 19.012		
<b>Subtotal: Recurring</b>	<b>- / 19.012</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 19.012</b>		
Non-Recurring														
Engineer Support	0 / 0.043	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.043		
Test	0 / 0.136	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.136		
<b>Subtotal: Non-Recurring</b>	<b>- / 0.179</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 0.179</b>		
<b>Subtotal: Video Display Electronic Terminal (VDET)</b>	<b>664 / 19.191</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>664 / 19.191</b>		

**UNCLASSIFIED**

Exhibit P-3a, Individual Modification: PB 2015 Army								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 01 / 20				P-1 Line Item Number / Title: GM0100 / Stryker (Mod)				Modification Number / Title: GM0100 / STRYKER MODIFICATION				
Models of Systems Affected: VARIOUS			Modification Type: Increase Performance					Related RDT&E PEs:				
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Modification Item 4 of 11: C4I Obsolescence and Next Generation Items</b>												
A Kits												
Recurring												
Hardware	2,854 / 9.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 9.791
Fielding	0 / 0.166	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.166
<b>Subtotal: Recurring</b>	<b>- / 9.957</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 9.957</b>
Non-Recurring												
Engineer Support	0 / 0.571	- / 3.819	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.390
Test	0 / 0.189	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.189
<b>Subtotal: Non-Recurring</b>	<b>- / 0.760</b>	<b>- / 3.819</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 4.579</b>
<b>Subtotal: C4I Obsolescence and Next Generation Items</b>	<b>2,854 / 10.717</b>	<b>- / 3.819</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>2,854 / 14.536</b>
<b>Modification Item 5 of 11: Block Mod Retrofit</b>												
A Kits												
Recurring												
Hardware	2,336 / 9.779	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,336 / 9.779
<b>Subtotal: Recurring</b>	<b>- / 9.779</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 9.779</b>
Non-Recurring												
Engineering	0 / 0.545	- / 0.093	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.638
<b>Subtotal: Non-Recurring</b>	<b>- / 0.545</b>	<b>- / 0.093</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 0.638</b>
<b>Subtotal: Block Mod Retrofit</b>	<b>2,336 / 10.324</b>	<b>- / 0.093</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>2,336 / 10.417</b>
<b>Modification Item 6 of 11: Test Fleet Maintenance</b>												
A Kits												
Recurring												
Labor (Contractor)	0 / 4.041	- / 4.031	- / -	- / 4.131	- / -	- / 4.131	- / 4.153	- / 4.233	- / 4.313	- / 4.400	- / 51.948	- / 81.250
<b>Subtotal: Recurring</b>	<b>- / 4.041</b>	<b>- / 4.031</b>	<b>- / -</b>	<b>- / 4.131</b>	<b>- / -</b>	<b>- / 4.131</b>	<b>- / 4.153</b>	<b>- / 4.233</b>	<b>- / 4.313</b>	<b>- / 4.400</b>	<b>- / 51.948</b>	<b>- / 81.250</b>
<b>Subtotal: Test Fleet Maintenance</b>	<b>0 / 4.041</b>	<b>- / 4.031</b>	<b>- / -</b>	<b>- / 4.131</b>	<b>- / -</b>	<b>- / 4.131</b>	<b>- / 4.153</b>	<b>- / 4.233</b>	<b>- / 4.313</b>	<b>- / 4.400</b>	<b>- / 51.948</b>	<b>- / 81.250</b>
<b>Modification Item 7 of 11: Retrofit Planning and Site Management</b>												
A Kits												
Recurring												
Labor (Contractor)	- / -	- / 5.006	- / 5.098	- / 5.280	- / -	- / 5.280	- / 5.562	- / 5.730	- / 6.092	- / 5.997	- / 124.355	- / 163.120
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / 5.006</b>	<b>- / 5.098</b>	<b>- / 5.280</b>	<b>- / -</b>	<b>- / 5.280</b>	<b>- / 5.562</b>	<b>- / 5.730</b>	<b>- / 6.092</b>	<b>- / 5.997</b>	<b>- / 124.355</b>	<b>- / 163.120</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20					<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)					<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION				
<b>Models of Systems Affected: VARIOUS</b>				<b>Modification Type: Increase Performance</b>				<b>Related RDT&amp;E PEs:</b>						
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>		
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>		
<i>Subtotal: Retrofit Planning and Site Management</i>	- / -	- / 5.006	- / 5.098	- / 5.280	- / -	- / 5.280	- / 5.562	- / 5.730	- / 6.092	- / 5.997	- / 124.355	- / 163.120		
<b>Modification Item 8 of 11: Training Aids, Devices, Simulators and Simulations</b>														
A Kits														
Recurring														
Hardware														
Life Cycle Management Plan	0 / 12.240	- / 0.190	- / 0.710	- / 3.777	- / -	- / 3.777	- / 4.350	- / 5.978	- / 14.328	- / 7.962	- / 114.555	- / 164.090		
<i>Subtotal: Recurring</i>	- / 12.240	- / 0.190	- / 0.710	- / 3.777	- / -	- / 3.777	- / 4.350	- / 5.978	- / 70.455	- / 7.962	- / 114.555	- / 220.217		
<i>Subtotal: Training Aids, Devices, Simulators and Simulations</i>	0 / 12.240	- / 0.190	- / 0.710	- / 3.777	- / -	- / 3.777	- / 4.350	- / 5.978	26 / 70.455	- / 7.962	- / 114.555	26 / 220.217		
<b>Modification Item 9 of 11: Engineer Change Proposal (ECP) Exchange</b>														
A Kits														
Recurring														
Labor (Production Engineering)														
Hardware	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 36.527	- / 13.809	- / 4.931	- / 9.328	- / 64.595		
Fielding	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.629	- / 12.506	- / 17.065	- / 27.348	- / 63.548		
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 132.328	- / 301.324	- / 452.511	- / 467.075	- / 1,353.238		
<i>Subtotal: Engineer Change Proposal (ECP) Exchange</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 132.328	221 / 301.324	363 / 452.511	482 / 467.075	1,128 / 1,353.238		
<b>Modification Item 10 of 11: Double V Hull (DVH) Survivability and Safety Mods</b>														
A Kits														
Recurring														
Hardware														
Subtotal: Recurring	- / -	774 / 0.143	330 / 10.555	62 / 1.977	- / -	62 / 1.977	58 / 1.669	- / -	- / -	- / -	- / -	1,224 / 14.344		
Non-Recurring														
Labor (Contractor)														
Subtotal: Non-Recurring	- / -	- / -	- / 0.450	- / 0.422	- / -	- / 0.422	- / -	- / -	- / -	- / -	- / -	- / 0.872		
<i>Subtotal: Double V Hull (DVH) Survivability and Safety Mods</i>	- / -	774 / 0.143	330 / 11.005	62 / 2.399	- / -	62 / 2.399	58 / 1.669	- / -	- / -	- / -	- / -	1,224 / 15.216		
<b>Modification Item 11 of 11: Program Management Support</b>														
A Kits														

**UNCLASSIFIED**

Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 01 / 20				P-1 Line Item Number / Title: GM0100 / Stryker (Mod)						Modification Number / Title: GM0100 / STRYKER MODIFICATION			
Models of Systems Affected: VARIOUS				Modification Type: Increase Performance				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Recurring													
Program Management Support	- / -	- / -	- / 1.827	- / 3.987	- / -	- / 3.987	- / 4.054	- / 9.238	- / 14.201	- / 14.464	- / 94.049	- / 141.820	
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.827	- / 3.987	- / -	- / 3.987	- / 4.054	- / 9.238	- / 14.201	- / 14.464	- / 94.049	- / 141.820	
<i>Subtotal: Program Management Support</i>	- / -	- / -	- / 1.827	- / 3.987	- / -	- / 3.987	- / 4.054	- / 9.238	- / 14.201	- / 14.464	- / 94.049	- / 141.820	
<i>Subtotal: Procurement, All Modification Items</i>	6,361 / 99.330	1,916 / 59.009	383 / 19.624	825 / 29.978	- / -	825 / 29.978	1,092 / 57.999	732 / 170.287	883 / 457.251	1,206 / 515.816	1,986 / 1,423.489	15,384 / 2,832.783	
<b>Installation</b>													
<i>Modification Item 1 of 11: Mobile Gun System (MGS) Full Materiel Release(FMR)</i>	181 / 1.208	206 / 1.433	11 / 0.074	85 / 9.225	- / -	85 / 9.225	176 / 4.452	- / -	- / -	- / -	- / -	659 / 16.392	
<i>Modification Item 2 of 11: Fleet Modifications</i>	326 / 0.198	925 / 0.249	53 / 0.204	678 / 0.375	- / -	678 / 0.375	858 / 3.610	670 / 0.536	636 / 2.719	843 / 1.378	1,504 / 1.410	6,493 / 10.679	
<i>Modification Item 3 of 11: Video Display Electronic Terminal (VDET)</i>	664 / 0.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	664 / 0.509	
<i>Modification Item 4 of 11: C4I Obsolescence and Next Generation Items</i>	2,644 / 0.292	- / -	210 / 0.021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 0.313	
<i>Modification Item 5 of 11: Block Mod Retrofit</i>	2,326 / 24.918	10 / 0.110	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,336 / 25.028	
<i>Modification Item 6 of 11: Test Fleet Maintenance</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 7 of 11: Retrofit Planning and Site Management</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 8 of 11: Training Aids, Devices, Simulators and Simulations</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 9 of 11: Engineer Change Proposal (ECP) Exchange</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	122 / 43.582	240 / 86.712	766 / 284.901	1,128 / 415.195	
<i>Modification Item 10 of 11: Double V Hull (DVH) Survivability and Safety Mods</i>	0 / 0.000	- / -	1,104 / 0.599	62 / 0.105	- / -	62 / 0.105	58 / 0.098	- / -	- / -	- / -	- / -	1,224 / 0.802	
<i>Modification Item 11 of 11: Program Management Support</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Installation</i>	6,141 / 27.125	1,141 / 1.792	1,378 / 0.898	825 / 9.705	- / -	825 / 9.705	1,092 / 8.160	670 / 0.536	758 / 46.301	1,083 / 88.090	2,270 / 286.311	15,358 / 468.918	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>126.455</b>	<b>60.801</b>	<b>20.522</b>	<b>39.683</b>	<b>-</b>	<b>39.683</b>	<b>66.159</b>	<b>170.823</b>	<b>503.552</b>	<b>603.906</b>	<b>1,709.800</b>	<b>3,301.701</b>	



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 1 of 11:** Mobile Gun System (MGS) Full Materiel Release(FMR)

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GDLS Defense Group, L.L.C      Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months): 3      Production Leadtime (in Months): 4

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

**Installation Information**

**Method of Implementation:** Prime Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	181 / 1.208	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	181 / 1.208
FY 2013	0 / 0.000	206 / 1.433	11 / 0.074	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	217 / 1.507
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	85 / 9.225	- / -	85 / 9.225	- / -	- / -	- / -	- / -	- / -	85 / 9.225
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	176 / 4.452	- / -	- / -	- / -	- / -	176 / 4.452
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	181 / 1.208	206 / 1.433	11 / 0.074	85 / 9.225	- / -	85 / 9.225	176 / 4.452	- / -	- / -	- / -	- / -	659 / 16.392

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	181	-	-	-	217	-	-	-	-	-	-	85	-	-	-	176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	181	-	-	-	206	11	-	-	-	-	-	-	85	-	-	-	176	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 2 of 11:** Fleet Modifications

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GDLS Defense Group, LLC      Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months): 2      Production Leadtime (in Months): 3

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

**Installation Information**

**Method of Implementation:** Prime contractor to produce hardware, installation by both prime contract and field team

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	326 / 0.198	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	326 / 0.198
FY 2013	0 / 0.000	925 / 0.249	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	925 / 0.249
FY 2014	0 / 0.000	- / -	53 / 0.204	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	53 / 0.204
FY 2015	0 / 0.000	- / -	- / -	678 / 0.375	- / -	678 / 0.375	- / -	- / -	- / -	- / -	- / -	678 / 0.375
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	858 / 3.610	- / -	- / -	- / -	- / -	858 / 3.610
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	670 / 0.536	- / -	- / -	- / -	670 / 0.536
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	636 / 2.719	- / -	- / -	636 / 2.719
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	843 / 1.378	- / -	843 / 1.378
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,504 / 1.410	1,504 / 1.410
Total	326 / 0.198	925 / 0.249	53 / 0.204	678 / 0.375	- / -	678 / 0.375	858 / 3.610	670 / 0.536	636 / 2.719	843 / 1.378	1,504 / 1.410	6,493 / 10.679

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	326	-	925	-	-	-	53	-	-	-	678	-	-	-	858	-	-	-	670	-	-	-	636	-	-	-	843	-	-	1,504	6,493
Out	326	-	-	925	-	-	-	53	-	-	-	678	-	-	-	858	-	-	-	670	-	-	-	636	-	-	-	843	-	1,504	6,493

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 3 of 11:** Video Display Electronic Terminal (VDET)

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GDLS Defense Group, L.L.C      Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months): 1      Production Leadtime (in Months): 7

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

**Installation Information**

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

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	664 / 0.509	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	664 / 0.509
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	664 / 0.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	664 / 0.509

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	664	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	664
Out	664	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	664

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 4 of 11:** C4I Obsolescence and Next Generation Items

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GDLS Defense Group, L.L.C.      Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months): 1      Production Leadtime (in Months): 7

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

**Installation Information**

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

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2,644 / 0.292	- / 0.000	210 / 0.021	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	2,854 / 0.313
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2,644 / 0.292	- / -	210 / 0.021	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,854 / 0.313

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2,854	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,854
Out	2,644	-	-	-	-	-	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,854

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 5 of 11:** Block Mod Retrofit

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GDLS Defense Group, L.L.C.      Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months): 2      Production Leadtime (in Months): 6

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

**Installation Information**

**Method of Implementation:** Combination of field team and contractors at a government facility.

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2,326 / 24.918	10 / 0.110	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	2,336 / 25.028
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2,326 / 24.918	10 / 0.110	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,336 / 25.028

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot								
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4										
In	2,336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,336
Out	2,326	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,336

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 6 of 11:** Test Fleet Maintenance

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GDLS Defense Group, L.L.C      Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months): 1      Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Maintenance is provided by contractor at government test sites.

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 7 of 11:** Retrofit Planning and Site Management

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GDLS Defense Group, L.L.C

Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months): 3

Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Prime Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 8 of 11:** Training Aids, Devices, Simulators and Simulations

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Rockwell Collins Simulation & Training

Manufacturer Location: Cedar Rapids, Iowa

Administrative Leadtime (in Months): 1

Production Leadtime (in Months): 7

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

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 9 of 11:** Engineer Change Proposal (ECP) Exchange

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GDLS Defense Group, L.L.C

Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months): 3

Production Leadtime (in Months): 3

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates					Aug 2017	Apr 2018	Mar 2019
Delivery Dates					Nov 2017	Jul 2018	Jul 2019

**Installation Information**

**Method of Implementation:** Prime Contractor and depot team to produce hardware and perform installation

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 22.039	- / -	- / -	62 / 22.039
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / 21.543	161 / 57.808	- / -	221 / 79.351
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	79 / 28.904	284 / 103.906	363 / 132.810
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	482 / 180.995	482 / 180.995
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	122 / 43.582	240 / 86.712	766 / 284.901	1,128 / 415.195

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	20	50	60	60	60	60	60	748	1,128
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	50	50	60	60	60	60	766	1,128

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 10 of 11:** Double V Hull (DVH) Survivability and Safety Mods

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GDLS Defense Group, L.L.C.      Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months): 2      Production Leadtime (in Months): 4

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

**Installation Information**

**Method of Implementation:** Prime Contractor to produce hardware and perform installation

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	774 / 0.039	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	774 / 0.039
FY 2014	0 / 0.000	- / -	330 / 0.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	330 / 0.560
FY 2015	0 / 0.000	- / -	- / -	62 / 0.105	- / -	62 / 0.105	- / -	- / -	- / -	- / -	- / -	62 / 0.105
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	58 / 0.098	- / -	- / -	- / -	- / -	58 / 0.098
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	1,104 / 0.599	62 / 0.105	- / -	62 / 0.105	58 / 0.098	- / -	- / -	- / -	- / -	1,224 / 0.802

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	-	-	-	-	-	-	-	-	1,104	-	-	-	62	-	-	-	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	1,104	-	-	-	62	-	-	-	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GM0100 / Stryker (Mod)	<b>Modification Number / Title:</b> GM0100 / STRYKER MODIFICATION

**Modification Item 11 of 11:** Program Management Support

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GM GLDS Defense Group, L.L.C.      Manufacturer Location: Sterling Heights, Michigan

Administrative Leadtime (in Months):      Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Government employees

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** 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

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,141.131	52.331	29.965	26.759	-	26.759	-	-	-	0.003	-	1,250.189
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,141.131	52.331	29.965	26.759	-	26.759	-	-	-	0.003	-	1,250.189
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>1,141.131</b>	<b>52.331</b>	<b>29.965</b>	<b>26.759</b>	<b>-</b>	<b>26.759</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.003</b>	<b>-</b>	<b>1,250.189</b>

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

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

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

**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 Situational Awareness (SA) and A3 BFIST.

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 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 Fire Support Sensor System (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 M7 BFIST is currently being transitioned to the M7 BFIST Situational Awareness (SA) Variant.

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 give the M7 SA the same crew survivability as the A3 BFIST.

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	31.444	13.487	2.045	-	2.045	-	-	-	0.003
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	20.887	16.478	24.714	-	24.714	-	-	-	-
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>52.331</b>	<b>29.965</b>	<b>26.759</b>	-	<b>26.759</b>	-	-	-	<b>0.003</b>

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GZ2300 / FS3 on A3 BFIST / M7 BFIST SA	P-3a		-	-	1,141.131	-	-	52.331	-	-	29.965	-	-	26.759	-	-	-	-	-	26.759
<b>Total Gross/Weapon System Cost</b>			-	-	<b>1,141.131</b>	-	-	<b>52.331</b>	-	-	<b>29.965</b>	-	-	<b>26.759</b>	-	-	-	-	-	<b>26.759</b>

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GZ2300 / FS3 on A3 BFIST / M7 BFIST SA	P-3a		-	-	-	-	-	-	-	-	-	-	-	0.003	-	-	-	-	-	1,250.189
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	-	-	-	-	-	-	<b>0.003</b>	-	-	-	-	-	<b>1,250.189</b>

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$26.759 million supports the procurement 28 FS3 A-Kits and 38 M7SA FS3 Sensors. This funding will also complete the procurement of the A-Kits required for the M7 BFIST SA vehicles equipped with FS3. With the addition of the FS3, the FIST mission will be able to detect, recognize, identify, and designate targets under armor, that match the A3 BFIST with FS3 capabilities and 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.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> GZ2300 / FIST Vehicle (Mod)						<b>Modification Number / Title:</b> GZ2300 / FS3 on A3 BFIST / M7 BFIST SA			

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,141.131	52.331	29.965	26.759	-	26.759	-	-	-	0.003	-	1,250.189
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,141.131	52.331	29.965	26.759	-	26.759	-	-	-	0.003	-	1,250.189
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,141.131</b>	<b>52.331</b>	<b>29.965</b>	<b>26.759</b>	<b>-</b>	<b>26.759</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.003</b>	<b>-</b>	<b>1,250.189</b>

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

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

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

**Description:**

Removing the Tube-launched Optically-tracked Wire-guided (TOW) box and integrating the FS3 into the digital architecture of the A3 BFIST and M7 BFIST SA. 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, and meet the ORD requirements.

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	31.444	13.487	2.045	-	2.045	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	20.887	16.478	24.714	-	24.714	-	-	-	-
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	<b>52.331</b>	<b>29.965</b>	<b>26.759</b>	<b>-</b>	<b>26.759</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.003</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20					<b>P-1 Line Item Number / Title:</b> GZ2300 / FIST Vehicle (Mod)					<b>Modification Number / Title:</b> GZ2300 / FS3 on A3 BFIST / M7 BFIST SA				
<b>Models of Systems Affected: A3 BFIST / M7 BFIST SA</b>				<b>Modification Type: Increase Performance</b>				<b>Related RDT&amp;E PEs:</b>						
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total		
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		
<b>Procurement</b>														
<b>Modification Item 1 of 2: PRIOR YEAR CLOSED - BFIST</b>														
A Kits														
Recurring														
Prior Year Closed - A3 BFIST	189 / 957.258	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	189 / 957.258		
<i>Subtotal: Recurring</i>	- / 957.258	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 957.258		
<i>Subtotal: PRIOR YEAR CLOSED - BFIST</i>	189 / 957.258	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	189 / 957.258		
<b>Modification Item 2 of 2: FS3 on BFIST</b>														
A Kits														
Recurring														
BFIST A3 FS3 A-Kits	141 / 23.815	59 / 12.058	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	200 / 35.873		
BFIST A3 FS3 Sensors	162 / 53.424	53 / 8.878	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	215 / 62.302		
BFIST A3 GFE/GFM	0 / 7.914	- / 2.058	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 19.972		
BFIST M7SA FS3 A Kits	- / -	2 / 0.647	49 / 9.065	28 / 5.320	- / -	28 / 5.320	- / -	- / -	- / -	- / -	- / -	79 / 15.032		
BFIST M7SA FS3 Sensors	41 / 7.749	- / -	- / -	38 / 1.406	- / -	38 / 1.406	- / -	- / -	- / -	- / -	- / -	79 / 9.155		
BFIST M7SA GFE/GFM	- / -	- / -	- / 1.975	- / 0.462	- / -	- / 0.462	- / -	- / -	- / -	- / -	- / -	- / 2.437		
LL FS3 Sensor Mod Kits	0 / 2.355	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.355		
Engineering Production (A3 & M7SA)	0 / 61.222	- / 20.757	- / 10.627	- / 11.252	- / -	- / 11.252	- / -	- / -	- / -	- / -	- / -	- / 103.858		
Government Support (A3 & M7SA)	0 / 13.821	- / 2.900	- / 3.846	- / 3.500	- / -	- / 3.500	- / -	- / -	- / -	- / 0.003	- / -	- / 24.070		
Fielding (A3 & M7SA)	0 / 5.164	- / 3.310	- / 2.452	- / 2.310	- / -	- / 2.310	- / -	- / -	- / -	- / -	- / -	- / 13.236		
Test & Evaluation (A3 & M7SA)	0 / 8.409	- / 1.723	- / 2.000	- / 2.509	- / -	- / 2.509	- / -	- / -	- / -	- / -	- / -	- / 14.641		
<i>Subtotal: Recurring</i>	- / 183.873	- / 52.331	- / 29.965	- / 26.759	- / -	- / 26.759	- / -	- / -	- / -	- / 0.003	- / -	- / 292.931		
<i>Subtotal: FS3 on BFIST</i>	344 / 183.873	114 / 52.331	49 / 29.965	66 / 26.759	- / -	66 / 26.759	- / -	- / -	- / -	- / 0.003	- / -	573 / 292.931		
<i>Subtotal: Procurement, All Modification Items</i>	533 / 1,141.131	114 / 52.331	49 / 29.965	66 / 26.759	- / -	66 / 26.759	- / -	- / -	- / -	- / 0.003	- / -	762 / 1,250.189		
<b>Installation</b>														
<b>Modification Item 1 of 2: PRIOR YEAR CLOSED - BFIST</b>														
189 / 0.000														
<b>Modification Item 2 of 2: FS3 on BFIST</b>														
109 / 0.000														
<i>Subtotal: Installation</i>	298 / 0.000	49 / -	56 / -	65 / -	- / -	65 / -	- / -	- / -	- / -	- / -	- / -	468 / -		
<b>Total</b>														

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2300 / FIST Vehicle (Mod)	<b>Modification Number / Title:</b> GZ2300 / FS3 on A3 BFIST / M7 BFIST SA

<b>Models of Systems Affected:</b> A3 BFIST / M7 BFIST SA	<b>Modification Type:</b> Increase Performance	<b>Related RDT&amp;E PEs:</b>
---	--	-------------------------------

Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<b>Total Cost (Procurement + Support + Installation)</b>	1,141.131	52.331	29.965	26.759	-	26.759	-	-	-	0.003	-	1,250.189



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2300 / FIST Vehicle (Mod)	<b>Modification Number / Title:</b> GZ2300 / FS3 on A3 BFIST / M7 BFIST SA

**Modification Item 1 of 2:** PRIOR YEAR CLOSED - BFIST

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

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

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

**Installation Information**

**Method of Implementation:** X

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	189 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / -	- / -	- / -	- / 0.000	- / 0.000	189 / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	189 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	189 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189
Out	189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	189

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2300 / FIST Vehicle (Mod)	<b>Modification Number / Title:</b> GZ2300 / FS3 on A3 BFIST / M7 BFIST SA

**Modification Item 2 of 2:** FS3 on BFIST

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: BAE	Manufacturer Location: YORK, PA
Administrative Leadtime (in Months): 8	Production Leadtime (in Months): 4

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

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	109 / 0.000	49 / 0.000	24 / 0.000	- / 0.000	- / -	- / 0.000	- / -	- / -	- / -	- / 0.000	- / 0.000	182 / 0.000
FY 2013	0 / 0.000	- / -	32 / -	27 / -	- / -	27 / -	- / -	- / -	- / -	- / -	- / -	59 / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	38 / -	- / -	38 / -	- / -	- / -	- / -	- / -	- / -	38 / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	109 / 0.000	49 / -	56 / -	65 / -	- / -	65 / -	- / -	- / -	- / -	- / -	- / -	279 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	109	11	11	12	15	15	15	14	12	12	12	13	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	109	11	11	12	15	15	15	14	12	12	12	13	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles

**P-1 Line Item Number / Title:**  
 GZ2400 / Bradley Program (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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4,352.679	266.730	158.000	107.506	-	107.506	359.551	512.212	737.912	793.122	1,120.238	8,407.950
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4,352.679	266.730	158.000	107.506	-	107.506	359.551	512.212	737.912	793.122	1,120.238	8,407.950
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>4,352.679</b>	<b>266.730</b>	<b>158.000</b>	<b>107.506</b>	<b>-</b>	<b>107.506</b>	<b>359.551</b>	<b>512.212</b>	<b>737.912</b>	<b>793.122</b>	<b>1,120.238</b>	<b>8,407.950</b>

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

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

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

**Description:**

Bradley Program (MOD) procures upgrades to Bradley Fighting Vehicles. Bradley Operation Desert Storm-Situational Awareness (ODS-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 including Joint Tactical Radio System (JTRS) and Force XXI Battle Command - Brigade and Below (FBCB2). Additionally, the Bradley Program (MOD) procures M3-M2 conversions, safety upgrades to the transmission, and obsolescence mitigation to the Bradley Advanced Training System (BATS). Begin Underbelly Kit procurement in FY16.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	114.643	158.000	107.506	-	107.506	359.551	512.212	737.912	793.122
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	35.000	-	-	-	-	-	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	117.087	-	-	-	-	-	-	-	-
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** GZ2400 / Bradley Program (MOD)

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

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Secondary Distribution	Total Obligation Authority	266.730	158.000	107.506	-	107.506	359.551	512.212	737.912	793.122

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total				
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	
P-3a - GZ2400 / Bradley Program Mod	P-3a		-	-	4,352.679	-	-	266.730	-	-	158.000	-	-	107.506	-	-	-	-	-	-	107.506
<b>Total Gross/Weapon System Cost</b>			-	-	<b>4,352.679</b>	-	-	<b>266.730</b>	-	-	<b>158.000</b>	-	-	<b>107.506</b>	-	-	-	-	-	-	<b>107.506</b>

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GZ2400 / Bradley Program Mod	P-3a		-	-	359.551	-	-	512.212	-	-	737.912	-	-	793.122	-	-	1,120.238	-	-	8,407.950
<b>Total Gross/Weapon System Cost</b>			-	-	<b>359.551</b>	-	-	<b>512.212</b>	-	-	<b>737.912</b>	-	-	<b>793.122</b>	-	-	<b>1,120.238</b>	-	-	<b>8,407.950</b>

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$107.506 million supports procurement of multiple modifications to the Bradley Family of Vehicles including the following: funds the ODS-SA Fielding's to the ARNG & Program/Engineering Support; installation of 146 upgrade kits for ECP1; funds the conversion of 23 M3 to M2 to support digitization of the Armored Brigade Combat Team (ABCT) Combat Engineers; training device obsolescence mitigation to the Bradley Advanced Training System (BATS); transmission safety upgrades to safely operate the vehicle at full combat weight.

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**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>							<b>Date: March 2014</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)				<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4,352.679	266.730	158.000	107.506	-	107.506	359.551	512.212	737.912	793.122	1,120.238	8,407.950
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	4,352.679	266.730	158.000	107.506	-	107.506	359.551	512.212	737.912	793.122	1,120.238	8,407.950
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>4,352.679</b>	<b>266.730</b>	<b>158.000</b>	<b>107.506</b>	<b>-</b>	<b>107.506</b>	<b>359.551</b>	<b>512.212</b>	<b>737.912</b>	<b>793.122</b>	<b>1,120.238</b>	<b>8,407.950</b>

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

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

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

**Description:**

The Bradley Program (MOD) 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. JTRS, FBCB2). Bradley Program (MOD) also finishes fielding of Operation Desert Storm (ODS) vehicle upgrades that improve its Situational Awareness (SA) with Second Generation (GEN) Forward Looking Infrared (FLIR) capability. Funds the conversion of M3 to M2 to support digitization of the Armored Brigade Combat Team Engineer vehicles. Funds training device obsolescence mitigation to the Bradley Advanced Training System (BATS); procures transmission safety upgrades to safely operate the vehicle at full combat weight and sustains critical Bradley transmission industrial base. Begin Underbelly Kit Procurement in FY16.

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	114.643	158.000	107.506	-	107.506	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	35.000	-	-	-	-	-	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	117.087	-	-	-	-	-	-	-	-
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>266.730</b>	<b>158.000</b>	<b>107.506</b>	<b>-</b>	<b>107.506</b>	<b>359.551</b>	<b>512.212</b>	<b>737.912</b>	<b>793.122</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20					<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)					<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod			
<b>Models of Systems Affected: M2 &amp; M3 Bradley Vehicle Variants</b>				<b>Modification Type: Increase Performance</b>				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 8: Bradley Reactive Armor</b>													
A Kits													
Recurring													
Kit Quantity	2,676 / 765.100	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,676 / 765.100	
<b>Subtotal: Recurring</b>	<b>- / 765.100</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 765.100</b>	
<b>Subtotal: Bradley Reactive Armor</b>	<b>2,676 / 765.100</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>2,676 / 765.100</b>	
<b>Modification Item 2 of 8: BFVS High Priority Improvements</b>													
A Kits													
Recurring													
CMED Driver Vision Upgrade	617 / 85.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	617 / 85.500	
Reset Mods	756 / 10.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	756 / 10.500	
INU/Talon	271 / 5.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	271 / 5.000	
Heat Abatement/Cargo Hatch	2,764 / 2.870	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,764 / 2.870	
High Priority Mods	0 / 95.408	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 95.408	
Urban Survivability Mods	5,276 / 2,099.004	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,276 / 2,099.004	
<b>Subtotal: Recurring</b>	<b>- / 2,298.282</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 2,298.282</b>	
<b>Subtotal: BFVS High Priority Improvements</b>	<b>9,684 / 2,298.282</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>9,684 / 2,298.282</b>	
<b>Modification Item 3 of 8: Training Equipment Devices</b>													
A Kits													
Recurring													
Training Equipment	0 / 37.300	- / 5.600	- / 4.911	- / 3.550	- / -	- / 3.550	- / 58.338	- / 29.491	- / 24.125	- / 2.156	- / -	- / 165.471	
<b>Subtotal: Recurring</b>	<b>- / 37.300</b>	<b>- / 5.600</b>	<b>- / 4.911</b>	<b>- / 3.550</b>	<b>- / -</b>	<b>- / 3.550</b>	<b>- / 58.338</b>	<b>- / 29.491</b>	<b>- / 24.125</b>	<b>- / 2.156</b>	<b>- / -</b>	<b>- / 165.471</b>	
<b>Subtotal: Training Equipment Devices</b>	<b>0 / 37.300</b>	<b>- / 5.600</b>	<b>- / 4.911</b>	<b>- / 3.550</b>	<b>- / -</b>	<b>- / 3.550</b>	<b>- / 58.338</b>	<b>- / 29.491</b>	<b>- / 24.125</b>	<b>- / 2.156</b>	<b>- / -</b>	<b>- / 165.471</b>	
<b>Modification Item 4 of 8: ODS Situational Awareness</b>													
A Kits													
Recurring													
ODS Situational Awareness	770 / 1,176.887	- / 15.000	- / 7.666	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	770 / 1,199.553	
IBAS Refresh	- / -	- / 8.850	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.850	
ODS-SA VEHICLE VERSION IDENTIFICATION	- / -	- / 12.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.500	

**UNCLASSIFIED**

Exhibit P-3a, Individual Modification: PB 2015 Army											Date: March 2014	
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 01 / 20				P-1 Line Item Number / Title: GZ2400 / Bradley Program (MOD)				Modification Number / Title: GZ2400 / Bradley Program Mod				
Models of Systems Affected: M2 & M3 Bradley Vehicle Variants			Modification Type: Increase Performance				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
NET Fielding	- / -	- / -	- / -	- / 14.448	- / -	- / 14.448	- / -	- / -	- / -	- / -	- / -	- / 14.448
<i>Subtotal: Recurring</i>	- / 1,176.887	- / 136.350	- / 17.666	- / 14.448	- / -	- / 14.448	- / -	- / -	- / -	- / -	- / -	- / 1,225.351
<i>Subtotal: ODS Situational Awareness</i>	770 / 1,176.887	- / 136.350	- / 17.666	- / 14.448	- / -	- / 14.448	- / -	- / -	- / -	- / -	- / -	770 / 1,225.351
<b>Modification Item 5 of 8: Program/Engineering Support</b>												
A Kits												
Recurring												
Government PM support	0 / 51.210	- / 13.593	- / 12.376	- / 15.093	- / -	- / 15.093	- / 15.243	- / 16.711	- / 18.414	- / 23.772	- / -	- / 166.412
Contractor PM Support	0 / 23.900	- / 30.904	- / 12.124	- / 19.150	- / -	- / 19.150	- / 22.854	- / 38.657	- / 44.028	- / 49.580	- / -	- / 241.197
<i>Subtotal: Recurring</i>	- / 75.110	- / 44.497	- / 24.500	- / 34.243	- / -	- / 34.243	- / 38.097	- / 55.368	- / 62.442	- / 73.352	- / -	- / 407.609
<i>Subtotal: Program/Engineering Support</i>	0 / 75.110	- / 44.497	- / 24.500	- / 34.243	- / -	- / 34.243	- / 38.097	- / 55.368	- / 62.442	- / 73.352	- / -	- / 407.609
<b>Modification Item 6 of 8: Field Upgrades</b>												
A Kits												
Recurring												
ECP 1 Modification	- / -	194 / 64.945	242 / 81.403	137 / 50.279	- / -	137 / 50.279	600 / 198.811	481 / 151.446	206 / 64.622	- / -	- / -	1,860 / 611.506
ECP 2 Modification	- / -	- / -	- / -	- / -	- / -	- / -	- / -	162 / 235.089	362 / 545.211	467 / 675.396	863 / 1,113.082	1,854 / 2,568.778
Field Conversion M2 Common Stowage	- / -	- / 5.285	538 / 15.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	538 / 20.285
Field Conversion Inert BRAT	- / -	- / -	- / -	- / -	- / -	- / -	18 / 5.942	- / -	- / -	- / -	- / -	18 / 5.942
Underbelly	- / -	- / -	- / -	- / -	- / -	- / -	125 / 33.843	150 / 40.818	150 / 41.512	150 / 42.218	25 / 7.156	600 / 165.547
<i>Subtotal: Recurring</i>	- / -	- / 70.230	- / 96.403	- / 50.279	- / -	- / 50.279	- / 238.596	- / 427.353	- / 651.345	- / 717.614	- / 1,120.238	- / 3,372.058
<i>Subtotal: Field Upgrades</i>	- / -	194 / 70.230	780 / 96.403	137 / 50.279	- / -	137 / 50.279	743 / 238.596	793 / 427.353	718 / 651.345	617 / 717.614	888 / 1,120.238	4,870 / 3,372.058
<b>Modification Item 7 of 8: Conversion M3-M2</b>												
A Kits												
Recurring												
Conversion M3-M2	- / -	116 / 61.800	- / -	23 / 14.986	- / -	23 / 14.986	- / -	- / -	- / -	- / -	- / -	139 / 76.786
<i>Subtotal: Recurring</i>	- / -	- / 61.800	- / -	- / 14.986	- / -	- / 14.986	- / -	- / -	- / -	- / -	- / -	- / 76.786
<i>Subtotal: Conversion M3-M2</i>	- / -	116 / 61.800	- / -	23 / 14.986	- / -	23 / 14.986	- / -	- / -	- / -	- / -	- / -	139 / 76.786
<b>Modification Item 8 of 8: Braking Safety/Transmission Industrial Base</b>												
A Kits												

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date: March 2014</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)	<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod

<b>Models of Systems Affected: M2 &amp; M3 Bradley Vehicle Variants</b>	<b>Modification Type: Increase Performance</b>	<b>Related RDT&amp;E PEs:</b>
---	--	-------------------------------

Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Recurring												
Transmission	- / -	160 / 48.253	80 / 24.520	- / -	- / -	- / -	80 / 24.520	- / -	- / -	- / -	- / -	320 / 97.293
<i>Subtotal: Recurring</i>	- / -	- / 48.253	- / 24.520	- / -	- / -	- / -	- / 24.520	- / -	- / -	- / -	- / -	- / 97.293
<i>Subtotal: Braking Safety/Transmission Industrial Base</i>	- / -	160 / 48.253	80 / 24.520	- / -	- / -	- / -	80 / 24.520	- / -	- / -	- / -	- / -	320 / 97.293
<i>Subtotal: Procurement, All Modification Items</i>	13,130 / 4,352.679	470 / 266.730	860 / 158.000	160 / 107.506	- / -	160 / 107.506	823 / 359.551	793 / 512.212	718 / 737.912	617 / 793.122	888 / 1,120.238	18,459 / 8,407.950
<b>Installation</b>												
<i>Modification Item 1 of 8: Bradley Reactive Armor</i>	2,676 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,676 / -
<i>Modification Item 2 of 8: BFVS High Priority Improvements</i>	9,684 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9,684 / -
<i>Modification Item 3 of 8: Training Equipment Devices</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Modification Item 4 of 8: ODS Situational Awareness</i>	291 / 0.000	479 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	770 / -
<i>Modification Item 5 of 8: Program/Engineering Support</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Modification Item 6 of 8: Field Upgrades</i>	0 / 0.000	- / -	- / -	98 / -	- / -	98 / -	486 / -	458 / -	441 / -	767 / -	2,620 / -	4,870 / -
<i>Modification Item 7 of 8: Conversion M3-M2</i>	0 / 0.000	- / -	- / -	116 / -	- / -	116 / -	23 / -	- / -	- / -	- / -	- / -	139 / -
<i>Modification Item 8 of 8: Braking Safety/Transmission Industrial Base</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Subtotal: Installation</i>	12,651 / 0.000	479 / -	- / -	214 / -	- / -	214 / -	509 / -	458 / -	441 / -	767 / -	2,620 / -	18,139 / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	4,352.679	266.730	158.000	107.506	-	107.506	359.551	512.212	737.912	793.122	1,120.238	8,407.950



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20		<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)
		<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod

**Modification Item 1 of 8:** Bradley Reactive Armor

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: GDATP

Manufacturer Location: Burlington, VT

Administrative Leadtime (*in Months*): 5

Production Leadtime (*in Months*): 6

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

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	2,676 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	2,676 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2,676 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,676 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	2,676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,676
Out	2,676	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,676

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)	<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod

**Modification Item 2 of 8:** BFVS High Priority Improvements

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: BAE Manufacturer Location: YORK, PA

Administrative Leadtime (in Months): 5 Production Leadtime (in Months): 6

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

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	9,684 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	9,684 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	9,684 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9,684 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	9,684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,684
Out	9,684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,684

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)	<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod

**Modification Item 3 of 8:** Training Equipment Devices

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Competitive (Oasis/TBD)      Manufacturer Location: AUBURN HILLS, MI

Administrative Leadtime (in Months): 5      Production Leadtime (in Months): 12

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

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)	<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod

**Modification Item 4 of 8:** ODS Situational Awareness

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: BAE				Manufacturer Location: YORK, PA			
Administrative Leadtime (in Months): 8				Production Leadtime (in Months): 12			
Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	May 2013	May 2014	May 2015				
Delivery Dates	May 2014	May 2015	May 2016				

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	291 / 0.000	479 / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	770 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	291 / 0.000	479 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	770 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	291	119	119	120	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	291	119	119	120	121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)	<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod

**Modification Item 5 of 8:** Program/Engineering Support

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: N/A

Manufacturer Location: WARREN, MI

Administrative Leadtime (in Months): 1

Production Leadtime (in Months): 1

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

**Installation Information**

**Method of Implementation:** x

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date: March 2014</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)	<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod

**Modification Item 6 of 8:** Field Upgrades

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Competitive (BAE/TBD)      Manufacturer Location: ANNISTON, AL/ TBD

Administrative Leadtime (in Months): 6      Production Leadtime (in Months): 12

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

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	98 / -	- / -	98 / -	96 / -	- / -	- / -	- / -	- / -	194 / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	390 / -	390 / -	- / -	- / -	- / -	780 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	68 / -	69 / -	- / -	- / -	137 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	372 / -	371 / -	- / -	743 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	396 / -	397 / -	793 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	718 / -	718 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	617 / -	617 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	888 / -	888 / -
Total	0 / 0.000	- / -	- / -	98 / -	- / -	98 / -	486 / -	458 / -	441 / -	767 / -	2,620 / -	4,870 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	49	49	49	47	195	195	195	195	34	34	34	35	186	186	186	185	198	198	198	199	179	179	1,865	4,870
Out	-	-	-	-	-	-	-	-	-	-	-	49	49	49	47	195	195	195	195	34	34	34	35	186	186	186	185	198	198	2,620	4,870

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date: March 2014</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)	<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod

**Modification Item 7 of 8:** Conversion M3-M2

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: BAE				Manufacturer Location: YORK, PA			
Administrative Leadtime (in Months): 9				Production Leadtime (in Months): 10			
<b>Dates</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Contract Dates	Jun 2013		Jun 2015				
Delivery Dates	Apr 2014		Apr 2016				

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	116 / -	- / -	116 / -	- / -	- / -	- / -	- / -	- / -	116 / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	23 / -	- / -	- / -	- / -	- / -	23 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	116 / -	- / -	116 / -	23 / -	- / -	- / -	- / -	- / -	139 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot		
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
In	-	-	-	-	-	-	29	29	29	29	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139
Out	-	-	-	-	-	-	-	-	-	29	29	29	29	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	139

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army	<b>Date:</b> March 2014
--	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ2400 / Bradley Program (MOD)	<b>Modification Number / Title:</b> GZ2400 / Bradley Program Mod
--	--	---

**Modification Item 8 of 8:** Braking Safety/Transmission Industrial Base

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: L3COM	Manufacturer Location: MUSKEGON, MI
--------------------------	-------------------------------------

Administrative Leadtime (in Months): 5	Production Leadtime (in Months): 12
--	-------------------------------------

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

**Installation Information**

**Method of Implementation:** Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:**  
 GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)

**ID Code** (A=Service Ready, B=Not Service Ready) : B **Program Elements for Code B Items:** 0604854A **Other Related Program Elements:** 0604854A

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	1,867.073	8.630	4.769	45.411	-	45.411	48.426	65.139	67.544	77.099	97.586	2,281.677
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,867.073	8.630	4.769	45.411	-	45.411	48.426	65.139	67.544	77.099	97.586	2,281.677
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>1,867.073</b>	<b>8.630</b>	<b>4.769</b>	<b>45.411</b>	<b>-</b>	<b>45.411</b>	<b>48.426</b>	<b>65.139</b>	<b>67.544</b>	<b>77.099</b>	<b>97.586</b>	<b>2,281.677</b>

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

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

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

**Description:**

The Paladin program consists of the M109A6 Paladin Self-Propelled Howitzer (SPH) and the M992A2 Field Artillery Ammunition Supply Vehicle (FAASV). The funding profile supports all aspects of program management necessary to support the field fleet of 619 SPHs and 573 FAASVs in 23 Active Duty Army and National Guard Battalions organic to Armored Brigade Combat Teams (ABCT); 8 Battalions organic to Army Fires Brigades; two Battalions (plus floats) in ABCT Army Prepositioned Stocks; two Intuitional Training Sites, two Combat Training Center, and other facility vehicles for System Technical Support engineering developmental work and prove out.

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.630	-	27.625	-	27.625	29.055	39.083	40.526	46.259
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	4.769	17.786	-	17.786	19.371	26.056	27.018	30.840
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Obligation Authority</b>	<b>8.630</b>	<b>4.769</b>	<b>45.411</b>	<b>-</b>	<b>45.411</b>	<b>48.426</b>	<b>65.139</b>	<b>67.544</b>	<b>77.099</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)

**ID Code** (A=Service Ready, B=Not Service Ready) : B **Program Elements for Code B Items:** 0604854A **Other Related Program Elements:** 0604854A

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
P-3a - GA0400 / Paladin/ FAASV Modification Program	P-3a		-	-	1,867.073	-	-	8.630	-	-	4.769	-	-	45.411	-	-	-	-	-	45.411
<b>Total Gross/Weapon System Cost</b>			-	-	<b>1,867.073</b>	-	-	<b>8.630</b>	-	-	<b>4.769</b>	-	-	<b>45.411</b>	-	-	-	-	-	<b>45.411</b>

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
P-3a - GA0400 / Paladin/ FAASV Modification Program	P-3a		-	-	48.426	-	-	65.139	-	-	67.544	-	-	77.099	-	-	97.586	-	-	2,281.677
<b>Total Gross/Weapon System Cost</b>			-	-	<b>48.426</b>	-	-	<b>65.139</b>	-	-	<b>67.544</b>	-	-	<b>77.099</b>	-	-	<b>97.586</b>	-	-	<b>2,281.677</b>

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**

FY 2015 base procurement funding in the amount of \$45.411 million supports Paladin Systems Technical Support (STS), Program Office requirements, and Paladin Fire Control System (PFCS). Program Management is for the oversight of Other Governmental Agencies (OGAs) that provide material support to the system and the fielded units to ensure configuration management; provides the analysis and root cause of safety and non-safety related field failures; provides management of the Army's Paladin Combat Vehicle Evaluation (CVE) program; provides quality process management of production for Paladin Depot Overhaul operations; provides planning and execution for obsolescence of parts, sub-systems and systems; develop and coordinate shrinking supply base mitigation strategies with item managers. The program office works to lower Operation and Sustainment costs and improve unit readiness by analyzing data and determining solutions to solve the field's problem sets. Manages the Systems Technical Support/Sustainment Systems Technical Support (STS/SSTS) contract that provides the direct support to the program and the field. Contractor provides the direct engineering support required to integrate modification kits; provides the logistical support to provision, source, and support the field with the material solution/change. Contractor also updates/corrects all system technical data, provisioning data, technical manuals, and Interactive-Electronic Technical Manuals (IETMs). Contractor provides emergency field support to the Government as required essential for mission accomplishment.

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**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)				<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,867.073	8.630	4.769	45.411	-	45.411	48.426	65.139	67.544	77.099	97.586	2,281.677
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	1,867.073	8.630	4.769	45.411	-	45.411	48.426	65.139	67.544	77.099	97.586	2,281.677
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,867.073</b>	<b>8.630</b>	<b>4.769</b>	<b>45.411</b>	<b>-</b>	<b>45.411</b>	<b>48.426</b>	<b>65.139</b>	<b>67.544</b>	<b>77.099</b>	<b>97.586</b>	<b>2,281.677</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

Funding supports modifications to the Paladin/FAASV Stowage Improvements, Training Aids, Devices, Simulators and Simulations - Replacement (TADSS-R) kits/upgrades, Paladin Digital Fire Control System - Replacement (PDFCS-R) kits, and Dynamic Reference Unit Hybrid - Replacement (DRUH-R) kits, Paladin Fire Control System (PFCS) kits, Paladin Blue Force Tracker 2/KGV-72 kits, System Technical Support (STS), and Program Office Requirements. Installation costs are included in the contractor costs and cannot be broken out.

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.630	-	27.625	-	27.625	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	4.769	17.786	-	17.786	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>8.630</b>	<b>4.769</b>	<b>45.411</b>	<b>-</b>	<b>45.411</b>	<b>48.426</b>	<b>65.139</b>	<b>67.544</b>	<b>77.099</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)	<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program

<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles	<b>Modification Type:</b> Increase Performance	<b>Related RDT&amp;E PEs:</b>
--	--	-------------------------------

Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)

**Procurement**

<b>Modification Item 1 of 7: Prior Years Closed Mods</b>												
A Kits												
Recurring												
Prior Closed Mods	0 / 1,819.588	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,819.588
<i>Subtotal: Recurring</i>	- / 1,819.588	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,819.588
<i>Subtotal: Prior Years Closed Mods</i>	0 / 1,819.588	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1,819.588

<b>Modification Item 2 of 7: Paladin System Technical Support - Contr</b>												
A Kits												
Recurring												
STS	- / -	- / 4.110	- / 3.190	- / 4.066	- / -	- / 4.066	- / 3.453	- / 5.161	- / 5.976	- / 6.090	- / 42.138	- / 74.184
<i>Subtotal: Recurring</i>	- / -	- / 4.110	- / 3.190	- / 4.066	- / -	- / 4.066	- / 3.453	- / 5.161	- / 5.976	- / 6.090	- / 42.138	- / 74.184
<i>Subtotal: Paladin System Technical Support - Contr</i>	- / -	- / 4.110	- / 3.190	- / 4.066	- / -	- / 4.066	- / 3.453	- / 5.161	- / 5.976	- / 6.090	- / 42.138	- / 74.184

<b>Modification Item 3 of 7: Paladin Program Office</b>												
A Kits												
Recurring												
PM Support	0 / 1.242	- / 1.089	- / 1.240	- / 1.191	- / -	- / 1.191	- / 1.211	- / 1.234	- / 1.655	- / 1.686	- / -	- / 10.548
<i>Subtotal: Recurring</i>	- / 1.242	- / 1.089	- / 1.240	- / 1.191	- / -	- / 1.191	- / 1.211	- / 1.234	- / 1.655	- / 1.686	- / -	- / 10.548
<i>Subtotal: Paladin Program Office</i>	0 / 1.242	- / 1.089	- / 1.240	- / 1.191	- / -	- / 1.191	- / 1.211	- / 1.234	- / 1.655	- / 1.686	- / -	- / 10.548

<b>Modification Item 4 of 7: Paladin TADSS</b>												
A Kits												
Recurring												
Training Devices	0 / 4.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.408	- / -	- / 5.410
<i>Subtotal: Recurring</i>	- / 4.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.408	- / -	- / 5.410
<i>Subtotal: Paladin TADSS</i>	0 / 4.002	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.408	- / -	- / 5.410

<b>Modification Item 5 of 7: Paladin Stowage Improvements</b>												
A Kits												

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>											<b>Date:</b> March 2014		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)							<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program		
<b>Models of Systems Affected:</b> M109 Howitzer and M992 FAASV Vehicles				<b>Modification Type:</b> Increase Performance					<b>Related RDT&amp;E PEs:</b>				
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Recurring													
Stowage Improvements	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	185 / 4.004	371 / 13.373	556 / 17.377
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.004	- / 13.373	- / 17.377
<i>Subtotal: Paladin Stowage Improvements</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	185 / 4.004	371 / 13.373	556 / 17.377
<b>Modification Item 6 of 7: Paladin Fire Control System</b>													
A Kits													
Recurring													
Hardware	68 / 42.241	7 / 3.431	1 / 0.339	83 / 40.154	- / -	83 / 40.154	90 / 43.762	120 / 58.744	120 / 59.913	106 / 54.601	- / -	595 / 303.185	
<i>Subtotal: Recurring</i>	- / 42.241	- / 3.431	- / 0.339	- / 40.154	- / -	- / 40.154	- / 43.762	- / 58.744	- / 59.913	- / 54.601	- / -	- / 303.185	
<i>Subtotal: Paladin Fire Control System</i>	68 / 42.241	7 / 3.431	1 / 0.339	83 / 40.154	- / -	83 / 40.154	90 / 43.762	120 / 58.744	120 / 59.913	106 / 54.601	- / -	595 / 303.185	
<b>Modification Item 7 of 7: Paladin BFT-2/KGV-72</b>													
A Kits													
Recurring													
Hardware	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	118 / 9.310	477 / 42.075	595 / 51.385
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.310	- / 42.075	- / 51.385
<i>Subtotal: Paladin BFT-2/KGV-72</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	118 / 9.310	477 / 42.075	595 / 51.385
<i>Subtotal: Procurement, All Modification Items</i>	68 / 1,867.073	7 / 8.630	1 / 4.769	83 / 45.411	- / -	83 / 45.411	90 / 48.426	120 / 65.139	120 / 67.544	409 / 77.099	848 / 97.586	1,746 / 2,281.677	
<b>Installation</b>													
<b>Modification Item 1 of 7: Prior Years Closed Mods</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 2 of 7: Paladin System Technical Support - Contr</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 3 of 7: Paladin Program Office</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 4 of 7: Paladin TADSS</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 5 of 7: Paladin Stowage Improvements</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	556 / -	
<b>Modification Item 6 of 7: Paladin Fire Control System</b>	0 / 0.000	- / -	- / -	15 / -	- / -	15 / -	19 / -	125 / -	90 / -	120 / -	226 / -	595 / -	
<b>Modification Item 7 of 7: Paladin BFT-2/KGV-72</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	595 / -	
<b>Subtotal: Installation</b>	0 / 0.000	- / -	- / -	15 / -	- / -	15 / -	19 / -	125 / -	90 / -	120 / -	1,377 / -	1,746 / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	1,867.073	8.630	4.769	45.411	-	45.411	48.426	65.139	67.544	77.099	97.586	2,281.677	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)	<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program

**Modification Item 1 of 7:** Prior Years Closed Mods

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: x	Manufacturer Location: x
Administrative Leadtime (in Months):	Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** x

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)	<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program

**Modification Item 2 of 7:** Paladin System Technical Support - Contr

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: x				Manufacturer Location: x			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** N/A

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)	<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program

**Modification Item 3 of 7:** Paladin Program Office

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: x	Manufacturer Location: x
Administrative Leadtime (in Months):	Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** N/A

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)	<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program

**Modification Item 4 of 7:** Paladin TADSS

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

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

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

**Installation Information**

**Method of Implementation:** N/A

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)	<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program

**Modification Item 5 of 7:** Paladin Stowage Improvements

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

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

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

**Installation Information**

**Method of Implementation:** Field Retrofit

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	185 / -	185 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	371 / -	371 / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	556 / -	556 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	556	556
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	556	556

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)	<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program

**Modification Item 6 of 7:** Paladin Fire Control System

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime (in Months): 3	Production Leadtime (in Months): 24

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

**Installation Information**

**Method of Implementation:** x

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	15 / 0.000	- / -	15 / 0.000	19 / 0.000	34 / 0.000	- / 0.000	- / 0.000	- / 0.000	68 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	7 / -	- / -	- / -	- / -	7 / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	1 / -	- / -	- / -	- / -	1 / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	83 / -	- / -	- / -	- / -	83 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	90 / -	- / -	- / -	90 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	120 / -	- / -	120 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	120 / -	120 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	106 / -	106 / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	15 / -	- / -	15 / -	19 / -	125 / -	90 / -	120 / -	226 / -	595 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	5	5	5	6	-	-	13	34	35	35	21	22	22	22	24	30	30	30	30	226	595
Out	-	-	-	-	-	-	-	-	-	-	5	5	5	6	-	-	13	34	35	35	21	22	22	22	24	30	30	30	30	226	595

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0400 / Howitzer, Med Sp Ft 155MM M109A6 (MOD)	<b>Modification Number / Title:</b> GA0400 / Paladin/FAASV Modification Program

**Modification Item 7 of 7:** Paladin BFT-2/KGV-72

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD

Manufacturer Location: TBD

Administrative Leadtime (in Months): 3

Production Leadtime (in Months): 12

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

**Installation Information**

**Method of Implementation:** Field Retrofit

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	118 / -	118 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	477 / -	477 / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	595 / -	595 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	595	595
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	595	595

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:**  
 GZ0410 / Paladin Integrated Management (PIM)

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0600609A

**Line Item MDAP/MAIS Code:** **Item MDAP/MAIS Code(s):** 466

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO <sup>#</sup>	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	9	8	18	-	18	30	36	60	60	335	556
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	188.633	199.477	247.400	-	247.400	403.900	465.400	665.700	667.800	4,012.547	6,850.857
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	188.633	199.477	247.400	-	247.400	403.900	465.400	665.700	667.800	4,012.547	6,850.857
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>188.633</b>	<b>199.477</b>	<b>247.400</b>	-	<b>247.400</b>	<b>403.900</b>	<b>465.400</b>	<b>665.700</b>	<b>667.800</b>	<b>4,012.547</b>	<b>6,850.857</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	20,959.222	24,934.625	13,744.444	-	13,744.444	13,463.333	12,927.778	11,095.000	11,130.000	11,977.752	12,321.685

<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.

**Description:**

Paladin Integrated Management (PIM) is an ACAT 1D Acquisition Program. The program is intended to replace the current fleet of M109 Family of Vehicles (FoV) consisting of the M109A6 Self Propelled Howitzer and the 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 of 2009 as well as obsolescence and size/weight and power (SWaP) issues in the M109 FoV current Fleet. The PIM system integrates current Bradley Fighting Vehicle suspension and drive train items, Future Combat Systems (FCS) developed Electric Gun Drive systems and current fleet (M109A6) fire control systems into a new chassis that provides better force protection, survivability and mobility over the current fleet. PIM is a two vehicle system: Self Propelled Howitzer (SPH) and Carrier Ammunition Tracked (CAT.) The SPH has all characteristics listed above. The CAT utilizes all these same components and traits less those that relate directly to the cannon system. The PIM system replaces the current M109 FoV on a one for one basis, in the cannon fires battalions in the Armored Brigade Combat Team Formations and in the Echelons above Brigade (EAB). The overall intent is to increase Soldier force protection, vehicle survivability, provide an appropriate amount of SWaP capacity to add future capabilities, reduce life cycle costs and extend the life of the M109 FoV through FY2050.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	9	8	18	-	18	30	22	32	32
	Total Obligation Authority	188.633	199.477	247.400	-	247.400	403.900	273.360	420.660	425.880
ANG	Quantity	-	-	-	-	-	-	14	28	28
	Total Obligation Authority	-	-	-	-	-	-	192.040	245.040	241.920
<b>Total:</b>	<b>Quantity</b>	<b>9</b>	<b>8</b>	<b>18</b>	<b>-</b>	<b>18</b>	<b>30</b>	<b>36</b>	<b>60</b>	<b>60</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** GZ0410 / Paladin Integrated Management (PIM)

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:** 0600609A

**Line Item MDAP/MAIS Code:** **Item MDAP/MAIS Code(s):** 466

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Secondary Distribution	Total Obligation Authority	188.633	199.477	247.400	-	247.400	403.900	465.400	665.700	667.800

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - GZ0410 / Paladin Integrated Management (PIM)	P-5, P-5a, P-21	A	-	-	-	20,959.222	9	188.633	24,934.625	8	199.477	13,744.444	18	247.400	-	-	-	13,744.444	18	247.400
<b>Total Gross/Weapon System Cost</b>			-	-	-	<b>20,959.222</b>	<b>9</b>	<b>188.633</b>	<b>24,934.625</b>	<b>8</b>	<b>199.477</b>	<b>13,744.444</b>	<b>18</b>	<b>247.400</b>	-	-	-	<b>13,744.444</b>	<b>18</b>	<b>247.400</b>

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

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

**Justification:**  
 FY 2015 Base Procurement in the amount of \$247.400 million supports all aspects of the PIM Low Rate Initial Production (LRIP) program. Funding also supports Government Program Management required to provide oversight on contractor production operations that include: Quality Process Management, Program Management Reviews (weekly, monthly, and quarterly), Government Furnished Property and Material Management, and engineer activities resulting from waivers/deviations/problem resolution. Funds contractor operations that sustain production operations required to acquire materials, components and end-items; the manufacturing and assembly of sub-systems; the integration, test and check-out operations that results in the production of 18 SPH and 18 CATs.

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. Army Acquisition Objective (AAO): 580

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>				<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20		<b>MDAP/MAIS Code:</b> 466	<b>P-1 Line Item Number / Title:</b> GZ0410 / Paladin Integrated Management (PIM)			<b>Item Number / Title [DODIC]:</b> GZ0410 / Paladin Integrated Management (PIM)		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	9	8	18	-	18
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	188.633	199.477	247.400	-	247.400
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	188.633	199.477	247.400	-	247.400
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>188.633</b>	<b>199.477</b>	<b>247.400</b>	-	<b>247.400</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	20,959.222	24,934.625	13,744.444	-	13,744.444

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

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
<b>Flyaway Cost</b>																			
<b>Recurring Cost</b>																			
SYS ENG/ PROG MGMT (CONTRACTOR)		-	-	-	-	-	3.179	-	-	2.825	-	-	6.118	-	-	-	-	-	6.118
SYSTEM TECHNICAL SUPPORT		-	-	-	-	-	8.493	-	-	7.333	-	-	34.804	-	-	-	-	-	34.804
SYS TEST & EVALUATION (CONTRACTOR)		-	-	-	-	-	10.224	-	-	-	-	-	11.082	-	-	-	-	-	11.082
SYS ENG/ PROG MGMT (GOVERNMENT)		-	-	-	-	-	7.341	-	-	6.526	-	-	18.046	-	-	-	-	-	18.046
SYS TEST & EVALUATION (GOVERNMENT)		-	-	-	-	-	1.410	-	-	-	-	-	1.398	-	-	-	-	-	1.398
TRANSPORTATION		-	-	-	-	-	0.127	-	-	0.113	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	30.774	-	-	16.797	-	-	71.448	-	-	-	-	-	71.448
<b>Non Recurring Cost</b>																			
PRODUCTION FACILITIZATION		-	-	-	-	-	28.131	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>		-	-	-	-	-	28.131	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	-	-	-	58.905	-	-	16.797	-	-	71.448	-	-	-	-	-	71.448
<b>Hardware Cost</b>																			

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>													<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20							<b>MDAP/MAIS Code:</b> 466			<b>P-1 Line Item Number / Title:</b> GZ0410 / Paladin Integrated Management (PIM)			<b>Item Number / Title [DODIC]:</b> GZ0410 / Paladin Integrated Management (PIM)					

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<b>Recurring Cost</b>																			
MANUFACTURING <sup>(t)</sup>		-	-	-	9,366.222	9	84.296	11,709.375	8	93.675	8,361.833	18	150.513	-	-	-	8,361.833	18	150.513
GOVERNMENT FURNISHED EQUIPMENT (GFE)		-	-	-	-	-	5.468	-	-	4.860	-	-	10.841	-	-	-	-	-	10.841
THEATRE PROVIDED EQUIPMENT		-	-	-	-	-	1.129	-	-	1.004	-	-	-	-	-	-	-	-	-
RECURRING PRODUCTION - OTHER		-	-	-	-	-	1.375	-	-	1.222	-	-	2.515	-	-	-	-	-	2.515
ENGINEERING CHANGE ORDERS		-	-	-	-	-	4.804	-	-	4.271	-	-	7.043	-	-	-	-	-	7.043
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	97.072	-	-	105.032	-	-	170.912	-	-	-	-	-	170.912
<i>Subtotal: Hardware Cost</i>		-	-	-	-	-	97.072	-	-	105.032	-	-	170.912	-	-	-	-	-	170.912
<b>Support Cost</b>																			
TRAINING		-	-	-	-	-	1.538	-	-	1.368	-	-	3.534	-	-	-	-	-	3.534
DATA		-	-	-	-	-	20.288	-	-	-	-	-	-	-	-	-	-	-	-
SUPPORT EQUIPMENT		-	-	-	-	-	0.822	-	-	0.730	-	-	1.506	-	-	-	-	-	1.506
INITIAL SUPPORT EQUIP (ISE)		-	-	-	-	-	0.155	-	-	0.137	-	-	-	-	-	-	-	-	-
NEW EQUIP TRAINING (NET)		-	-	-	-	-	0.290	-	-	0.258	-	-	-	-	-	-	-	-	-
INITIAL SPARES (REPARABLES & CONSUMABLES)		-	-	-	-	-	2.977	-	-	2.647	-	-	-	-	-	-	-	-	-
OTHERS		-	-	-	-	-	6.586	-	-	72.508	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support Cost</i>		-	-	-	-	-	32.656	-	-	77.648	-	-	5.040	-	-	-	-	-	5.040
<b>Gross/Weapon System Cost</b>		-	-	-	20,959.222	9	188.633	24,934.625	8	199.477	13,744.444	18	247.400	-	-	-	13,744.444	18	247.400

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	9	8	18	-	18
	Total Obligation Authority	188.633	199.477	247.400	-	247.400
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>9</b>	<b>8</b>	<b>18</b>	<b>-</b>	<b>18</b>
	<b>Total Obligation Authority</b>	<b>188.633</b>	<b>199.477</b>	<b>247.400</b>	<b>-</b>	<b>247.400</b>

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



**UNCLASSIFIED**

<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2015 Army							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20			<b>P-1 Line Item Number / Title:</b> GZ0410 / Paladin Integrated Management (PIM)				<b>Item Number / Title [DODIC]:</b> GZ0410 / Paladin Integrated Management (PIM)					

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
MANUFACTURING <sup>(†)</sup>		2013	BAE / York	SS / FPIF	TACOM, Warren, MI	Nov 2013	Mar 2015	9	9,366.222			
MANUFACTURING <sup>(†)</sup>		2014	BAE / York	SS / FPIF	TACOM, Warren, MI	Nov 2013	Sep 2015	8	11,709.375			
MANUFACTURING <sup>(†)</sup>		2015	BAE / York	SS / FPIF	TACOM, Warren, MI	Mar 2015	Mar 2016	18	8,361.833			

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**

MDAP CODE: ACAT 1D.

FY13 quantity of 9 and FY14 quantity of 8 were awarded in the same contract. FY14 deliveries follows the FY13 deliveries.

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army													<b>Date:</b> March 2014												
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20						<b>P-1 Line Item Number / Title:</b> GZ0410 / Paladin Integrated Management (PIM)													<b>Item Number / Title [DODIC]:</b> GZ0410 / Paladin Integrated Management (PIM)						

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014													Fiscal Year 2015																			
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014													Calendar Year 2015																		
							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							
MANUFACTURING																																						
	1	2013	ARMY (III)	9	-	9																								2	2	2	1	1	1			
	1	2014	ARMY (IV)	8	-	8																															2	6
	1	2015	ARMY (V)	18	-	18																																18
							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							

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army															<b>Date:</b> March 2014														
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20										<b>P-1 Line Item Number / Title:</b> GZ0410 / Paladin Integrated Management (PIM)										<b>Item Number / Title [DODIC]:</b> GZ0410 / Paladin Integrated Management (PIM)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2016												Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016												Calendar Year 2017												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
MANUFACTURING																															
	1	2013	ARMY (III)	9	9	-																									
	1	2014	ARMY (IV)	8	2	6	1	2	1	1	1																				
	1	2015	ARMY (V)	18	-	18	-	-	-	-	-	2	1	2	1	2	1	2	2	1	2	1	1								
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army				<b>Date:</b> March 2014							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> GZ0410 / Paladin Integrated Management (PIM)				<b>Item Number / Title [DODIC]:</b> GZ0410 / Paladin Integrated Management (PIM)			

MFR Ref #	MFR Name - Location	Production Rates (Each / 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	12.00	120.00	240.00	-	2	16	18	-	6	12	18

**Remarks:**  
FY13 quantity of 9 and FY14 quantity of 8 were awarded in the same contract. FY14 deliveries follows the FY13 deliveries.

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

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

**Service/Agency Suffixes:**

- (III) BASE
- (IV) BASE
- (V) BASE

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles

**P-1 Line Item Number / Title:**  
 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	664	49	53	15	-	15	27	11	-	-	-	819
Gross/Weapon System Cost (\$ in Millions)	1,832.622	169.685	186.031	50.451	-	50.451	91.048	40.572	-	-	-	2,370.409
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,832.622	169.685	186.031	50.451	-	50.451	91.048	40.572	-	-	-	2,370.409
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>1,832.622</b>	<b>169.685</b>	<b>186.031</b>	<b>50.451</b>	<b>-</b>	<b>50.451</b>	<b>91.048</b>	<b>40.572</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,370.409</b>

*(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)	2,759.973	3,462.959	3,510.019	3,363.400	-	3,363.400	3,372.148	3,688.364	-	-	-	2,894.272

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

**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, an improved spade, and an improved A-frame boom which enables the vehicle to have a 35 ton lift capability.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	49	53	8	-	8	27	-	-	-
	Total Obligation Authority	169.685	186.031	27.100	-	27.100	91.048	-	-	-
ANG	Quantity	-	-	7	-	7	-	11	-	-
	Total Obligation Authority	-	-	23.351	-	23.351	-	40.572	-	-
<b>Total:</b>	<b>Quantity</b>	<b>49</b>	<b>53</b>	<b>15</b>	<b>-</b>	<b>15</b>	<b>27</b>	<b>11</b>	<b>-</b>	<b>-</b>
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>169.685</b>	<b>186.031</b>	<b>50.451</b>	<b>-</b>	<b>50.451</b>	<b>91.048</b>	<b>40.572</b>	<b>-</b>	<b>-</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles

**P-1 Line Item Number / Title:**  
 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:**

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)	P-5, P-5a, P-21	A	2,759.973	664	1,832.622	3,462.959	49	169.685	3,510.019	53	186.031	3,363.400	15	50.451	-	-	-	3,363.400	15	50.451
<b>Total Gross/Weapon System Cost</b>			<b>2,759.973</b>	<b>664</b>	<b>1,832.622</b>	<b>3,462.959</b>	<b>49</b>	<b>169.685</b>	<b>3,510.019</b>	<b>53</b>	<b>186.031</b>	<b>3,363.400</b>	<b>15</b>	<b>50.451</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,363.400</b>	<b>15</b>	<b>50.451</b>

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

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

**Justification:**

FY 2015 Base procurement dollars in the amount of \$50.451 million supports the vehicle production and the procurement of 15 M88A2 vehicles with M88 Family of Vehicles Operational Modifications with cut-in during production. 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 accomodates 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. The M88A2 procurement continues to support the supplier/vendor industrial base to mitigate any M88A2 production break.

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-5, Cost Analysis: PB 2015 Army** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)	<b>Item Number / Title [DODIC]:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)
--	---	--

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	664	49	53	15	-	15
Gross/Weapon System Cost (\$ in Millions)	1,832.622	169.685	186.031	50.451	-	50.451
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	1,832.622	169.685	186.031	50.451	-	50.451
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>1,832.622</b>	<b>169.685</b>	<b>186.031</b>	<b>50.451</b>	<b>-</b>	<b>50.451</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	2,759.973	3,462.959	3,510.019	3,363.400	-	3,363.400

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

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Vehicle Manufacturing - Contractor <sup>(†)</sup>		39,984.533	45	1,799.304	2,784.245	49	136.428	2,777.887	53	147.228	2,802.133	15	42.032	-	-	-	2,802.133	15	42.032
Vehicle Manufacturing - GFE		-	-	9.846	-	-	8.114	-	-	8.777	-	-	1.959	-	-	-	-	-	1.959
Contractor Engineering		-	-	10.164	-	-	11.629	-	-	15.082	-	-	0.706	-	-	-	-	-	0.706
Program Management		-	-	3.878	-	-	4.582	-	-	4.452	-	-	2.582	-	-	-	-	-	2.582
Transportation		-	-	1.700	-	-	1.225	-	-	1.725	-	-	0.225	-	-	-	-	-	0.225
Fielding (TPF & NET)		-	-	3.083	-	-	0.347	-	-	0.347	-	-	0.347	-	-	-	-	-	0.347
Test (Production Verification Testing)		-	-	0.600	-	-	0.500	-	-	1.000	-	-	0.500	-	-	-	-	-	0.500
M88A1 Hull Reclamation		-	-	4.047	-	-	6.860	-	-	7.420	-	-	2.100	-	-	-	-	-	2.100
<b>Subtotal: Recurring Cost</b>		<b>-</b>	<b>-</b>	<b>1,832.622</b>	<b>-</b>	<b>-</b>	<b>169.685</b>	<b>-</b>	<b>-</b>	<b>186.031</b>	<b>-</b>	<b>-</b>	<b>50.451</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50.451</b>
<b>Subtotal: Flyaway Cost</b>		<b>-</b>	<b>-</b>	<b>1,832.622</b>	<b>-</b>	<b>-</b>	<b>169.685</b>	<b>-</b>	<b>-</b>	<b>186.031</b>	<b>-</b>	<b>-</b>	<b>50.451</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50.451</b>
<b>Gross/Weapon System Cost</b>		<b>2,759.973</b>	<b>664</b>	<b>1,832.622</b>	<b>3,462.959</b>	<b>49</b>	<b>169.685</b>	<b>3,510.019</b>	<b>53</b>	<b>186.031</b>	<b>3,363.400</b>	<b>15</b>	<b>50.451</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,363.400</b>	<b>15</b>	<b>50.451</b>

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	49	53	8	-

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)	<b>Item Number / Title [DODIC]:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>
	Total Obligation Authority	169.685	186.031	27.100	-	27.100
ANG	Quantity	-	-	7	-	7
	Total Obligation Authority	-	-	23.351	-	23.351
<b>Total:</b>	<b>Quantity</b>	<b>49</b>	<b>53</b>	<b>15</b>	-	<b>15</b>
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>169.685</b>	<b>186.031</b>	<b>50.451</b>	-	<b>50.451</b>

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



**UNCLASSIFIED**

<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2015 Army							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20			<b>P-1 Line Item Number / Title:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)				<b>Item Number / Title [DODIC]:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)					

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Vehicle Manufacturing - Contractor <sup>(†)</sup>		2011	BAE Systems / York PA	SS / FFP	TACOM	Mar 2013	Aug 2013	45	2,565.000	N		Sep 2012
Vehicle Manufacturing - Contractor <sup>(†)</sup>		2013	BAE Systems / York PA	SS / FFP	TACOM	Aug 2013	Jun 2014	49	2,784.245	N		Oct 2012
Vehicle Manufacturing - Contractor <sup>(†)</sup>		2014	BAE Systems / York PA	SS / FFP	TACOM	Sep 2014	Oct 2015	53	2,777.887	N		Jul 2013
Vehicle Manufacturing - Contractor <sup>(†)</sup>		2015	BAE Systems / York PA	SS / FFP	TACOM	Mar 2015	Apr 2017	15	2,802.133	N		Jan 2015

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**

FY11 Army quantity of 45 M88A2 vehicles includes three separate contract awards:

July 2011 - 20 Vehicles  
 March 2012 - 14 Vehicles  
 March 2013 - 11 Vehicles

FY 2012- No vehicles were procured using FY2012 Funding.

FY 2013- Undefinitized Contract Actions (UCA) Award: Aug 2013 and Dec 2013, Definitization Mar 2014 - 49 Vehicles

FY 2014- Sep 2014 - 53 Vehicles

FY 2015- Mar 2015 - 15 Vehicles



**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army														<b>Date:</b> March 2014															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20										<b>P-1 Line Item Number / Title:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)										<b>Item Number / Title [DODIC]:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2015												Fiscal Year 2016													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015												Calendar Year 2016												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Vehicle Manufacturing - Contractor																															
	1	2011	ARMY	45	45	-																							-		
	1	2011	MC (#)	25	25	-																							-		
	<b>1</b>	<b>2011</b>	<b>TOTAL</b>	<b>70</b>	<b>70</b>	-																							-		
	1	2013	ARMY	49	12	37	3	3	3	3	3	3	3	3	3	3	3	1												-	
	1	2014	ARMY	53	-	53	-	-	-	-	-	-	-	-	-	-	-	2	3	3	3	3	3	3	3	3	3	3	3	18	
	1	2015	ARMY	15	-	15													-	-	-	-	-	-	-	-	-	-	-	15	
							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

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army														<b>Date:</b> March 2014															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20										<b>P-1 Line Item Number / Title:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)										<b>Item Number / Title [DODIC]:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2017												Fiscal Year 2018													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017												Calendar Year 2018												
							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	45	45	-																							-		
	1	2011	MC (#)	25	25	-																							-		
	<b>1</b>	<b>2011</b>	<b>TOTAL</b>	<b>70</b>	<b>70</b>	<b>-</b>																							-		
	1	2013	ARMY	49	49	-																							-		
	1	2014	ARMY	53	35	18	3	3	3	3	3	3																	-		
	1	2015	ARMY	15	-	15	-	-	-	-	-	-	3	3	3	3	3												-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army				<b>Date:</b> March 2014							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)				<b>Item Number / Title [DODIC]:</b> GA0570 / Improved Recovery Vehicle (M88A2 HERCULES)			

MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			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	1.00	96.00	144.00	-	6	17	23	-	6	25	31

**Remarks:**  
An ADM has been approved by the Milestone Decision Authority (MDA) to extend the funded delivery periods beyond the 12 month period.FY11 Army quantity of 20 and USMC quantity of 25 were awarded at the same time and the Army deliveries follows the USMC deliveries.ALT times vary for each contract award.

(\*) Delivery rows marked with this symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.  
The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.  
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** GZ3250 / Assault Bridge (Mod)

Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:						
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	333.631	-	2.500	2.473	-	2.473	2.481	3.526	5.955	2.483	-	353.049	
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (\$ in Millions)	333.631	-	2.500	2.473	-	2.473	2.481	3.526	5.955	2.483	-	353.049	
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Obligation Authority (\$ in Millions)</b>	<b>333.631</b>	<b>-</b>	<b>2.500</b>	<b>2.473</b>	<b>-</b>	<b>2.473</b>	<b>2.481</b>	<b>3.526</b>	<b>5.955</b>	<b>2.483</b>	<b>-</b>	<b>353.049</b>	

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

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

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

**Description:**

The Assault Bridge (MOD) budget line funds the modifications of assault bridging equipment. It is used to procure hardware, materials, and hardware installation cost required to complete the modification. Modifications are performed to correct safety deficiencies, increase mission capabilities, extend the useful life, improve supportability, upgrade existing technology, increase efficiency, improve readiness and to meet new legal and regulatory requirements. By modifying existing equipment, the Army maintains a ready, supportable inventory of equipment that meets current requirements and regulations at a cost considerably below that of buying new equipment.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
P-3a - GZ3250 / Assault Bridge Modifications	P-3a		-	-	333.631	-	-	-	-	-	2.500	-	-	2.473	-	-	-	-	-	2.473
<b>Total Gross/Weapon System Cost</b>			-	-	<b>333.631</b>	-	-	-	-	-	<b>2.500</b>	-	-	<b>2.473</b>	-	-	-	-	-	<b>2.473</b>
Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
P-3a - GZ3250 / Assault Bridge Modifications	P-3a		-	-	2.481	-	-	3.526	-	-	5.955	-	-	2.483	-	-	-	-	-	353.049
<b>Total Gross/Weapon System Cost</b>			-	-	<b>2.481</b>	-	-	<b>3.526</b>	-	-	<b>5.955</b>	-	-	<b>2.483</b>	-	-	-	-	-	<b>353.049</b>

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles		<b>P-1 Line Item Number / Title:</b> GZ3250 / Assault Bridge (Mod)
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
*For the P-3a, Title represents the Modification Number / Title.		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		

**Justification:**  
 FY 2015 Base procurement funds in the amount of \$2.473 million dollars supports the Active and the procurement/installation of Armored Vehicle Launch Bridge upgrades to the hydraulic and electrical system. Funding also supports the procurement and installation of Wolverine (Heavy Assault Bridge) modifications and upgrades to the fixed girder bolt, stowage and fire extinguishing system. By modifying existing equipment will correct safety deficiencies, increase mission capabilities, extend the useful life, improve supportability, upgrade existing technology, increase efficiency, improve readiness.

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**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> GZ3250 / Assault Bridge (Mod)				<b>Modification Number / Title:</b> GZ3250 / Assault Bridge Modifications				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	333.631	-	2.500	2.473	-	2.473	2.481	3.526	5.955	2.483	-	353.049
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	333.631	-	2.500	2.473	-	2.473	2.481	3.526	5.955	2.483	-	353.049
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>333.631</b>	<b>-</b>	<b>2.500</b>	<b>2.473</b>	<b>-</b>	<b>2.473</b>	<b>2.481</b>	<b>3.526</b>	<b>5.955</b>	<b>2.483</b>	<b>-</b>	<b>353.049</b>

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

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

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

**Description:**

The Assault Bridge (MOD) budget line funds the modifications of assault bridging equipment. It is used to procure hardware, materials, and hardware installation cost required to complete the modification. Modifications are performed to correct safety deficiencies, increase mission capabilities, extend the useful life, improve supportability, upgrade existing technology, increase efficiency, improve readiness and to meet new legal and regulatory requirements. By modifying existing equipment, the Army maintains a ready, supportable inventory of equipment that meets current requirements and regulations at a cost considerably below that of buying new equipment.



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20					<b>P-1 Line Item Number / Title:</b> GZ3250 / Assault Bridge (Mod)					<b>Modification Number / Title:</b> GZ3250 / Assault Bridge Modifications				
<b>Models of Systems Affected:</b> Armored Vehicle Launch Bridge, Wolverine				<b>Modification Type:</b> Equipment Upgrade/Technical Insertion				<b>Related RDT&amp;E PEs:</b>						
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total		
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		
<b>Procurement</b>														
<i>Modification Item 1 of 2: Armored Vehicle Launch Bridge</i>														
A Kits														
Recurring														
Installation Kits	- / -	- / -	3 / 0.670	3 / 0.636	- / -	3 / 0.636	3 / 0.670	9 / 0.336	9 / 0.336	9 / 0.670	- / -	36 / 3.318		
<i>Subtotal: Recurring</i>	- / -	- / -	- / 0.670	- / 0.636	- / -	- / 0.636	- / 0.670	- / 0.336	- / 0.336	- / 0.670	- / -	- / 3.318		
<i>Subtotal: Armored Vehicle Launch Bridge</i>	- / -	- / -	3 / 0.670	3 / 0.636	- / -	3 / 0.636	3 / 0.670	9 / 0.336	9 / 0.336	9 / 0.670	- / -	36 / 3.318		
<i>Modification Item 2 of 2: Wolverine</i>														
A Kits														
Recurring														
Installation Kits	- / -	- / -	6 / 1.000	6 / 1.033	- / -	6 / 1.033	6 / 1.000	12 / 2.033	13 / 3.667	6 / 1.000	- / -	49 / 9.733		
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.000	- / 1.033	- / -	- / 1.033	- / 1.000	- / 2.033	- / 3.667	- / 1.000	- / -	- / 9.733		
<i>Subtotal: Wolverine</i>	- / -	- / -	6 / 1.000	6 / 1.033	- / -	6 / 1.033	6 / 1.000	12 / 2.033	13 / 3.667	6 / 1.000	- / -	49 / 9.733		
<i>Subtotal: Procurement, All Modification Items</i>	- / -	- / -	9 / 1.670	9 / 1.669	- / -	9 / 1.669	9 / 1.670	21 / 2.369	22 / 4.003	15 / 1.670	- / -	85 / 13.051		
<b>Installation</b>														
<i>Modification Item 1 of 2: Armored Vehicle Launch Bridge</i>	0 / 333.631	- / -	3 / 0.330	3 / 0.314	- / -	3 / 0.314	3 / 0.330	9 / 0.164	9 / 0.164	9 / 0.330	- / -	36 / 335.263		
<i>Modification Item 2 of 2: Wolverine</i>	0 / 0.000	- / -	6 / 0.500	6 / 0.490	- / -	6 / 0.490	6 / 0.481	12 / 0.993	13 / 1.788	6 / 0.483	- / -	49 / 4.735		
<i>Subtotal: Installation</i>	0 / 333.631	- / -	9 / 0.830	9 / 0.804	- / -	9 / 0.804	9 / 0.811	21 / 1.157	22 / 1.952	15 / 0.813	- / -	85 / 339.998		
<b>Total</b>														
<b>Total Cost (Procurement + Support + Installation)</b>	<b>333.631</b>	<b>-</b>	<b>2.500</b>	<b>2.473</b>	<b>-</b>	<b>2.473</b>	<b>2.481</b>	<b>3.526</b>	<b>5.955</b>	<b>2.483</b>	<b>-</b>	<b>353.049</b>		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date: March 2014</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ3250 / Assault Bridge (Mod)	<b>Modification Number / Title:</b> GZ3250 / Assault Bridge Modifications

**Modification Item 1 of 2:** Armored Vehicle Launch Bridge

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Various

Manufacturer Location: Various

Administrative Leadtime (in Months): 8

Production Leadtime (in Months): 7

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

**Installation Information**

**Method of Implementation:** Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 333.631	- / -	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 333.631
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	3 / 0.330	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.330
FY 2015	0 / 0.000	- / -	- / -	3 / 0.314	- / -	3 / 0.314	- / -	- / -	- / -	- / -	- / -	3 / 0.314
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	3 / 0.330	- / -	- / -	- / -	- / -	3 / 0.330
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.164	- / -	- / -	- / -	9 / 0.164
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.164	- / -	- / -	9 / 0.164
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.330	- / -	9 / 0.330
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 333.631	- / -	3 / 0.330	3 / 0.314	- / -	3 / 0.314	3 / 0.330	9 / 0.164	9 / 0.164	9 / 0.330	- / -	36 / 335.263

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	9	-	-	-	9	-	-	9	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	9	-	-	-	9	-	-	-	9	-	-

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2015 Army** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 01 / 20 **P-1 Line Item Number / Title:** GZ3250 / Assault Bridge (Mod) **Modification Number / Title:** GZ3250 / Assault Bridge Modifications

**Modification Item 2 of 2:** Wolverine

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Various Manufacturer Location: Various

Administrative Leadtime (in Months): 8 Production Leadtime (in Months): 8

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

**Installation Information**

**Method of Implementation:** Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / -	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	6 / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.500
FY 2015	0 / 0.000	- / -	- / -	6 / 0.490	- / -	6 / 0.490	- / -	- / -	- / -	- / -	- / -	6 / 0.490
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	6 / 0.481	- / -	- / -	- / -	- / -	6 / 0.481
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.993	- / -	- / -	- / -	12 / 0.993
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 1.788	- / -	- / -	13 / 1.788
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.483	- / -	6 / 0.483
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	6 / 0.500	6 / 0.490	- / -	6 / 0.490	6 / 0.481	12 / 0.993	13 / 1.788	6 / 0.483	- / -	49 / 4.735

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	-	-	-	-	-	-	-	6	-	-	-	6	-	-	-	6	-	-	-	12	-	-	-	13	-	-	-	6	-	-	-	49
Out	-	-	-	-	-	-	-	-	6	-	-	-	6	-	-	-	6	-	-	-	12	-	-	-	13	-	-	-	6	-	-	49

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles

**P-1 Line Item Number / Title:**  
 G82925 / Assault Breacher Vehicle

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	88	3	14	7	-	7	-	-	-	-	-	112
Gross/Weapon System Cost (\$ in Millions)	318.742	18.948	62.951	36.583	-	36.583	-	2.979	-	-	-	440.203
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	318.742	18.948	62.951	36.583	-	36.583	-	2.979	-	-	-	440.203
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>318.742</b>	<b>18.948</b>	<b>62.951</b>	<b>36.583</b>	<b>-</b>	<b>36.583</b>	<b>-</b>	<b>2.979</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>440.203</b>

*(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)	3,622.068	6,316.000	4,496.500	5,226.143	-	5,226.143	-	-	-	-	-	3,930.384

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

**Description:**

The Assault Breacher Vehicle (ABV) is a combined program with the United States Marine Corps (USMC). It is a tracked combat engineer vehicle for the Marine Air Ground Task Force and the Army Armored Brigade Combat Team (ABCT). It is designed to breach minefields and barrier obstacles to enable the tanks and infantry of the ABCT 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 ABCTs. 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: 123

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	14	7	-	7	-	-	-	-
	Total Obligation Authority	-	62.951	36.583	-	36.583	-	2.979	-	-
ANG	Quantity	3	-	-	-	-	-	-	-	-
	Total Obligation Authority	18.948	-	-	-	-	-	-	-	-
<b>Total:</b>	<b>Quantity</b>	<b>3</b>	<b>14</b>	<b>7</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>18.948</b>	<b>62.951</b>	<b>36.583</b>	<b>-</b>	<b>36.583</b>	<b>-</b>	<b>2.979</b>	<b>-</b>	<b>-</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** G82925 / Assault Breacher Vehicle

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - G82925 / Assault Breacher Vehicle	P-5, P-5a, P-21		3,622.068	88	318.742	6,316.000	3	18.948	4,496.500	14	62.951	5,226.143	7	36.583	-	-	-	5,226.143	7	36.583
<b>Total Gross/Weapon System Cost</b>			<b>3,622.068</b>	<b>88</b>	<b>318.742</b>	<b>6,316.000</b>	<b>3</b>	<b>18.948</b>	<b>4,496.500</b>	<b>14</b>	<b>62.951</b>	<b>5,226.143</b>	<b>7</b>	<b>36.583</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,226.143</b>	<b>7</b>	<b>36.583</b>

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

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$36.583 million supports the procurement of 7 ABVs and associated government furnished equipment (GFE). 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. The ABV is fabricated at Anniston Army Depot, the FY15 GFE prices are based upon actual contract prices.

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**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>					<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20			<b>P-1 Line Item Number / Title:</b> G82925 / Assault Breacher Vehicle					<b>Item Number / Title [DODIC]:</b> G82925 / Assault Breacher Vehicle		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	88	3	14	7	-	7
Gross/Weapon System Cost (\$ in Millions)	318.742	18.948	62.951	36.583	-	36.583
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	318.742	18.948	62.951	36.583	-	36.583
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>318.742</b>	<b>18.948</b>	<b>62.951</b>	<b>36.583</b>	<b>-</b>	<b>36.583</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	3,622.068	6,316.000	4,496.500	5,226.143	-	5,226.143

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

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Hardware <sup>(†)</sup>		-	-	260.744	4,500.000	3	13.500	2,899.000	14	40.586	2,899.000	7	20.293	-	-	-	2,899.000	7	20.293
1. Full Width Mine Plow		-	-	-	-	-	-	287.000	8	2.296	381.000	4	1.524	-	-	-	381.000	4	1.524
2. Combat Dozer Blade		-	-	-	-	-	-	140.000	4	0.560	187.000	2	0.374	-	-	-	187.000	2	0.374
3. High Lift Adapter		-	-	-	-	-	-	167.000	14	2.338	211.000	7	1.477	-	-	-	211.000	7	1.477
4. Lane Marking System		-	-	-	-	-	-	165.000	14	2.310	209.900	7	1.469	-	-	-	209.900	7	1.469
5. Linear Demolition Control System		-	-	-	-	-	-	150.000	14	2.100	172.000	7	1.204	-	-	-	172.000	7	1.204
6. Integrated Vision System		-	-	-	-	-	-	280.000	14	3.920	415.000	7	2.905	-	-	-	415.000	7	2.905
7. Hull Integration Kit		-	-	-	-	-	-	16.000	14	0.224	16.000	7	0.112	-	-	-	16.000	7	0.112
8. Embedded Diagnostic Kit		-	-	-	-	-	-	35.000	14	0.490	75.000	7	0.525	-	-	-	75.000	7	0.525
Fielding		-	-	25.000	-	-	2.131	-	-	3.712	-	-	2.352	-	-	-	-	-	2.352
System Fielding/ Program Management		-	-	18.000	-	-	2.117	-	-	2.815	-	-	2.748	-	-	-	-	-	2.748
Data		-	-	14.998	-	-	1.200	-	-	1.600	-	-	1.600	-	-	-	-	-	1.600
<b>Subtotal: Recurring Cost</b>		<b>-</b>	<b>-</b>	<b>318.742</b>	<b>-</b>	<b>-</b>	<b>18.948</b>	<b>-</b>	<b>-</b>	<b>62.951</b>	<b>-</b>	<b>-</b>	<b>36.583</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>36.583</b>
<b>Subtotal: Flyaway Cost</b>		<b>-</b>	<b>-</b>	<b>318.742</b>	<b>-</b>	<b>-</b>	<b>18.948</b>	<b>-</b>	<b>-</b>	<b>62.951</b>	<b>-</b>	<b>-</b>	<b>36.583</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>36.583</b>
<b>Gross/Weapon System Cost</b>		<b>3,622.068</b>	<b>88</b>	<b>318.742</b>	<b>6,316.000</b>	<b>3</b>	<b>18.948</b>	<b>4,496.500</b>	<b>14</b>	<b>62.951</b>	<b>5,226.143</b>	<b>7</b>	<b>36.583</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,226.143</b>	<b>7</b>	<b>36.583</b>

**UNCLASSIFIED**

**Exhibit P-5, Cost Analysis: PB 2015 Army** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> G82925 / Assault Breacher Vehicle	<b>Item Number / Title [DODIC]:</b> G82925 / Assault Breacher Vehicle
--	---	--

	<b>Secondary Distribution</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>
Army	Quantity	-	14	7	-	7
	Total Obligation Authority	-	62.951	36.583	-	36.583
ANG	Quantity	3	-	-	-	-
	Total Obligation Authority	18.948	-	-	-	-
<b>Total:</b>	<b>Quantity</b>	<b>3</b>	<b>14</b>	<b>7</b>	<b>-</b>	<b>7</b>
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>18.948</b>	<b>62.951</b>	<b>36.583</b>	<b>-</b>	<b>36.583</b>

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

**UNCLASSIFIED**

**Exhibit P-5a, Procurement History and Planning: PB 2015 Army** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> G82925 / Assault Breacher Vehicle	<b>Item Number / Title [DODIC]:</b> G82925 / Assault Breacher Vehicle
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Hardware <sup>(†)</sup>		2013	Anniston Army Depot / Anniston	MIPR	TACOM, Warren, MI	Jul 2013	Jul 2014	3	4,500.000	Y		
Hardware <sup>(†)</sup>		2014	Anniston Army Depot / Anniston	MIPR	TACOM, Warren, MI	May 2014	May 2015	14	2,899.000	Y		
Hardware <sup>(†)</sup>		2015	Anniston Army Depot / Anniston	MIPR	TACOM, Warren, MI	May 2015	May 2016	7	2,899.000	Y		

<sup>(†)</sup> indicates the presence of a P-21



**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A / 01 / 20

**P-1 Line Item Number / Title:**  
G82925 / Assault Breacher Vehicle

**Item Number / Title [DODIC]:**  
G82925 / Assault Breacher Vehicle

Cost Elements (Units in Each)						Fiscal Year 2013															Fiscal Year 2014															
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013															Calendar Year 2014														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					
Hardware																																				
	1	2013	ARMY (VI)	3	-	3											-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-				
	1	2014	ARMY (VII)	14	-	14																										14				
	1	2015	ARMY (VIII)	7	-	7																										7				
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												

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> G82925 / Assault Breacher Vehicle	<b>Item Number / Title [DODIC]:</b> G82925 / Assault Breacher Vehicle
--	---	--

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2015												Fiscal Year 2016													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015												Calendar Year 2016												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
Hardware																															
	1	2013	ARMY (VI)	3	3	-																									
	1	2014	ARMY (VII)	14	-	14	-	-	-	-	-	-	-	2	2	1	1	1	1	1	1	1	1	1	1	1	1	-			
	1	2015	ARMY (VIII)	7	-	7																						2			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> G82925 / Assault Breacher Vehicle	<b>Item Number / Title [DODIC]:</b> G82925 / Assault Breacher Vehicle
--	---	--

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2017												Fiscal Year 2018													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 6	BAL D U E A S O F 1 O C T	Calendar Year 2017												Calendar Year 2018												
							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	2013	ARMY (VI)	3	3	-																									
	1	2014	ARMY (VII)	14	14	-																									
	1	2015	ARMY (VIII)	7	5	2	1	1																							
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army	<b>Date:</b> March 2014
--	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> G82925 / Assault Breacher Vehicle	<b>Item Number / Title [DODIC]:</b> G82925 / Assault Breacher Vehicle
--	---	--

MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			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	1.00	12.00	36.00	-	10	12	22	-	8	12	20

**Remarks:**

Production rates are yearly.

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

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

**Service/Agency Suffixes:**

- (VI) Base
- (VII) Base
- (VIII) Base

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** G80571 / M88 FOV MODS

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	41.588	29.891	28.469	1.975	-	1.975	31.097	35.585	28.929	16.746	-	214.280
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	41.588	29.891	28.469	1.975	-	1.975	31.097	35.585	28.929	16.746	-	214.280
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>41.588</b>	<b>29.891</b>	<b>28.469</b>	<b>1.975</b>	<b>-</b>	<b>1.975</b>	<b>31.097</b>	<b>35.585</b>	<b>28.929</b>	<b>16.746</b>	<b>-</b>	<b>214.280</b>

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

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

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

**Description:**

The M88 Fleet Modification Program applies Materiel Developer and Combat Developer approved modifications to the fielded M88 family of vehicles (FOV). These improvements include 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, while increasing commonality. 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	29.891	15.566	1.806	-	1.806	23.000	30.632	28.929	16.746
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	12.903	0.169	-	0.169	8.097	4.953	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Obligation Authority</b>	<b>29.891</b>	<b>28.469</b>	<b>1.975</b>	<b>-</b>	<b>1.975</b>	<b>31.097</b>	<b>35.585</b>	<b>28.929</b>	<b>16.746</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** G80571 / M88 FOV MODS

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - G80571 / M88 FOV Field upgrade	P-3a		-	-	41.588	-	-	29.891	-	-	28.469	-	-	1.975	-	-	-	-	-	1.975
<b>Total Gross/Weapon System Cost</b>			-	-	<b>41.588</b>	-	-	<b>29.891</b>	-	-	<b>28.469</b>	-	-	<b>1.975</b>	-	-	-	-	-	<b>1.975</b>

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
P-3a - G80571 / M88 FOV Field upgrade	P-3a		-	-	31.097	-	-	35.585	-	-	28.929	-	-	16.746	-	-	-	-	-	214.280
<b>Total Gross/Weapon System Cost</b>			-	-	<b>31.097</b>	-	-	<b>35.585</b>	-	-	<b>28.929</b>	-	-	<b>16.746</b>	-	-	-	-	-	<b>214.280</b>

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**

FY 2015 base procurement dollars in the amount of \$1.975 Million supports procurement and field installation of operational modification kits. 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. Modifications support enhancements in operational safety, maintainability, and network capability for the M88 fleet of vehicles.

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

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> G80571 / M88 FOV MODS						<b>Modification Number / Title:</b> G80571 / M88 FOV Field upgrade			

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	41.588	29.891	28.469	1.975	-	1.975	31.097	35.585	28.929	16.746	-	214.280
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	41.588	29.891	28.469	1.975	-	1.975	31.097	35.585	28.929	16.746	-	214.280
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>41.588</b>	<b>29.891</b>	<b>28.469</b>	<b>1.975</b>	<b>-</b>	<b>1.975</b>	<b>31.097</b>	<b>35.585</b>	<b>28.929</b>	<b>16.746</b>	<b>-</b>	<b>214.280</b>

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

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

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

**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.

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	29.891	15.566	1.806	-	1.806	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	12.903	0.169	-	0.169	-	-	-	-
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	29.891	28.469	1.975	-	1.975	31.097	35.585	28.929	16.746

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20					<b>P-1 Line Item Number / Title:</b> G80571 / M88 FOV MODS					<b>Modification Number / Title:</b> G80571 / M88 FOV Field upgrade			
<b>Models of Systems Affected: M88</b>				<b>Modification Type: Increase Performance</b>				<b>Related RDT&amp;E PEs:</b>					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<i>Modification Item 1 of 1: M88 FOV Field Upgrades</i>													
A Kits													
Recurring													
M88 FOV Mod Kit	83 / 41.588	545 / 29.891	232 / 28.469	16 / 1.975	- / -	16 / 1.975	48 / 5.726	60 / 7.286	51 / 6.305	- / -	- / -	1,035 / 121.240	
Program Mgt	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.938	- / 4.009	- / -	- / 17.947	
Field Safety & Operational Fixes STS	- / -	- / -	- / -	- / -	- / -	- / -	- / 25.371	- / 28.299	- / 18.686	- / 12.737	- / -	- / 85.093	
<i>Subtotal: Recurring</i>	<i>- / 41.588</i>	<i>- / 29.891</i>	<i>- / 28.469</i>	<i>- / 1.975</i>	<i>- / -</i>	<i>- / 1.975</i>	<i>- / 31.097</i>	<i>- / 35.585</i>	<i>- / 28.929</i>	<i>- / 16.746</i>	<i>- / -</i>	<i>- / 214.280</i>	
<i>Subtotal: M88 FOV Field Upgrades</i>	<i>83 / 41.588</i>	<i>545 / 29.891</i>	<i>232 / 28.469</i>	<i>16 / 1.975</i>	<i>- / -</i>	<i>16 / 1.975</i>	<i>48 / 31.097</i>	<i>60 / 35.585</i>	<i>51 / 28.929</i>	<i>- / 16.746</i>	<i>- / -</i>	<i>1,035 / 214.280</i>	
<i>Subtotal: Procurement, All Modification Items</i>	<i>83 / 41.588</i>	<i>545 / 29.891</i>	<i>232 / 28.469</i>	<i>16 / 1.975</i>	<i>- / -</i>	<i>16 / 1.975</i>	<i>48 / 31.097</i>	<i>60 / 35.585</i>	<i>51 / 28.929</i>	<i>- / 16.746</i>	<i>- / -</i>	<i>1,035 / 214.280</i>	
<b>Installation</b>													
<i>Modification Item 1 of 1: M88 FOV Field Upgrades</i>	<i>0 / 0.000</i>	<i>83 / -</i>	<i>545 / -</i>	<i>232 / -</i>	<i>- / -</i>	<i>232 / -</i>	<i>16 / -</i>	<i>48 / -</i>	<i>60 / -</i>	<i>51 / -</i>	<i>- / -</i>	<i>1,035 / -</i>	
<i>Subtotal: Installation</i>	<i>0 / 0.000</i>	<i>83 / -</i>	<i>545 / -</i>	<i>232 / -</i>	<i>- / -</i>	<i>232 / -</i>	<i>16 / -</i>	<i>48 / -</i>	<i>60 / -</i>	<i>51 / -</i>	<i>- / -</i>	<i>1,035 / -</i>	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>41.588</b>	<b>29.891</b>	<b>28.469</b>	<b>1.975</b>	<b>-</b>	<b>1.975</b>	<b>31.097</b>	<b>35.585</b>	<b>28.929</b>	<b>16.746</b>	<b>-</b>	<b>214.280</b>	



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date: March 2014</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> G80571 / M88 FOV MODS	<b>Modification Number / Title:</b> G80571 / M88 FOV Field upgrade

**Modification Item 1 of 1:** M88 FOV Field Upgrades

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: BAE	Manufacturer Location: York,PA
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 12

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

**Installation Information**

**Method of Implementation:** Contractor installed in the field

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	83 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	83 / -
FY 2014	0 / 0.000	- / -	545 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	545 / -
FY 2015	0 / 0.000	- / -	- / -	232 / -	- / -	232 / -	- / -	- / -	- / -	- / -	- / -	232 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	16 / -	- / -	- / -	- / -	- / -	16 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	48 / -	- / -	- / -	- / -	48 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	60 / -	- / -	- / -	60 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / -	- / -	51 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	83 / -	545 / -	232 / -	- / -	232 / -	16 / -	48 / -	60 / -	51 / -	- / -	1,035 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	83	77	156	156	156	34	66	66	66	4	4	4	4	3	15	15	15	9	17	17	17	6	15	15	15	-	-	-	-	-	1,035
Out	-	20	20	20	23	77	156	156	156	34	66	66	66	4	4	4	4	3	15	15	15	9	17	17	17	6	15	15	15	-	1,035

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** GZ3001 / Joint Assault Bridge

ID Code (A=Service Ready, B=Not Service Ready) : B		Program Elements for Code B Items: 0654804A					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	8	-	8	7	15	20	18	-	68
Gross/Weapon System Cost (\$ in Millions)	18.458	-	2.002	49.462	-	49.462	43.931	89.291	119.501	99.817	-	422.462
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	18.458	-	2.002	49.462	-	49.462	43.931	89.291	119.501	99.817	-	422.462
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>18.458</b>	<b>-</b>	<b>2.002</b>	<b>49.462</b>	<b>-</b>	<b>49.462</b>	<b>43.931</b>	<b>89.291</b>	<b>119.501</b>	<b>99.817</b>	<b>-</b>	<b>422.462</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	6,182.750	-	6,182.750	6,275.857	5,952.733	5,975.050	5,545.389	-	6,212.676

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

**Description:**

The Joint Assault Bridge (JAB) replaces the existing M60 chassis Armored Vehicle Launch Bridge (AVLB). The JAB is an Abrams Chassis-based engineer vehicle that launches and retrieves the 18.3 meter AVLB Bridge which supports Military Load Class (MLC) 85. Any AVLB bridge not meeting the MLC 85 standard will be upgraded as part of the JAB program in order to achieve commonality and support for warfighter gap crossing requirements. The system consists of a modified M1A1 Abrams Chassis with the M1A2 Heavy Duty Suspension. The system will be employed with Army Armored Brigade Combat Teams (ABCTs) and USMC Marine Air Ground Task Forces (MAGTFs) as well as Mobility Augmentation Companies (MACs). Milestone C and Type Classification - Limited Procurement will be Jun 2015 with Developmental Test completion in October 2014, Operational Test completion in Jan-Mar 2018. There are two unique system designs in engineering and manufacturing phase with the competitors being evaluated In Accordance With (IAW) User Requirements.

JAB AAO: 333

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	8	-	8	7	6	6	5
	Total Obligation Authority	-	2.002	49.462	-	49.462	43.931	34.030	37.267	27.600
ANG	Quantity	-	-	-	-	-	-	6	6	7
	Total Obligation Authority	-	-	-	-	-	-	34.030	37.267	39.617
AR	Quantity	-	-	-	-	-	-	3	8	6
	Total Obligation Authority	-	-	-	-	-	-	21.231	44.967	32.600

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** GZ3001 / Joint Assault Bridge

**ID Code** (A=Service Ready, B=Not Service Ready) : B **Program Elements for Code B Items:** 0654804A **Other Related Program Elements:**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
<b>Total:</b>	<b>Quantity</b>	-	-	8	-	8	7	15	20	18
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	-	2.002	49.462	-	49.462	43.931	89.291	119.501	99.817

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - GZ3001 / Joint Assault Bridge	P-5, P-5a, P-21	B	-	-	18.458	-	-	-	-	-	2.002	6,182.750	8	49.462	-	-	-	6,182.750	8	49.462
<b>Total Gross/Weapon System Cost</b>			-	-	18.458	-	-	-	-	-	2.002	6,182.750	8	49.462	-	-	-	6,182.750	8	49.462

\*For Items, Title represents the Item Number / Title [DODIC].  
 Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
 FY 2015 Base Procurement dollars in the amount of \$49.462 million procures of 8 Joint Assault Bridges in support of Active Army requirements. Note that depot chassis production funded by the program will begin very early in FY15 to ensure chassis availability for production contractor following contract award in late FY15. The new JAB chassis provides a system that offers the Combatant Commander enhanced survivability and mobility compared to the legacy M60 AVLB and equivalent to the Abrams Legacy Fleet while also providing improved sustainability.

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**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>				<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20		<b>P-1 Line Item Number / Title:</b> GZ3001 / Joint Assault Bridge		<b>Item Number / Title [DODIC]:</b> GZ3001 / Joint Assault Bridge			

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	-	-	8	-	8
Gross/Weapon System Cost (\$ in Millions)	18.458	-	2.002	49.462	-	49.462
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	18.458	-	2.002	49.462	-	49.462
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>18.458</b>	<b>-</b>	<b>2.002</b>	<b>49.462</b>	<b>-</b>	<b>49.462</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	-	-	6,182.750	-	6,182.750

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

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Hardware <sup>(†)</sup>		-	-	18.458	-	-	-	-	-	-	5,150.000	8	41.200	-	-	-	5,150.000	8	41.200
Bridge Upgrades		-	-	-	-	-	-	-	-	-	300.000	8	2.400	-	-	-	300.000	8	2.400
System Engineering/ Program Management		-	-	-	-	-	-	-	-	2.002	-	-	1.900	-	-	-	-	-	1.900
Fielding		-	-	-	-	-	-	-	-	-	-	-	2.000	-	-	-	-	-	2.000
Data		-	-	-	-	-	-	-	-	-	-	-	0.962	-	-	-	-	-	0.962
System Test and Evaluation, Procurement		-	-	-	-	-	-	-	-	-	-	-	1.000	-	-	-	-	-	1.000
<i>Subtotal: Recurring Cost</i>		-	-	18.458	-	-	-	-	-	2.002	-	-	49.462	-	-	-	-	-	49.462
<i>Subtotal: Flyaway Cost</i>		-	-	18.458	-	-	-	-	-	2.002	-	-	49.462	-	-	-	-	-	49.462
<b>Gross/Weapon System Cost</b>		-	-	18.458	-	-	-	-	-	2.002	6,182.750	8	49.462	-	-	-	6,182.750	8	49.462

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	8	-	8
	Total Obligation Authority	-	2.002	49.462	-	49.462
<b>Total: Secondary Distribution</b>	Quantity	-	-	8	-	8
	Total Obligation Authority	-	2.002	49.462	-	49.462

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ3001 / Joint Assault Bridge	<b>Item Number / Title [DODIC]:</b> GZ3001 / Joint Assault Bridge

(†) indicates the presence of a P-5a

**UNCLASSIFIED**

**Exhibit P-5a, Procurement History and Planning: PB 2015 Army** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ3001 / Joint Assault Bridge	<b>Item Number / Title [DODIC]:</b> GZ3001 / Joint Assault Bridge
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Hardware <sup>(†)</sup>		2015	TBD / TBS	C / TBD	TACOM, Warren, MI	Aug 2015	May 2016	8	5,150.000			

<sup>(†)</sup> indicates the presence of a P-21

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 01 / 20 **P-1 Line Item Number / Title:** GZ3001 / Joint Assault Bridge **Item Number / Title [DODIC]:** GZ3001 / Joint Assault Bridge

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2015												Fiscal Year 2016															
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015												Calendar Year 2016														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		
Hardware																																	
	1	2015	ARMY	8	-	8											-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	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	B A L		

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GZ3001 / Joint Assault Bridge	<b>Item Number / Title [DODIC]:</b> GZ3001 / Joint Assault Bridge
--	---	--

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2017												Fiscal Year 2018													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017												Calendar Year 2018												
							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	2015	ARMY	8	5	3	1	1	1																				-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L



**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army								<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20				<b>P-1 Line Item Number / Title:</b> GZ3001 / Joint Assault Bridge				<b>Item Number / Title [DODIC]:</b> GZ3001 / Joint Assault Bridge				
		<b>Production Rates (Each / Month)</b>			<b>Procurement Leadtime (Months)</b>							
<b>MFR Ref #</b>	<b>MFR Name - Location</b>	<b>MSR</b>	<b>1-8-5</b>	<b>MAX</b>	<b>Initial</b>				<b>Reorder</b>			
					<b>ALT Prior to Oct 1</b>	<b>ALT After Oct 1</b>	<b>Mfg PLT</b>	<b>Total After Oct 1</b>	<b>ALT Prior to Oct 1</b>	<b>ALT After Oct 1</b>	<b>Mfg PLT</b>	<b>Total After Oct 1</b>
1	TBD - TBS	1.00	2.00	3.00	-	11	9	20	-	7	8	15

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

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

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	5,138.278	128.920	178.100	237.023	-	237.023	461.248	684.958	626.855	787.643	11,300.000	19,543.025
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	5,138.278	128.920	178.100	237.023	-	237.023	461.248	684.958	626.855	787.643	11,300.000	19,543.025
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>5,138.278</b>	<b>128.920</b>	<b>178.100</b>	<b>237.023</b>	<b>-</b>	<b>237.023</b>	<b>461.248</b>	<b>684.958</b>	<b>626.855</b>	<b>787.643</b>	<b>11,300.000</b>	<b>19,543.025</b>

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

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

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

**Description:**

The Abrams Tank Fleet Modification Program applies Materiel Developer and Combat Developer approved modifications to the fielded Abrams family of vehicles either through field modifications at the unit or through application during vehicle recapitalization. Common Abrams modifications included Vehicle Health Management, Blue Force Tracking, and 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. Survivability improvements include Frontal Armor upgrades. Key safety improvements include the loaders tray modification, ammunition rack upgrades, and Rear View Sensing System (RVSS).

The Abrams program must execute a series of Engineering Change Proposals (ECPs) to address capability gaps on the Tank fleet. These technology upgrades will be integrated through a recapitalization program under a public private partnership (P3) between Anniston Army Depot and General Dynamics Land Systems (GDLS). This effort addresses: (1) interoperability on the new network and system shortfalls in electrical power to enable integration of approved directed requirements, (2) survivability improvements and (3) an electronics refresh to address obsolescence and significantly improve sustainability. Specifically, the upgrades include an updated communications system: Joint Tactical Radio System Handheld Manpack Small Form Fit (JTRS HMS); a new power management distribution system: a 1,000 amp alternator, a new slip ring, and a battery monitoring system; an Auxiliary Power Unit; the Integration Kit for the Counter Radio-Controlled IED Electronic Warfare (CREW/Duke 3); Next Generation Armor; an Ammunition Data Link (ADL) which will enable the system to fire a smart round currently under development; and upgrade of eight (8) Line Replaceable Units to Modules.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GA0700 / Mods	P-3a		-	-	5,138.278	-	-	128.920	-	-	178.100	-	-	237.023	-	-	-	-	-	237.023
<b>Total Gross/Weapon System Cost</b>			-	-	<b>5,138.278</b>	-	-	<b>128.920</b>	-	-	<b>178.100</b>	-	-	<b>237.023</b>	-	-	<b>-</b>	-	-	<b>237.023</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** GA0700 / M1 Abrams Tank (MOD)

Exhibits Schedule			FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GA0700 / Mods	P-3a		-	-	461.248	-	-	684.958	-	-	626.855	-	-	787.643	-	-	11,300.000	-	-	19,543.025
<b>Total Gross/Weapon System Cost</b>			-	-	<b>461.248</b>	-	-	<b>684.958</b>	-	-	<b>626.855</b>	-	-	<b>787.643</b>	-	-	<b>11,300.000</b>	-	-	<b>19,543.025</b>

\*For the P-3a, Title represents the Modification Number / Title.  
 Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
 FY 2015 base procurement dollars in the amount of \$237.023 million support the procurement and field application of the following: Blue Force Tracking 2 to enable network interoperability and resolve electronic obsolescence; Direct Support Electrical System Test Sets (DSESTS) and upgrades to Training Aids, Devices, Simulators and Simulations (TADSS). Funding will continue the 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. This funding supports the continued need to maintain the armor facility at a sustainable level and minimizes the loss of skilled labor as well as optimizing the production facility to support the start of the future production to produce efficiently at low volumes. Government and contractor salaries will be funded from this line. Supports the Active Army.

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

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>	<b>Date: March 2014</b>
--	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)	<b>Modification Number / Title:</b> GA0700 / Mods
--	---	--

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	5,138.278	128.920	178.100	237.023	-	237.023	461.248	684.958	626.855	787.643	11,300.000	19,543.025
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	5,138.278	128.920	178.100	237.023	-	237.023	461.248	684.958	626.855	787.643	11,300.000	19,543.025
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>5,138.278</b>	<b>128.920</b>	<b>178.100</b>	<b>237.023</b>	<b>-</b>	<b>237.023</b>	<b>461.248</b>	<b>684.958</b>	<b>626.855</b>	<b>787.643</b>	<b>11,300.000</b>	<b>19,543.025</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

Modifications to the Abrams program. Support the procurement and field application of the following: Blue Force Tracking 2 to enable network interoperability and resolve electronic obsolescence; Direct Support Electrical System Test Sets (DSESTS) and upgrades to Training Aids, Devices, Simulators and Simulations (TADSS). Funding will continue the 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. This funding supports the continued need to maintain the armor facility at a sustainable level and minimizes the loss of skilled labor as well as optimizing the production facility to support the start of the future production to produce efficiently at low volumes. Government and contractor salaries will be funded from this line. Supports the Active Army.

**UNCLASSIFIED**

Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 01 / 20					P-1 Line Item Number / Title: GA0700 / M1 Abrams Tank (MOD)					Modification Number / Title: GA0700 / Mods			
Models of Systems Affected: Abrams Tanks				Modification Type: Increase Performance				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 8: Prior Year Closed Mods</b>													
A Kits													
Non-Recurring													
Other	0 / 3,087.666	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3,087.666	
<b>Subtotal: Non-Recurring</b>	- / 3,087.666	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3,087.666	
<b>Subtotal: Prior Year Closed Mods</b>	0 / 3,087.666	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3,087.666	
<b>Modification Item 2 of 8: Abrams Field Upgrades</b>													
A Kits													
Recurring													
Low Profile CROWS-B Kits	- / -	- / -	- / -	- / -	- / -	- / -	540 / 39.333	540 / 40.003	180 / 13.574	180 / 13.819	- / -	1,440 / 106.729	
Vehicle Health and Embedded Training	- / -	- / -	- / -	- / -	- / -	- / -	180 / 10.079	540 / 30.781	180 / 10.445	180 / 10.633	- / -	1,080 / 61.938	
Ammunition Data Link (ADL)	- / -	- / -	- / -	- / -	- / -	- / -	180 / 10.496	540 / 32.053	- / -	- / -	- / -	720 / 42.549	
Blue Force Tracking (BFT) 2	- / -	- / -	- / -	540 / 19.822	- / -	540 / 19.822	180 / 9.892	540 / 35.837	180 / 14.071	180 / 14.324	- / -	1,620 / 93.946	
Safety/Operational Mods	0 / 23.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 23.450	
Support Equipment and TPF	0 / 23.450	- / 13.593	- / 14.590	- / 13.196	- / -	- / 13.196	- / 17.409	- / 22.795	- / 27.173	- / 29.390	- / -	- / 161.596	
<b>Subtotal: Recurring</b>	- / 46.900	- / 13.593	- / 14.590	- / 33.018	- / -	- / 33.018	- / 87.209	- / 161.469	- / 65.263	- / 68.166	- / -	- / 490.208	
Non-Recurring													
Installation Kits	0 / 283.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 300.700	- / 584.100	
Low Profile CROWS Engineering Support	- / -	- / -	- / 17.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.000	
<b>Subtotal: Non-Recurring</b>	- / 283.400	- / -	- / 17.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 300.700	- / 601.100	
<b>Subtotal: Abrams Field Upgrades</b>	0 / 330.300	- / 13.593	- / 31.590	540 / 33.018	- / -	540 / 33.018	1,080 / 87.209	2,160 / 161.469	540 / 65.263	540 / 68.166	- / 300.700	4,860 / 1,091.308	
<b>Modification Item 3 of 8: Engineering Change Proposal (ECP) 1</b>													
A Kits													
Recurring													
ECP Modification Kits	- / -	- / -	- / -	- / -	- / -	- / -	45 / 47.000	60 / 156.303	90 / 218.052	90 / 289.751	1,320 / 10,975.100	1,605 / 11,686.206	
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / 47.000	- / 156.303	- / 218.052	- / 289.751	- / 10,975.100	- / 11,686.206	
<b>Subtotal: Engineering Change Proposal (ECP) 1</b>	- / -	- / -	- / -	- / -	- / -	- / -	45 / 47.000	60 / 156.303	90 / 218.052	90 / 289.751	1,320 / 10,975.100	1,605 / 11,686.206	

**UNCLASSIFIED**

Exhibit P-3a, Individual Modification: PB 2015 Army								Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 01 / 20				P-1 Line Item Number / Title: GA0700 / M1 Abrams Tank (MOD)				Modification Number / Title: GA0700 / Mods					
Models of Systems Affected: Abrams Tanks			Modification Type: Increase Performance					Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Modification Item 4 of 8: Armor</b>													
A Kits													
Recurring													
Armor Sets	46 / 56.600	24 / 41.380	20 / 28.500	20 / 28.500	- / -	20 / 28.500	- / -	- / -	- / -	- / -	- / -	110 / 154.980	
ECP 1 Next Generation Armor	- / -	- / -	- / -	- / -	- / -	- / -	45 / 66.867	60 / 91.926	90 / 140.012	90 / 143.146	1,320 / -	1,605 / 441.951	
<b>Subtotal: Recurring</b>	<b>- / 56.600</b>	<b>- / 41.380</b>	<b>- / 28.500</b>	<b>- / 28.500</b>	<b>- / -</b>	<b>- / 28.500</b>	<b>- / 66.867</b>	<b>- / 91.926</b>	<b>- / 140.012</b>	<b>- / 143.146</b>	<b>- / -</b>	<b>- / 596.931</b>	
Non-Recurring													
Installation Kits	821 / 526.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	821 / 526.800	
<b>Subtotal: Non-Recurring</b>	<b>- / 526.800</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 526.800</b>	
<b>Subtotal: Armor</b>	<b>867 / 583.400</b>	<b>24 / 41.380</b>	<b>20 / 28.500</b>	<b>20 / 28.500</b>	<b>- / -</b>	<b>20 / 28.500</b>	<b>45 / 66.867</b>	<b>60 / 91.926</b>	<b>90 / 140.012</b>	<b>90 / 143.146</b>	<b>1,320 / -</b>	<b>2,536 / 1,123.731</b>	
<b>Modification Item 5 of 8: Program/Engineering Support</b>													
A Kits													
Recurring													
System Technical Support	0 / 57.300	- / 60.546	- / 61.317	- / 71.370	- / -	- / 71.370	- / 76.012	- / 95.637	- / 105.173	- / 122.252	- / -	- / 649.607	
Government Program Support	- / -	- / 13.180	- / 34.100	- / 30.081	- / -	- / 30.081	- / 40.978	- / 43.531	- / 47.003	- / 48.684	- / -	- / 247.557	
Contractor Program Support	- / -	- / 12.102	- / 12.000	- / 12.000	- / -	- / 12.000	- / 12.214	- / 12.254	- / 12.295	- / 12.336	- / -	- / 15.201	
Government Test Support	- / -	- / -	- / 14.753	- / 16.290	- / -	- / 16.290	- / 15.458	- / 30.154	- / 8.704	- / 4.382	- / -	- / 69.741	
<b>Subtotal: Recurring</b>	<b>- / 57.300</b>	<b>- / 65.828</b>	<b>- / 102.170</b>	<b>- / 109.741</b>	<b>- / -</b>	<b>- / 109.741</b>	<b>- / 134.662</b>	<b>- / 171.576</b>	<b>- / 163.175</b>	<b>- / 177.654</b>	<b>- / -</b>	<b>- / 982.106</b>	
<b>Subtotal: Program/Engineering Support</b>	<b>0 / 57.300</b>	<b>- / 65.828</b>	<b>- / 102.170</b>	<b>- / 109.741</b>	<b>- / -</b>	<b>- / 109.741</b>	<b>- / 134.662</b>	<b>- / 171.576</b>	<b>- / 163.175</b>	<b>- / 177.654</b>	<b>- / -</b>	<b>- / 982.106</b>	
<b>Modification Item 6 of 8: Power Pack Improvement &amp; Integration Optimization</b>													
A Kits													
Recurring													
System Technical Support	0 / 54.700	- / 3.632	- / 7.929	- / 33.200	- / -	- / 33.200	- / 53.200	- / 33.200	- / 10.200	- / 10.200	- / -	- / 206.261	
<b>Subtotal: Recurring</b>	<b>- / 54.700</b>	<b>- / 3.632</b>	<b>- / 7.929</b>	<b>- / 33.200</b>	<b>- / -</b>	<b>- / 33.200</b>	<b>- / 53.200</b>	<b>- / 33.200</b>	<b>- / 10.200</b>	<b>- / 10.200</b>	<b>- / -</b>	<b>- / 206.261</b>	
Non-Recurring													
Installation Kits	2,691 / 930.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,691 / 930.300	
<b>Subtotal: Non-Recurring</b>	<b>- / 930.300</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 930.300</b>	
<b>Subtotal: Power Pack Improvement &amp; Integration Optimization</b>	<b>2,691 / 985.000</b>	<b>- / 3.632</b>	<b>- / 7.929</b>	<b>- / 33.200</b>	<b>- / -</b>	<b>- / 33.200</b>	<b>- / 53.200</b>	<b>- / 33.200</b>	<b>- / 10.200</b>	<b>- / 10.200</b>	<b>- / -</b>	<b>2,691 / 1,136.561</b>	
<b>Modification Item 7 of 8: Training Devices</b>													
A Kits													

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20					<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)					<b>Modification Number / Title:</b> GA0700 / Mods			
<b>Models of Systems Affected: Abrams Tanks</b>				<b>Modification Type: Increase Performance</b>				<b>Related RDT&amp;E PEs:</b>					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Recurring													
Training Equipment Modifications	0 / 94.612	- / 4.487	- / 7.911	- / 23.224	- / -	- / 23.224	- / 33.568	- / 52.982	- / 28.105	- / 98.665	- / 24.200	- / 367.754	
<i>Subtotal: Recurring</i>	- / 94.612	- / 4.487	- / 7.911	- / 23.224	- / -	- / 23.224	- / 33.568	- / 52.982	- / 28.105	- / 98.665	- / 24.200	- / 367.754	
<i>Subtotal: Training Devices</i>	0 / 94.612	- / 4.487	- / 7.911	- / 23.224	- / -	- / 23.224	- / 33.568	- / 52.982	- / 28.105	- / 98.665	- / 24.200	- / 367.754	
<b>Modification Item 8 of 8: Line Optimization for Low Rate Production</b>													
A Kits													
Recurring													
Production Optimization	- / -	- / -	- / -	- / 19.340	- / -	- / 19.340	- / 38.742	- / 17.502	- / 2.048	- / 0.061	- / -	- / 67.693	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 19.340	- / -	- / 19.340	- / 38.742	- / 17.502	- / 2.048	- / 0.061	- / -	- / 67.693	
<i>Subtotal: Line Optimization for Low Rate Production</i>	- / -	- / -	- / -	- / 19.340	- / -	- / 19.340	- / 38.742	- / 17.502	- / 2.048	- / 0.061	- / -	- / 67.693	
<i>Subtotal: Procurement, All Modification Items</i>	3,558 / 5,138.278	24 / 128.920	20 / 178.100	560 / 237.023	- / -	560 / 237.023	1,170 / 461.248	2,280 / 684.958	720 / 626.855	720 / 787.643	2,640 / 11,300.000	11,692 / 19,543.025	
<b>Installation</b>													
<i>Modification Item 1 of 8: Prior Year Closed Mods</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 2 of 8: Abrams Field Upgrades</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 3 of 8: Engineering Change Proposal (ECP) 1</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / -	57 / -	1,515 / -	1,605 / -	
<i>Modification Item 4 of 8: Armor</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 5 of 8: Program/Engineering Support</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 6 of 8: Power Pack Improvement &amp; Integration Optimization</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 7 of 8: Training Devices</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Modification Item 8 of 8: Line Optimization for Low Rate Production</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Installation</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / -	57 / -	1,515 / -	1,605 / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>5,138.278</b>	<b>128.920</b>	<b>178.100</b>	<b>237.023</b>	<b>-</b>	<b>237.023</b>	<b>461.248</b>	<b>684.958</b>	<b>626.855</b>	<b>787.643</b>	<b>11,300.000</b>	<b>19,543.025</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army	<b>Date:</b> March 2014
--	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)	<b>Modification Number / Title:</b> GA0700 / Mods
--	---	--

**Modification Item 1 of 8:** Prior Year Closed Mods

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: x	Manufacturer Location: x
----------------------	--------------------------

Administrative Leadtime (in Months):	Production Leadtime (in Months):
--------------------------------------	----------------------------------

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

**Installation Information**

**Method of Implementation:** x

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)	<b>Modification Number / Title:</b> GA0700 / Mods

*Modification Item 2 of 8:* Abrams Field Upgrades

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Various      Manufacturer Location: Various

Administrative Leadtime (in Months):      Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Contractor Teams

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date: March 2014</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)	<b>Modification Number / Title:</b> GA0700 / Mods

**Modification Item 3 of 8:** Engineering Change Proposal (ECP) 1

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: General Dynamics and Anniston Army Depot

Manufacturer Location: ANAD, AL and JSMC Lima, OH

Administrative Leadtime (in Months): 6

Production Leadtime (in Months): 18

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

**Installation Information**

**Method of Implementation:** X

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / -	12 / -	- / -	45 / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	45 / -	15 / -	60 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	90 / -	90 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	90 / -	90 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1,320 / -	1,320 / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	33 / -	57 / -	1,515 / -	1,605 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	11	12	15	15	15	15	22	22	23	1,433	1,605
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	11	11	12	15	15	15	1,515	1,605

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)	<b>Modification Number / Title:</b> GA0700 / Mods

**Modification Item 4 of 8:** Armor

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Department of Energy      Manufacturer Location: Various

Administrative Leadtime (in Months): 3      Production Leadtime (in Months): 12

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

**Installation Information**

**Method of Implementation:** X

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)	<b>Modification Number / Title:</b> GA0700 / Mods

**Modification Item 5 of 8:** Program/Engineering Support

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: x				Manufacturer Location: x			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** x

<b>Installation Cost</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	<b>PYS</b>	<b>FY 2013</b>				<b>FY 2014</b>				<b>FY 2015</b>				<b>FY 2016</b>				<b>FY 2017</b>				<b>FY 2018</b>				<b>FY 2019</b>				<b>TC</b>	<b>Tot</b>
		<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	<b>Q4</b>		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)	<b>Modification Number / Title:</b> GA0700 / Mods

**Modification Item 6 of 8:** Power Pack Improvement & Integration Optimization

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Honeywell and Allison Transmission      Manufacturer Location: Phoenix, AZ and Indianapolis, IN

Administrative Leadtime (in Months): 5      Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Contractor Support

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date: March 2014</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)	<b>Modification Number / Title:</b> GA0700 / Mods

**Modification Item 7 of 8:** Training Devices

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: PEO Simulation, Training, and Instrumentation      Manufacturer Location: Orlando, FL

Administrative Leadtime (in Months):      Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Contractor Support

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0700 / M1 Abrams Tank (MOD)	<b>Modification Number / Title:</b> GA0700 / Mods

**Modification Item 8 of 8:** Line Optimization for Low Rate Production

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: X	Manufacturer Location: Joint Systems Manufacturing Center Lima, OH
Administrative Leadtime (in Months):	Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Various

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** 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

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	1,593	12	-	-	-	-	-	-	-	-	-	1,605
Gross/Weapon System Cost (\$ in Millions)	10,855.034	241.540	90.000	-	-	-	-	-	-	-	-	11,186.574
Less PY Advance Procurement (\$ in Millions)	2,064.494	-	-	-	-	-	-	-	-	-	-	2,064.494
Net Procurement (P1) (\$ in Millions)	8,790.540	241.540	90.000	-	-	-	-	-	-	-	-	9,122.080
Plus CY Advance Procurement (\$ in Millions)	2,064.494	-	-	-	-	-	-	-	-	-	-	2,064.494
<b>Total Obligation Authority (\$ in Millions)</b>	<b>10,855.034</b>	<b>241.540</b>	<b>90.000</b>	-	-	-	-	-	-	-	-	<b>11,186.574</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Thousands)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	6,814.208	20,128.333	-	-	-	-	-	-	-	-	-	6,969.828

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

**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. The Abrams Upgrade Program will continue to modify and upgrade the Abrams M1A2SEP v2 tank and mitigate risk to the Abrams tank industrial base.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - GA0750 / Abrams Upgrade Program	P-5, P-5a, P-21	A	6,814.208	1,593	10,855.034	20,128.333	12	241.540	-	-	90.000	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>			<b>6,814.208</b>	<b>1,593</b>	<b>10,855.034</b>	<b>20,128.333</b>	<b>12</b>	<b>241.540</b>	-	-	<b>90.000</b>	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 20: Modification of Tracked Combat Vehicles **P-1 Line Item Number / Title:** 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

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
Item - GA0750 / Abrams Upgrade Program	P-5, P-5a, P-21	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,969.828	1,605	11,186.574

\*For Items, Title represents the Item Number / Title [DODIC].  
 Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
 There is no FY 2015 funding.

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

**UNCLASSIFIED**

**Exhibit P-5, Cost Analysis: PB 2015 Army** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0750 / Abrams Upgrade Program	<b>Item Number / Title [DODIC]:</b> GA0750 / Abrams Upgrade Program
--	---	--

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	1,593	12	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	10,855.034	241.540	90.000	-	-	-	-	-	-	-	-	-
Less PY Advance Procurement (\$ in Millions)	2,064.494	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	8,790.540	241.540	90.000	-	-	-	-	-	-	-	-	-
Plus CY Advance Procurement (\$ in Millions)	2,064.494	-	-	-	-	-	-	-	-	-	-	2,064.494
<b>Total Obligation Authority (\$ in Millions)</b>	<b>10,855.034</b>	<b>241.540</b>	<b>90.000</b>	-	-	-	-	-	-	-	-	-

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	6,814.208	20,128.333	-	-	-	-	-	-	-	-	-	-

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

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Basic Vehicle <sup>(†)</sup>		120,778.433	67	8,092.155	6,057.500	12	72.690	-	-	-	-	-	-	-	-	-	-	-	-
Government Furnished Equipment (GFE)		-	-	904.562	-	-	11.336	-	-	-	-	-	-	-	-	-	-	-	-
System Technical Support		-	-	1,692.891	-	-	54.433	-	-	-	-	-	-	-	-	-	-	-	-
TPF/New Equipment Training		-	-	165.426	-	-	10.000	-	-	-	-	-	-	-	-	-	-	-	-
Transmissions		-	-	-	-	-	56.000	-	-	-	-	-	-	-	-	-	-	-	-
Forward Looking Infrared (FLIR)		-	-	-	-	-	37.081	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Base Mitigation Support		-	-	-	-	-	-	-	-	90.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	10,855.034	-	-	241.540	-	-	90.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	10,855.034	-	-	241.540	-	-	90.000	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		<b>6,814.208</b>	<b>1,593</b>	<b>10,855.034</b>	<b>20,128.333</b>	<b>12</b>	<b>241.540</b>	-	-	<b>90.000</b>	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-5, Cost Analysis: PB 2015 Army** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 01 / 20 **P-1 Line Item Number / Title:** GA0750 / Abrams Upgrade Program **Item Number / Title [DODIC]:** GA0750 / Abrams Upgrade Program

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
Basic Vehicle <sup>(†)</sup>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Government Furnished Equipment (GFE)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
System Technical Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPF/New Equipment Training		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transmissions		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Forward Looking Infrared (FLIR)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Industrial Base Mitigation Support		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(†) indicates the presence of a P-5a

**UNCLASSIFIED**

**Exhibit P-5a, Procurement History and Planning: PB 2015 Army** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0750 / Abrams Upgrade Program	<b>Item Number / Title [DODIC]:</b> GA0750 / Abrams Upgrade Program
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Basic Vehicle <sup>(†)</sup>		2012	GDLS / Sterling Heights, MI	SS / FFP	TACOM-Warren	Feb 2012	Jan 2013	67	3,237.000	N		
Basic Vehicle <sup>(†)</sup>		2013	GDLS / Sterling Heights, MI	SS / FFP	TACOM-Warren	Jan 2014	Apr 2015	12	6,057.500	N		

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**

There is no 2015 funding.

FY13 (12 Qty): Undefinitized Change Orders (UCA) Award Date: Jan 2014, Definitization Jul 2014 and First Delivery Date: Apr 2015

GDLS-Prime Contractor, Sterling Heights, MI  
Manufactured at JSMC, Lima, OH

FY12 (67 Qty) Have 2 different Award Dates and 2 different First Delivery Dates

1. 21 qty: Award Date: Feb 2012 and First Delivery Date: Jan 2013
2. 46 Qty: Award Date: Mar 2013 and First Delivery Date: Jul 2013

GDLS-Prime Contractor, Sterling Heights, MI  
Manufactured at JSMC, Lima, OH

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 01 / 20 **P-1 Line Item Number / Title:** GA0750 / Abrams Upgrade Program **Item Number / Title [DODIC]:** GA0750 / Abrams Upgrade Program

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2012												Fiscal Year 2013													
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2011	BAL DUE AS 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	S E P	
Basic Vehicle																															
	1	2013	ARMY	12	-	12																						12			
	1	2012	ARMY	67	-	67														1	4	4	4	4	4	3	4	4	35		
							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

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 01 / 20 **P-1 Line Item Number / Title:** GA0750 / Abrams Upgrade Program **Item Number / Title [DODIC]:** GA0750 / Abrams Upgrade Program

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014												Fiscal Year 2015																	
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
Basic Vehicle																																			
	1	2013	ARMY	12	-	12				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	6
	1	2012	ARMY	67	32	35	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	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	B A L				

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0750 / Abrams Upgrade Program	<b>Item Number / Title [DODIC]:</b> GA0750 / Abrams Upgrade Program
--	---	--

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2016										Fiscal Year 2017														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017										B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
Basic Vehicle																															
	1	2013	ARMY	12	6	6	1	1	1	1	1	1																	-		
	1	2012	ARMY	67	67	-																							-		
							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

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army	<b>Date:</b> March 2014
--	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 20	<b>P-1 Line Item Number / Title:</b> GA0750 / Abrams Upgrade Program	<b>Item Number / Title [DODIC]:</b> GA0750 / Abrams Upgrade Program
--	---	--

MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			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 - Sterling Heights, MI	1.00	120.00	336.00	-	4	15	19	-	-	-	-

**Remarks:**  
 FY13 (12 Qty): UCA Award Date: Jan 2014, Definitization Jul 2014, First Delivery Date: Apr 2015FY12 (67 Qty) 2 different Award Dates and 2 different First Delivery Dates1. 21 qty: Award Date: Feb 2012 and First Delivery Date: Jan 20132. 46 Qty: Award Date: Mar 2013 and First Delivery Date: Jul 2013GDLS-Prime Contractor, Sterling Heights, MI. Manufactured at JSMC, Lima, OHJan-Mar 2015 Manufacturing Production from Foreign Military Sales

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



**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 30: Support Equipment & Facilities **P-1 Line Item Number / Title:** 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	373.514	1.035	1.544	6.478	-	6.478	6.829	6.866	6.894	6.932	-	410.092
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	373.514	1.035	1.544	6.478	-	6.478	6.829	6.866	6.894	6.932	-	410.092
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>373.514</b>	<b>1.035</b>	<b>1.544</b>	<b>6.478</b>	<b>-</b>	<b>6.478</b>	<b>6.829</b>	<b>6.866</b>	<b>6.894</b>	<b>6.932</b>	<b>-</b>	<b>410.092</b>

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

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

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

**Description:**

This program provides 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 Abrams RESET, Systems Enhancement Package (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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Project	Exhibits		Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
Production Support			-	1.035	1.544	6.478	-	6.478
Production Base Support - Lima			-	0.334	0.567	5.501	-	5.501
Production Base Support - Lima	P25		-	0.334	0.567	5.501	-	5.501
Production Base Support - Scranton			-	0.222	0.377	0.377	-	0.377

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 01: Tracked Combat Vehicles / BSA 30: Support Equipment & Facilities **P-1 Line Item Number / Title:** 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Project	Exhibits		Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
Production Base Support - Scranton	P25		-	0.222	0.377	0.377	-	0.377
TACOM LCMC Production Base Spt Program			-	0.479	0.600	0.600	-	0.600
TACOM LCMC Production Base Spt Program	P25		-	0.479	0.600	0.600	-	0.600
<b>Total Gross/ Weapon System Cost</b>			-	<b>1.035</b>	<b>1.544</b>	<b>6.478</b>	-	<b>6.478</b>

\*For the P-17 and P-25, 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 P-26, 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 P-17, P-25 and P-26 projects are shown in the project schedule, not all projects will have a corresponding exhibit. A P-17 or P-25 exhibit is only included if data beyond the Project Number, Project Title and Cost are included (for example: for the P-17, Description, Manufacturer, etc.; for the P-25, Narrative Explanation, Cost Elements, Principle Milestones, etc.). A P-26 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:**  
 FY 2015 Base procurement dollars in the amount of \$6.478 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 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. 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".

**UNCLASSIFIED**

<b>Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2015 Army</b>						<b>Date:</b> March 2014						
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 30						<b>P-1 Line Item Number / Title:</b> GA0050 / Production Base Support (TCV-WTCV)						
<b>Project Title:</b> Production Base Support - Lima						<b>Project Number:</b> U6037	<b>Project Category:</b> Production Support					
<b>End Item Supported Model:</b>						<b>Annual Capacity Before / After (1-8-5):</b> /						
<b>Cost Elements</b> <i>(\$ in Millions)</i>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>Facility Name:</b> Production Base Support - Lima <b>Facility Location:</b> TACOM <b>Facility Type (GOGO, GOCO, COCO):</b> GOCO						
A. Construction Cost	0.334	0.567	5.501	-	5.501	<b>Principal Milestones</b> <span style="float:right"><b>Month &amp; Year</b></span> 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. Total Facility Project Cost	-	-	-	-	-							
H. Other Costs	-	-	-	-	-							
Total Project Cost	0.334	0.567	5.501	-	5.501							
						<b>Related Projects</b>						
						<b>Project Number</b>	<b>Title</b>	<b>FY &amp; Appn</b>	<b>Value (\$ M)</b>	<b>Facing</b>	<b>Start Date</b>	<b>Compl Date</b>

**Narrative Explanation:**



**UNCLASSIFIED**

<b>Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2015 Army</b>	<b>Date:</b> March 2014
---	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 01 / 30	<b>P-1 Line Item Number / Title:</b> GA0050 / Production Base Support (TCV-WTCV)
--	---

<b>Project Title:</b> TACOM LCMC Production Base Spt Program	<b>Project Number:</b> U4282	<b>Project Category:</b> Production Support
--	------------------------------	---

<b>End Item Supported Model:</b>	<b>Annual Capacity Before / After (1-8-5):</b> /
----------------------------------	--

Cost Elements <i>(\$ in Millions)</i>	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Facility Name: TACOM LCMC Production Base Spt Program						
A. Construction Cost	0.479	0.600	0.600	-	0.600	Facility Location: TACOM						
B. Equipment Cost	-	-	-	-	-	Facility Type (GOGO, GOCO, COCO): GOGO						
C. Equipment Installation Cost	-	-	-	-	-	<b>Principal Milestones</b> <span style="float:right"><b>Month &amp; Year</b></span>						
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. Total Facility Project Cost	-	-	-	-	-	Construction Complete:						
H. Other Costs	-	-	-	-	-	Equipment Installation Complete:						
Total Project Cost	0.479	0.600	0.600	-	0.600	Prove Out Begins:						
						Prove Out Complete:						
						<b>Related Projects</b>						
						<b>Project Number</b>	<b>Title</b>	<b>FY &amp; Appn</b>	<b>Value (\$ M)</b>	<b>Facing</b>	<b>Start Date</b>	<b>Compl Date</b>

**Narrative Explanation:**

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Number / Title:</b> G16101 / Integrated Air Burst Weapon System Family
---	--

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0604601A	<b>Other Related Program Elements:</b>
---	--	--

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	85	214	460	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.463	-	-	-	-	-	9.932	15.087	25.327	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	0.463	-	-	-	-	-	9.932	15.087	25.327	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>0.463</b>	-	-	-	-	-	<b>9.932</b>	<b>15.087</b>	<b>25.327</b>	<b>Continuing</b>	<b>Continuing</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	116.847	70.500	55.059	Continuing	Continuing

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

**Description:**

The Maneuver Center of Excellence (MCoE), Ft Benning, GA (User Representative) identifies the XM25 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 35-500m). The XM25 fires 25mm munitions including high-explosive airburst (HEAB), the training HEAB, and future munitions that may include armor-piercing, breaching rounds, and less-than-lethal. 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, 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.

**Justification:**

No FY2015 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 Line Item Justification:** PB 2015 Army **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

**P-1 Line Item Number / Title:**  
G02200 / Mortar Systems

ID Code (A=Service Ready, B=Not Service Ready) : B			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	349.216	7.332	5.310	5.012	-	5.012	5.032	-	-	-	-	371.902
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	349.216	7.332	5.310	5.012	-	5.012	5.032	-	-	-	-	371.902
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>349.216</b>	<b>7.332</b>	<b>5.310</b>	<b>5.012</b>	<b>-</b>	<b>5.012</b>	<b>5.032</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>371.902</b>

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

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

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

**Description:**

Mortar Systems includes the production of 60mm Light Weight M224/A1; 81mm Light Weight M252/A1; and 120mm M120A1/M121 Mortar Weapon Systems and includes production of associated equipments to include procurement of the M326 Mortar Stowage Kit and M1101 trailer that are used with the M120A1 120mm towed mortar system. The Mortar Stowage Kit system enables rapid emplacement and displacement of the M120A1 from the M1101 Trailer.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	5.523	3.810	3.512	-	3.512	3.532	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	1.809	1.500	1.500	-	1.500	1.500	-	-	-
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>7.332</b>	<b>5.310</b>	<b>5.012</b>	<b>-</b>	<b>5.012</b>	<b>5.032</b>	<b>-</b>	<b>-</b>	<b>-</b>

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - G02202 / Mtr Wpn Sys	P-5, P-5a	B	-	-	349.216	-	-	7.332	-	-	5.310	-	-	5.012	-	-	-	-	-	5.012

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles **P-1 Line Item Number / Title:** G02200 / Mortar Systems

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
<b>Total Gross/Weapon System Cost</b>			-	-	349.216	-	-	7.332	-	-	5.310	-	-	5.012	-	-	-	-	-	5.012

\*For Items, Title represents the Item Number / Title [DODIC].  
 Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$5.012 million supports the procurement of 650ea Round Counters and production support costs for the acquisition, engineering, warehousing/storage/staging, logistics, transportation, fielding and new equipment training of 120MM, 81MM and 60MM mortar weapon systems. The system support funds are essential to meet US Army fielding requirements of the lightweight 60mm & 81mm mortars and the 120MM mortars to 40 Infantry Combat Teams, nine Stryker Brigade Combat Teams, seven Special Forces Brigades and a Ranger Regiment. Fielding and Training of these modifications will be performed through FY 2015 base funding.



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>					<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10			<b>P-1 Line Item Number / Title:</b> G02200 / Mortar Systems			<b>Item Number / Title [DODIC]:</b> G02202 / Mtr Wpn Sys		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	349.216	7.332	5.310	5.012	-	5.012
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	349.216	7.332	5.310	5.012	-	5.012
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>349.216</b>	<b>7.332</b>	<b>5.310</b>	<b>5.012</b>	<b>-</b>	<b>5.012</b>

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

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

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

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
<b>Flyaway Cost</b>																			
<b>Recurring Cost</b>																			
Round Counters <sup>(†)</sup>		-	-	-	1.000	250	0.250	1.000	150	0.150	1.000	650	0.650	-	-	-	1.000	650	0.650
Range Indicator <sup>(†)</sup>		-	-	-	-	-	-	1.000	713	0.713	-	-	-	-	-	-	-	-	-
Production Engineering		-	-	349.216	-	-	2.260	-	-	2.000	-	-	2.000	-	-	-	-	-	2.000
Fielding		-	-	-	-	-	0.334	-	-	0.300	-	-	0.600	-	-	-	-	-	0.600
Proof and Acceptance		-	-	-	-	-	0.580	-	-	0.425	-	-	0.392	-	-	-	-	-	0.392
Government ILS		-	-	-	-	-	0.536	-	-	0.350	-	-	0.350	-	-	-	-	-	0.350
Staging / Transportaion		-	-	-	-	-	0.815	-	-	0.450	-	-	0.500	-	-	-	-	-	0.500
Operations and New Equipment Training		-	-	-	-	-	0.594	-	-	0.561	-	-	0.520	-	-	-	-	-	0.520
M9 Baseplate ECP		-	-	-	-	-	0.339	-	-	-	-	-	-	-	-	-	-	-	-
81 MM Bipod ECP 030		-	-	-	-	-	1.624	-	-	-	-	-	-	-	-	-	-	-	-
81 MM Re-work / Slip rate		-	-	-	-	-	-	-	-	0.361	-	-	-	-	-	-	-	-	-
<b>Subtotal: Recurring Cost</b>		-	-	<b>349.216</b>	-	-	<b>7.332</b>	-	-	<b>5.310</b>	-	-	<b>5.012</b>	-	-	-	-	-	<b>5.012</b>
<b>Subtotal: Flyaway Cost</b>		-	-	<b>349.216</b>	-	-	<b>7.332</b>	-	-	<b>5.310</b>	-	-	<b>5.012</b>	-	-	-	-	-	<b>5.012</b>
<b>Gross/Weapon System Cost</b>		-	-	<b>349.216</b>	-	-	<b>7.332</b>	-	-	<b>5.310</b>	-	-	<b>5.012</b>	-	-	-	-	-	<b>5.012</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>	<b>Date:</b> March 2014
---	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10	<b>P-1 Line Item Number / Title:</b> G02200 / Mortar Systems	<b>Item Number / Title [DODIC]:</b> G02202 / Mtr Wpn Sys
--	---	---

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	5.523	3.810	3.512	-	3.512
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	1.809	1.500	1.500	-	1.500
<b>Total:</b>	<b>Quantity</b>	-	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>7.332</b>	<b>5.310</b>	<b>5.012</b>	-	<b>5.012</b>

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

**UNCLASSIFIED**

**Exhibit P-5a, Procurement History and Planning:** PB 2015 Army **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10	<b>P-1 Line Item Number / Title:</b> G02200 / Mortar Systems	<b>Item Number / Title [DODIC]:</b> G02202 / Mtr Wpn Sys
--	---	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Round Counters		2013	TBS / TBD	C / FP	Picatinny Arsenal, NJ	Jun 2015	Aug 2016	250	1.000	Y		
Round Counters		2014	TBS / TBD	C / FP	Picatinny Arsenal, NJ	Jun 2015	Nov 2016	150	1.000	Y		
Round Counters		2015	TBS / TBD	C / FP	Picatinny Arsenal, NJ	Jun 2015	Jan 2017	650	1.000	Y		
Range Indicator		2014	Connectec / Irvine, CA	C / FP	Picatinny Arsenal, NJ	Jul 2014	May 2015	713	1.000	Y		

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Number / Title:</b> 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:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	46,968	5,641	6,588	8,959	-	8,959	9,845	13,969	14,607	14,815	-	121,392
Gross/Weapon System Cost (\$ in Millions)	147.192	14.077	24.049	28.390	-	28.390	29.650	27.749	27.732	27.735	-	326.574
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	147.192	14.077	24.049	28.390	-	28.390	29.650	27.749	27.732	27.735	-	326.574
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>147.192</b>	<b>14.077</b>	<b>24.049</b>	<b>28.390</b>	<b>-</b>	<b>28.390</b>	<b>29.650</b>	<b>27.749</b>	<b>27.732</b>	<b>27.735</b>	<b>-</b>	<b>326.574</b>

*(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)	3.134	2.495	3.650	3.169	-	3.169	3.012	1.986	1.899	1.872	-	2.690

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

**Description:**

The M320 Grenade Launcher Module (GLM) is a 40 mm low-velocity grenade launching weapon system that is a direct replacement to all M203 series of grenade launchers on M16 Rifles and M4 Carbines. A modular system, it attaches under the barrel of the rifle or carbine. It can also convert to a stand-alone weapon. The M320 GLM has an integrated leaf sight and improved safety features. It also has a side-loading unrestricted breech to permit the system to fire longer 40mm low-velocity projectiles (NATO standard and non-standard). The M320 GLM is more reliable and safer because it uses a more modern double-action trigger/firing system. The new pistol grip design eliminates the need to use the magazine as a hand grip. The latest innovations in lightweight material composites improve durability. Procurement of Laser Range Finder (LRF) and Grenadier Sighting System (GSS) are delivered as system components, one each per system.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	3,385	5,270	6,909	-	6,909	6,416	11,174	12,099	11,100
	Total Obligation Authority	8.448	19.236	21.890	-	21.890	19.320	22.194	22.968	20.780
ANG	Quantity	1,805	988	1,536	-	1,536	1,105	2,092	2,508	3,715
	Total Obligation Authority	4.504	3.608	4.870	-	4.870	3.330	4.158	4.764	6.955
AR	Quantity	451	330	514	-	514	2,324	703	-	-
	Total Obligation Authority	1.125	1.205	1.630	-	1.630	7.000	1.397	-	-
<b>Total:</b>	<b>Quantity</b>	<b>5,641</b>	<b>6,588</b>	<b>8,959</b>	<b>-</b>	<b>8,959</b>	<b>9,845</b>	<b>13,969</b>	<b>14,607</b>	<b>14,815</b>
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>14.077</b>	<b>24.049</b>	<b>28.390</b>	<b>-</b>	<b>28.390</b>	<b>29.650</b>	<b>27.749</b>	<b>27.732</b>	<b>27.735</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

**P-1 Line Item Number / Title:**  
 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:**

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - G01501 / XM320 Grenade Launcher Module (GLM)	P-5, P-5a, P-21	A	3.134	46,968	147.192	2.495	5,641	14.077	3.650	6,588	24.049	3.169	8,959	28.390	-	-	-	3.169	8,959	28.390
<b>Total Gross/Weapon System Cost</b>			<b>3.134</b>	<b>46,968</b>	<b>147.192</b>	<b>2.495</b>	<b>5,641</b>	<b>14.077</b>	<b>3.650</b>	<b>6,588</b>	<b>24.049</b>	<b>3.169</b>	<b>8,959</b>	<b>28.390</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3.169</b>	<b>8,959</b>	<b>28.390</b>

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

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$28.390 million supports the Active Army, National Guard (NG) and Army Reserve (AR) by procuring 8,959 M320 Grenade Launcher Modules (GLMs) to replace the outdated M203 grenade launcher. One major component integrated to the grenade launching system is the Laser Range Finder (LRF), which enhances preparation for combat and combat employment of grenadiers concerning range-to-target determination and first round hit probability. The GLM system provides deploying units an improved capability over the M203 grenade launcher and enables the Warfighter to more accurately engage the enemy in both daylight and darkness. The M320 is a safer, more reliable grenade launcher that reduces aiming error and increases first-round hit probability. The M320 GLM 40mm ammunition is loaded from the side thus providing easier access and permitting use of a wider range of ammunition as compared to the M203, originally fielded beginning in the mid 1970s.

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

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10	<b>P-1 Line Item Number / Title:</b> G01501 / XM320 Grenade Launcher Module (GLM)	<b>Item Number / Title [DODIC]:</b> G01501 / XM320 Grenade Launcher Module (GLM)

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	46,968	5,641	6,588	8,959	-	8,959
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	147.192	14.077	24.049	28.390	-	28.390
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	147.192	14.077	24.049	28.390	-	28.390
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>147.192</b>	<b>14.077</b>	<b>24.049</b>	<b>28.390</b>	<b>-</b>	<b>28.390</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	3.134	2.495	3.650	3.169	-	3.169

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

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
<b>Flyaway Cost</b>																			
<b>Recurring Cost</b>																			
1. M320 Grenade Launcher <sup>(†)</sup>		2.584	46,968	121.380	2.109	5,641	11.897	2.117	6,588	13.945	2.172	8,959	19.457	-	-	-	2.172	8,959	19.457
2. Laser Range Finder (LRF) <sup>(†)</sup>		-	-	12.483	-	-	-	0.660	10,897	7.189	0.672	8,959	6.022	-	-	-	0.672	8,959	6.022
3. Tool Set/ASL		-	-	0.871	-	-	-	0.173	613	0.106	0.478	448	0.214	-	-	-	0.478	448	0.214
4. Arms Racks		-	-	2.296	-	-	-	1.175	613	0.720	1.196	448	0.536	-	-	-	1.196	448	0.536
5. Program Management		-	-	-	-	-	0.500	-	-	0.306	-	-	0.310	-	-	-	-	-	0.310
6. Engineering, Test, and Evaluation Spt		-	-	4.436	-	-	0.580	-	-	0.480	-	-	0.508	-	-	-	-	-	0.508
7. Integrated Logistics Support (ILS)		-	-	1.246	-	-	0.200	-	-	0.144	-	-	0.148	-	-	-	-	-	0.148
8. Total Package Fielding (TPF)		-	-	2.129	-	-	0.350	-	-	0.287	-	-	0.296	-	-	-	-	-	0.296
9. New Equipment Training (NET)		-	-	2.351	-	-	0.550	-	-	0.872	-	-	0.899	-	-	-	-	-	0.899
<b>Subtotal: Recurring Cost</b>		-	-	<b>147.177</b>	-	-	<b>14.077</b>	-	-	<b>24.054</b>	-	-	<b>28.390</b>	-	-	-	-	-	<b>28.390</b>
<b>Subtotal: Flyaway Cost</b>		-	-	<b>147.177</b>	-	-	<b>14.077</b>	-	-	<b>24.054</b>	-	-	<b>28.390</b>	-	-	-	-	-	<b>28.390</b>
<b>Gross/Weapon System Cost</b>		<b>3.134</b>	<b>46,968</b>	<b>147.192</b>	<b>2.495</b>	<b>5,641</b>	<b>14.077</b>	<b>3.650</b>	<b>6,588</b>	<b>24.049</b>	<b>3.169</b>	<b>8,959</b>	<b>28.390</b>	-	-	-	<b>3.169</b>	<b>8,959</b>	<b>28.390</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>					<b>Date:</b> March 2014	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10		<b>P-1 Line Item Number / Title:</b> G01501 / XM320 Grenade Launcher Module (GLM)			<b>Item Number / Title [DODIC]:</b> G01501 / XM320 Grenade Launcher Module (GLM)	
<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>
Army	Quantity	3,385	5,270	6,909	-	6,909
	Total Obligation Authority	8.448	19.236	21.890	-	21.890
ANG	Quantity	1,805	988	1,536	-	1,536
	Total Obligation Authority	4.504	3.608	4.870	-	4.870
AR	Quantity	451	330	514	-	514
	Total Obligation Authority	1.125	1.205	1.630	-	1.630
<b>Total:</b>	<b>Quantity</b>	<b>5,641</b>	<b>6,588</b>	<b>8,959</b>	-	<b>8,959</b>
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>14.077</b>	<b>24.049</b>	<b>28.390</b>	-	<b>28.390</b>

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

**UNCLASSIFIED**

<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2015 Army								<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10			<b>P-1 Line Item Number / Title:</b> G01501 / XM320 Grenade Launcher Module (GLM)					<b>Item Number / Title [DODIC]:</b> G01501 / XM320 Grenade Launcher Module (GLM)				
<b>Cost Elements</b>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$ K)</b>	<b>Specs Avail Now?</b>	<b>Date Revision Available</b>	<b>RFP Issue Date</b>
1. M320 Grenade Launcher <sup>(†)</sup>		2013	Heckler & Koch Defense, Inc / Ashburn, VA	SS / FFP	ACC Picatinny, Picatinny, NJ	Jan 2014	Jun 2014	5,641	2.109	N		
1. M320 Grenade Launcher <sup>(†)</sup>		2014	Heckler & Koch Defense, Inc / Ashburn, VA	SS / FFP	ACC-Picatinny, Picatinny, NJ	May 2014	Nov 2014	2,804	2.138	N		
1. M320 Grenade Launcher <sup>(†)</sup>		2014	TBD1 / TBD1	C / FFP	ACC-Picatinny, Picatinny, NJ	Apr 2015	Feb 2016	3,784	2.138	N		
1. M320 Grenade Launcher <sup>(†)</sup>		2015	TBD1 / TBD1	C / FFP	ACC-Picatinny, Picatinny, NJ	Apr 2015	Mar 2016	8,959	2.172	N		
2. Laser Range Finder (LRF)		2014	Bushnell Outdoor Products / Overland, KS	SS / FFP	DLA Troop Command, Philadelphia	Apr 2014	Oct 2014	10,897	0.660	N		
2. Laser Range Finder (LRF)		2015	Bushnell Outdoor Products / Overland, KS	SS / FFP	DLA Troop Support, Philadelph,	Mar 2015	Sep 2015	8,959	0.672	N		

<sup>(†)</sup> indicates the presence of a P-21

**Remarks:**

The Grenadier Sighting System (GSS) is currently being developed under the Small Arms Improvement Project S63 in PE 0604601A Infantry Support Weapons. The GSS procurement phase is scheduled to start in FY16.



**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army														<b>Date:</b> March 2014															
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10										<b>P-1 Line Item Number / Title:</b> G01501 / XM320 Grenade Launcher Module (GLM)										<b>Item Number / Title [DODIC]:</b> G01501 / XM320 Grenade Launcher Module (GLM)									

Cost Elements (Units in Each)						Fiscal Year 2014												Fiscal Year 2015														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
1. M320 Grenade Launcher																																
Prior Years Deliveries: 46968																																
	1	2013	ARMY (IX)	5,641	-	5,641																										
	1	2014	ARMY	2,804	-	2,804																										
	2	2014	ARMY	3,784	-	3,784																										
	2	2015	ARMY	8,959	-	8,959																										
							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	

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army													<b>Date:</b> March 2014								
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10							<b>P-1 Line Item Number / Title:</b> G01501 / XM320 Grenade Launcher Module (GLM)									<b>Item Number / Title [DODIC]:</b> G01501 / XM320 Grenade Launcher Module (GLM)					

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2016													Fiscal Year 2017											B A L	
O C C #	M F R #	FY	SERVICE	PROC QTY	ACCEP T PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016											Calendar Year 2017													
							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																															
Prior Years Deliveries: 46968																															
	1	2013	ARMY (IX)	5,641	5,641	-																							-		
	1	2014	ARMY	2,804	2,804	-																							-		
	2	2014	ARMY	3,784	-	3,784	-	-	-	-	650	325	325	325	413	650	650	446											-		
	2	2015	ARMY	8,959	-	8,959	-	-	-	-	-	325	325	325	475	537	588	750	787	850	950	1,037	2,010						-		
							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

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10		<b>P-1 Line Item Number / Title:</b> G01501 / XM320 Grenade Launcher Module (GLM)
		<b>Item Number / Title [DODIC]:</b> G01501 / XM320 Grenade Launcher Module (GLM)

MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			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	3,600.00	9,000.00	18,000.00	3	16	3	19	3	16	5	21
2	TBD1 - TBD1	3,600.00	9,000.00	18,000.00	6	19	10	29	6	7	11	18

**Remarks:**  
M320 shows break in production after final buy was met with H&K. Competitive process initiated in FY12. Delayed Grenade Launcher Tech Data Package (TDP) approval issues with H&K.

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

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

**Service/Agency Suffixes:**

(IX) BASE

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

**P-1 Line Item Number / Title:**  
G01507 / COMPACT SEMI-AUTOMATIC SNIPER SYSTEM

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

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	-	0.148	-	0.148	-	-	-	-	-	0.148
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	-	0.148	-	0.148	-	-	-	-	-	0.148
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	-	<b>0.148</b>	-	<b>0.148</b>	-	-	-	-	-	<b>0.148</b>

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

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

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

**Description:**

The Compact Semi-Automated Sniper System (CSASS) is a compact and lighter weight 7.62 Semi-Automatic Sniper System (SASS) with a shorter barrel, collapsible buttstock, new suppressor, new optic and slightly modified receiver. The CSASS provides a more full-spectrum and versatile weapon to sniper teams, which improves accuracy, reliability, and longevity without sacrificing performance. The CSAAS is a New Start in FY2015.

**Justification:**

FY2015 Base Procurement dollars in the amount of \$0.148 million supports the Active Army by providing the engineering and program support necessary to initiate a contract to procure the CSASS.

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

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Number / Title:</b> G13501 / Carbine
---	--

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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	24,000	24,000	38,234	-	38,234	40,694	20,573	25,759	23,362	Continuing	Continuing
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	19.469	21.254	29.366	-	29.366	31.741	49.541	62.797	58.192	Continuing	Continuing
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	19.469	21.254	29.366	-	29.366	31.741	49.541	62.797	58.192	Continuing	Continuing
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>19.469</b>	<b>21.254</b>	<b>29.366</b>	-	<b>29.366</b>	<b>31.741</b>	<b>49.541</b>	<b>62.797</b>	<b>58.192</b>	<b>Continuing</b>	<b>Continuing</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	0.811	0.886	0.768	-	0.768	0.780	2.408	2.438	2.491	Continuing	Continuing

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

**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, and an ambidextrous selector. The M4/M4A1 Carbine also includes a combat optic, back-up iron sight, and the adapter rail system to attach accessories and components.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	24,000	24,000	26,331	-	26,331	26,899	15,580	20,318	17,848
	Total Obligation Authority	19.469	21.254	20.222	-	20.222	20.981	37.517	49.429	44.460
ANG	Quantity	-	-	11,903	-	11,903	9,186	3,324	3,622	3,670
	Total Obligation Authority	-	-	9.144	-	9.144	7.165	8.004	8.898	9.140
AR	Quantity	-	-	-	-	-	4,609	1,669	1,819	1,844
	Total Obligation Authority	-	-	-	-	-	3.595	4.020	4.470	4.592
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>24,000</b>	<b>24,000</b>	<b>38,234</b>	<b>-</b>	<b>38,234</b>	<b>40,694</b>	<b>20,573</b>	<b>25,759</b>	<b>23,362</b>
	<b>Total Obligation Authority</b>	<b>19.469</b>	<b>21.254</b>	<b>29.366</b>	<b>-</b>	<b>29.366</b>	<b>31.741</b>	<b>49.541</b>	<b>62.797</b>	<b>58.192</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles **P-1 Line Item Number / Title:** G13501 / Carbine

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - G13503 / M4A1 CARBINE	P-5, P-5a, P-21	A	-	-	-	0.811	24,000	19.469	0.886	24,000	21.254	0.768	38,234	29.366	-	-	-	0.768	38,234	29.366
<b>Total Gross/Weapon System Cost</b>			-	-	-	0.811	24,000	19.469	0.886	24,000	21.254	0.768	38,234	29.366	-	-	-	0.768	38,234	29.366

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

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$29.366 million supports the Active Army by purchasing 38,234 M4A1 Carbines for Active Army and National Guard with a combat optic, backup iron sight, and adapter rail system. 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.

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**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>					<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10			<b>P-1 Line Item Number / Title:</b> G13501 / Carbine			<b>Item Number / Title [DODIC]:</b> G13503 / M4A1 CARBINE				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	24,000	24,000	38,234	-	38,234
Gross/Weapon System Cost (\$ in Millions)	-	19.469	21.254	29.366	-	29.366
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	19.469	21.254	29.366	-	29.366
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>19.469</b>	<b>21.254</b>	<b>29.366</b>	-	<b>29.366</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Thousands)	-	0.811	0.886	0.768	-	0.768

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

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
1. M4A1 Carbine <sup>(†)</sup>		-	-	-	0.698	24,000	16.749	0.770	24,000	18.480	0.692	38,234	26.446	-	-	-	0.692	38,234	26.446
3. Colt's Royalty payment		-	-	-	-	-	0.270	-	-	0.270	-	-	0.400	-	-	-	-	-	0.400
4. Program Management		-	-	-	-	-	0.750	-	-	0.750	-	-	0.750	-	-	-	-	-	0.750
4. Engineering, Test, & Evaluation Spt		-	-	-	-	-	0.800	-	-	0.800	-	-	0.800	-	-	-	-	-	0.800
5. Integrated Logistics Support (ILS)		-	-	-	-	-	0.300	-	-	0.324	-	-	0.330	-	-	-	-	-	0.330
6. Total Package Fielding (TPF)		-	-	-	-	-	0.600	-	-	0.630	-	-	0.640	-	-	-	-	-	0.640
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	19.472	-	-	21.254	-	-	29.378	-	-	-	-	-	29.378
<i>Subtotal: Flyaway Cost</i>		-	-	-	-	-	19.472	-	-	21.254	-	-	29.378	-	-	-	-	-	29.378
<b>Gross/Weapon System Cost</b>		-	-	-	<b>0.811</b>	<b>24,000</b>	<b>19.469</b>	<b>0.886</b>	<b>24,000</b>	<b>21.254</b>	<b>0.768</b>	<b>38,234</b>	<b>29.366</b>	-	-	-	<b>0.768</b>	<b>38,234</b>	<b>29.366</b>

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	24,000	24,000	26,331	-	26,331
	Total Obligation Authority	19.469	21.254	20.222	-	20.222
ANG	Quantity	-	-	11,903	-	11,903
	Total Obligation Authority	-	-	9.144	-	9.144
<b>Total:</b>	<b>Quantity</b>	<b>24,000</b>	<b>24,000</b>	<b>38,234</b>	-	<b>38,234</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Army	<b>Date:</b> March 2014
---	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10	<b>P-1 Line Item Number / Title:</b> G13501 / Carbine	<b>Item Number / Title [DODIC]:</b> G13503 / M4A1 CARBINE
--	--	--

	Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Secondary Distribution	Total Obligation Authority		19.469	21.254	29.366	-	29.366

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



**UNCLASSIFIED**

**Exhibit P-5a, Procurement History and Planning:** PB 2015 Army **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10	<b>P-1 Line Item Number / Title:</b> G13501 / Carbine	<b>Item Number / Title [DODIC]:</b> G13503 / M4A1 CARBINE
--	--	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$ K)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
1. M4A1 Carbine <sup>(†)</sup>		2013	FN Manufacturing / Columbia	C / FFP	ACC-TACOM, Warren, MI	Apr 2014	Aug 2015	24,000	0.698	N		
1. M4A1 Carbine <sup>(†)</sup>		2014	FN Manufacturing / Columbia	C / FFP	ACC-TACOM, Warren, MI	Apr 2014	Oct 2015	24,000	0.770	N		
1. M4A1 Carbine <sup>(†)</sup>		2015	FN Manufacturing / Columbia	C / FFP	ACC-TACOM, Warren, MI	Feb 2015	Oct 2015	38,234	0.692	N		

<sup>(†)</sup> indicates the presence of a P-21

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 02 / 10 **P-1 Line Item Number / Title:** G13501 / Carbine **Item Number / Title [DODIC]:** G13503 / M4A1 CARBINE

Cost Elements <i>(Units in Thousands)</i>						Fiscal Year 2014												Fiscal Year 2015												
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015											
							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. M4A1 Carbine																														
1	2013	ARMY	24.000	-	24.000																									
1	2013	NAVY (‡)	1.047	-	1.047															.100	.100	.200	.200	.200	.147	.100	-	-	-	
1	2013	AF (‡)	.150	-	.150															.050	.050	.050	-	-	-	-	-	-	-	
<b>1</b>	<b>2013</b>	<b>TOTAL</b>	<b>25.197</b>	<b>-</b>	<b>25.197</b>															<b>.150</b>	<b>.150</b>	<b>.250</b>	<b>.200</b>	<b>.200</b>	<b>.147</b>	<b>.100</b>	<b>2.000</b>	<b>2.000</b>	<b>20.000</b>	
1	2014	ARMY	24.000	-	24.000																								24.000	
1	2014	MC (‡)	.400	-	.400																								.400	
1	2014	NAVY (‡)	1.000	-	1.000																								1.000	
1	2014	AF (‡)	.150	-	.150																								.150	
<b>1</b>	<b>2014</b>	<b>TOTAL</b>	<b>25.550</b>	<b>-</b>	<b>25.550</b>																								<b>25.550</b>	
1	2015	ARMY	38.234	-	38.234																								38.234	
1	2015	MC (‡)	.400	-	.400																								.400	
1	2015	NAVY (‡)	1.000	-	1.000																								1.000	
1	2015	AF (‡)	.150	-	.150																								.150	
<b>1</b>	<b>2015</b>	<b>TOTAL</b>	<b>39.784</b>	<b>-</b>	<b>39.784</b>																								<b>39.784</b>	
						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

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 02 / 10 **P-1 Line Item Number / Title:** G13501 / Carbine **Item Number / Title [DODIC]:** G13503 / M4A1 CARBINE

Cost Elements <i>(Units in Thousands)</i>					Fiscal Year 2016												Fiscal Year 2017														
O C C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 5	BAL D U E A S O F 1 O C T	Calendar Year 2016												Calendar Year 2017												
							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	24.000	4.000	20.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000	2.000															-	
	1	2013	NAVY (†)	1.047	1.047	-	-	-	-	-	-	-	-	-	-															-	
	1	2013	AF (†)	.150	.150	-	-	-	-	-	-	-	-	-	-															-	
	1	2013	<b>TOTAL</b>	<b>25.197</b>	<b>5.197</b>	<b>20.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>	<b>2.000</b>															-	
	1	2014	ARMY	24.000	-	24.000	1.000	1.000	1.000	2.500	2.500	2.500	2.500	2.500	2.500	2.500	1.000													-	
	1	2014	MC (†)	.400	-	.400	-	.050	.050	.050	.050	.050	.050	.050	.050	-	-	-												-	
	1	2014	NAVY (†)	1.000	-	1.000	-	.100	.100	.100	.100	.100	.100	.100	.100	.100	-													-	
	1	2014	AF (†)	.150	-	.150	-	.050	.050	.050	-	-	-	-	-	-	-	-												-	
	1	2014	<b>TOTAL</b>	<b>25.550</b>	<b>-</b>	<b>25.550</b>	<b>1.000</b>	<b>1.200</b>	<b>1.200</b>	<b>2.700</b>	<b>2.650</b>	<b>2.650</b>	<b>2.650</b>	<b>2.650</b>	<b>2.650</b>	<b>2.600</b>	<b>1.000</b>													-	
	1	2015	ARMY	38.234	-	38.234	2.000	2.500	2.500	3.500	3.500	3.500	3.500	3.500	3.500	3.500	3.234													-	
	1	2015	MC (†)	.400	-	.400	-	-	-	-	-	-	-	.100	.100	.100	.100													-	
	1	2015	NAVY (†)	1.000	-	1.000	-	-	-	-	-	-	-	-	-	-	1.000													-	
	1	2015	AF (†)	.150	-	.150	-	-	-	-	-	-	-	-	-	-	.150													-	
	1	2015	<b>TOTAL</b>	<b>39.784</b>	<b>-</b>	<b>39.784</b>	<b>2.000</b>	<b>2.500</b>	<b>2.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.500</b>	<b>3.600</b>	<b>3.600</b>	<b>4.484</b>													-	
							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

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army								<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10				<b>P-1 Line Item Number / Title:</b> G13501 / Carbine				<b>Item Number / Title [DODIC]:</b> G13503 / M4A1 CARBINE				
		<b>Production Rates (Each / Year)</b>			<b>Procurement Leadtime (Months)</b>							
<b>MFR Ref #</b>	<b>MFR Name - Location</b>	<b>MSR</b>	<b>1-8-5</b>	<b>MAX</b>	<b>Initial</b>				<b>Reorder</b>			
					<b>ALT Prior to Oct 1</b>	<b>ALT After Oct 1</b>	<b>Mfg PLT</b>	<b>Total After Oct 1</b>	<b>ALT Prior to Oct 1</b>	<b>ALT After Oct 1</b>	<b>Mfg PLT</b>	<b>Total After Oct 1</b>
1	FN Manufacturing - Columbia	12.000	48.000	120.000	3	7	18	25	3	5	8	13

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

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

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

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

**P-1 Line Item Number / Title:**  
G18300 / Shotgun, Modular Accessory System (MASS)

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

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Procurement Quantity (Units in Each)	10,851	2,103	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	32.863	6.589	-	-	-	-	-	-	-	-	-	39.452
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	32.863	6.589	-	-	-	-	-	-	-	-	-	39.452
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>32.863</b>	<b>6.589</b>	-	-	-	-	-	-	-	-	-	<b>39.452</b>

*(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)	3.029	3.133	-	-	-	-	-	-	-	-	-	3.046

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

**Description:**

The M26 Modular Accessory Shotgun System (MASS) is a 12 gauge shotgun that attaches beneath the barrel of the M4 and M4A1 Carbine. The MASS can also be fired in a standalone mode. The MASS fires 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	1,386	-	-	-	-	-	-	-	-
	Total Obligation Authority	4.372	-	-	-	-	-	-	-	-
ANG	Quantity	717	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.217	-	-	-	-	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>2,103</b>	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>6.589</b>	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

**P-1 Line Item Number / Title:**  
 G18300 / Shotgun, Modular Accessory System (MASS)

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - G18300 / Shotgun, Modular Accessory System (MASS)	P-5, P-5a, P-21	A	3.029	10,851	32.863	3.133	2,103	6.589	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>			<b>3.029</b>	<b>10,851</b>	<b>32.863</b>	<b>3.133</b>	<b>2,103</b>	<b>6.589</b>	-	-	-	-	-	-	-	-	-	-	-	-

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

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

**Justification:**  
 No FY 2015 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**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10	<b>P-1 Line Item Number / Title:</b> G18300 / Shotgun, Modular Accessory System (MASS)	<b>Item Number / Title [DODIC]:</b> G18300 / Shotgun, Modular Accessory System (MASS)

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	10,851	2,103	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	32.863	6.589	-	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	32.863	6.589	-	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>32.863</b>	<b>6.589</b>	-	-	-	-

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	3.029	3.133	-	-	-	-

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

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
<b>Flyaway Cost</b>																			
<b>Recurring Cost</b>																			
1. Shotguns <sup>(†)</sup>		-	-	29.568	2,504	2,103	5.266	-	-	-	-	-	-	-	-	-	-	-	-
2. Arms Racks		-	-	0.447	0.810	84	0.068	-	-	-	-	-	-	-	-	-	-	-	-
3. Engineering Support		-	-	2.004	-	-	0.573	-	-	-	-	-	-	-	-	-	-	-	-
4. Integrated Logistics Support		-	-	0.229	-	-	0.053	-	-	-	-	-	-	-	-	-	-	-	-
5. Total Package Fielding (TPF)		-	-	0.296	-	-	0.160	-	-	-	-	-	-	-	-	-	-	-	-
6. New Equipment Training (NET)		-	-	0.319	-	-	0.469	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	32.863	-	-	6.589	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	32.863	-	-	6.589	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		<b>3.029</b>	<b>10,851</b>	<b>32.863</b>	<b>3.133</b>	<b>2,103</b>	<b>6.589</b>	-	-	-	-	-	-	-	-	-	-	-	-

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>
Army	Quantity	1,386	-	-	-	-
	Total Obligation Authority	4.372	-	-	-	-
ANG	Quantity	717	-	-	-	-
	Total Obligation Authority	2.217	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>				<b>Date:</b> March 2014		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10		<b>P-1 Line Item Number / Title:</b> G18300 / Shotgun, Modular Accessory System (MASS)		<b>Item Number / Title [DODIC]:</b> G18300 / Shotgun, Modular Accessory System (MASS)		
<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>
<b>Total:</b>	<b>Quantity</b>	2,103	-	-	-	-
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	6.589	-	-	-	-

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



**UNCLASSIFIED**

<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2015 Army							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10			<b>P-1 Line Item Number / Title:</b> G18300 / Shotgun, Modular Accessory System (MASS)				<b>Item Number / Title [DODIC]:</b> G18300 / Shotgun, Modular Accessory System (MASS)					
<b>Cost Elements</b>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$ K)</b>	<b>Specs Avail Now?</b>	<b>Date Revision Available</b>	<b>RFP Issue Date</b>
1. Shotguns <sup>(†)</sup>		2013	C-More / Warrenton VA	SS / FFP	ACC-Picatinny, Picatinny, NJ	Mar 2013	Nov 2013	2,103	2.504	N		

<sup>(†)</sup> indicates the presence of a P-21

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army																					<b>Date:</b> March 2014													
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10											<b>P-1 Line Item Number / Title:</b> G18300 / Shotgun, Modular Accessory System (MASS)										<b>Item Number / Title [DODIC]:</b> G18300 / Shotgun, Modular Accessory System (MASS)													
<b>Cost Elements</b> (Units in Each)							<b>Fiscal Year 2013</b>													<b>Fiscal Year 2014</b>														
<b>O C O</b>	<b>M F R #</b>	<b>FY</b>	<b>SERVICE</b>	<b>PROC QTY</b>	<b>ACCEPT PRIOR TO 1 OCT 2012</b>	<b>BAL DUE AS OF 1 OCT</b>	<b>Calendar Year 2013</b>													<b>Calendar Year 2014</b>												<b>B A L</b>		
							<b>O C T</b>	<b>N O V</b>	<b>D E C</b>	<b>J A N</b>	<b>F E B</b>	<b>M A R</b>	<b>A P R</b>	<b>M A Y</b>	<b>J U N</b>	<b>J U L</b>	<b>A U G</b>	<b>S E P</b>	<b>O C T</b>	<b>N O V</b>	<b>D E C</b>	<b>J A N</b>	<b>F E B</b>	<b>M A R</b>	<b>A P R</b>	<b>M A Y</b>	<b>J U N</b>	<b>J U L</b>	<b>A U G</b>	<b>S E P</b>				
1. Shotguns																																		
1	2013		ARMY (X)	2,103	-	2,103													250	350	350	350	350	350	103									-
							<b>O C T</b>	<b>N O V</b>	<b>D E C</b>	<b>J A N</b>	<b>F E B</b>	<b>M A R</b>	<b>A P R</b>	<b>M A Y</b>	<b>J U N</b>	<b>J U L</b>	<b>A U G</b>	<b>S E P</b>	<b>O C T</b>	<b>N O V</b>	<b>D E C</b>	<b>J A N</b>	<b>F E B</b>	<b>M A R</b>	<b>A P R</b>	<b>M A Y</b>	<b>J U N</b>	<b>J U L</b>	<b>A U G</b>	<b>S E P</b>	<b>B A L</b>			

**UNCLASSIFIED**

<b>Exhibit P-21, Production Schedule:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10		<b>P-1 Line Item Number / Title:</b> G18300 / Shotgun, Modular Accessory System (MASS)
<b>Item Number / Title [DODIC]:</b> G18300 / Shotgun, Modular Accessory System (MASS)		

MFR Ref #	MFR Name - Location	Production Rates (Each / Month)			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	700.00	4,200.00	5,345.00	3	6	13	19	3	6	8	14

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

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

**Service/Agency Suffixes:**

(X) BASE

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Number / Title:</b> G04700 / Common Remotely Operated Weapons Station
---	---

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	8,425	-	-	-	-	-	-	-	-	-	-	8,425
Gross/Weapon System Cost (\$ in Millions)	2,074.511	56.650	41.563	8.409	-	8.409	8.436	8.443	8.437	16.388	-	2,222.837
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	2,074.511	56.650	41.563	8.409	-	8.409	8.436	8.443	8.437	16.388	-	2,222.837
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>2,074.511</b>	<b>56.650</b>	<b>41.563</b>	<b>8.409</b>	<b>-</b>	<b>8.409</b>	<b>8.436</b>	<b>8.443</b>	<b>8.437</b>	<b>16.388</b>	<b>-</b>	<b>2,222.837</b>

*(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)	246.233	-	-	-	-	-	-	-	-	-	-	263.838

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

**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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	
Army	Quantity	-	-	-	-	-	-	-	-	
	Total Obligation Authority	27.470	41.563	8.409	-	8.409	8.436	8.443	8.437	16.388
ANG	Quantity	-	-	-	-	-	-	-	-	
	Total Obligation Authority	23.000	-	-	-	-	-	-	-	
AR	Quantity	-	-	-	-	-	-	-	-	
	Total Obligation Authority	6.180	-	-	-	-	-	-	-	
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
	<b>Total Obligation Authority</b>	<b>56.650</b>	<b>41.563</b>	<b>8.409</b>	<b>-</b>	<b>8.409</b>	<b>8.436</b>	<b>8.443</b>	<b>8.437</b>	<b>16.388</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

**P-1 Line Item Number / Title:**  
 G04700 / Common Remotely Operated Weapons Station

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - G04700 / Common Remotely Operated Weapons Station	P-5, P-5a	A	246.233	8,425	2,074.511	-	-	56.650	-	-	41.563	-	-	8.409	-	-	-	-	-	8.409
<b>Total Gross/Weapon System Cost</b>			<b>246.233</b>	<b>8,425</b>	<b>2,074.511</b>	<b>-</b>	<b>-</b>	<b>56.650</b>	<b>-</b>	<b>-</b>	<b>41.563</b>	<b>-</b>	<b>-</b>	<b>8.409</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8.409</b>

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

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$8.409 million supports the Active Army by purchasing Platform Integration Kits, Appended Trainers and Diagnostic Kits to facilitate ongoing fielding of the M153 Common Remotely Operated Weapon Stations (CROWS). The CROWS system enhances Soldier survivability while increasing lethality and situational awareness.

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

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10	<b>P-1 Line Item Number / Title:</b> G04700 / Common Remotely Operated Weapons Station	<b>Item Number / Title [DODIC]:</b> G04700 / Common Remotely Operated Weapons Station

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	8,425	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	2,074.511	56.650	41.563	8.409	-	8.409
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	2,074.511	56.650	41.563	8.409	-	8.409
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>2,074.511</b>	<b>56.650</b>	<b>41.563</b>	<b>8.409</b>	<b>-</b>	<b>8.409</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	246.233	-	-	-	-	-

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

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>			
		<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$ K)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	
<b>Flyaway Cost</b>																				
<b>Recurring Cost</b>																				
CROWS system		200.000	8,425	1,685.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CROWS Obsolescence <sup>(†)</sup>		-	-	-	-	-	-	10,983.000	1	10.983	-	-	-	-	-	-	-	-	-	
Platform Integration Kits <sup>(†)</sup>		-	-	44.746	3.661	1,800	6.590	-	-	-	3.698	630	2.330	-	-	-	-	3.698	630	2.330
Appended Trainers <sup>(†)</sup>		-	-	-	10.657	469	4.998	-	-	-	10.700	50	0.535	-	-	-	-	10.700	50	0.535
Diagnostic Kits		-	-	-	55.000	75	4.125	-	-	-	55.000	12	0.660	-	-	-	-	55.000	12	0.660
Engineering Support		-	-	84.430	-	-	20.370	-	-	12.220	-	-	1.339	-	-	-	-	-	-	1.339
Program Management Support		-	-	12.035	-	-	6.000	-	-	5.850	-	-	0.635	-	-	-	-	-	-	0.635
Integrated Logistics Support		-	-	42.672	-	-	2.800	-	-	2.295	-	-	0.200	-	-	-	-	-	-	0.200
Total Package Fielding		-	-	45.409	-	-	8.000	-	-	8.050	-	-	1.400	-	-	-	-	-	-	1.400
Contractor Field Service Representatives		-	-	22.884	-	-	1.793	-	-	-	-	-	-	-	-	-	-	-	-	-
First Destination Transportation		-	-	3.925	-	-	0.024	-	-	0.015	-	-	0.010	-	-	-	-	-	-	0.010
Spares/Repair Parts		-	-	98.512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Equipment Training		-	-	34.898	-	-	1.950	-	-	2.150	-	-	1.300	-	-	-	-	-	-	1.300

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>												<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10						<b>P-1 Line Item Number / Title:</b> G04700 / Common Remotely Operated Weapons Station						<b>Item Number / Title [DODIC]:</b> G04700 / Common Remotely Operated Weapons Station					

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Subtotal: Recurring Cost		-	-	2,074.511	-	-	56.650	-	-	41.563	-	-	8.409	-	-	-	-	-	8.409
Subtotal: Flyaway Cost		-	-	2,074.511	-	-	56.650	-	-	41.563	-	-	8.409	-	-	-	-	-	8.409
<b>Gross/Weapon System Cost</b>		<b>246.233</b>	<b>8,425</b>	<b>2,074.511</b>	-	-	<b>56.650</b>	-	-	<b>41.563</b>	-	-	<b>8.409</b>	-	-	-	-	-	<b>8.409</b>

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	27.470	41.563	8.409	-	8.409
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	23.000	-	-	-	-
AR	Quantity	-	-	-	-	-
	Total Obligation Authority	6.180	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>56.650</b>	<b>41.563</b>	<b>8.409</b>	-	<b>8.409</b>

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

**UNCLASSIFIED**

<b>Exhibit P-5a, Procurement History and Planning:</b> PB 2015 Army								<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10			<b>P-1 Line Item Number / Title:</b> G04700 / Common Remotely Operated Weapons Station					<b>Item Number / Title [DODIC]:</b> G04700 / Common Remotely Operated Weapons Station				
<b>Cost Elements</b>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$ K)</b>	<b>Specs Avail Now?</b>	<b>Date Revision Available</b>	<b>RFP Issue Date</b>
CROWS Obsolescence		2014	Kongsberg Protech Systems USA / Johnstown, PA	SS / FFP	ACC-Picatinny, Picatinny, NJ	Aug 2014	Feb 2015	1	10,983.000	N		
Platform Integration Kits		2013	Applied Resources Corp / Wharton, NJ	C / FFP	ACC-Picatinny, Picatinny, NJ	Sep 2013	Jan 2014	900	3.700	N		
Platform Integration Kits		2013	Choctaw Manufacturing Defense / Antlers, OK	C / FFP	ACC-Picatinny, Picatinny, NJ	Sep 2013	Jan 2014	900	3.700	N		
Appended Trainers		2015	Kongsberg Protech Systems USA / Johnstown, PA	SS / FFP	ACC-Picatinny, Picatinny, NJ	Mar 2015	Aug 2015	50	10.700	N		



**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Number / Title:</b> G15325 / Handgun
---	--

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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	4,811	-	4,811	4,745	13,711	13,417	13,151	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	-	-	0.300	3.957	-	3.957	3.970	9.933	9.925	9.932	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	0.300	3.957	-	3.957	3.970	9.933	9.925	9.932	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	<b>0.300</b>	<b>3.957</b>	-	<b>3.957</b>	<b>3.970</b>	<b>9.933</b>	<b>9.925</b>	<b>9.932</b>	<b>Continuing</b>	<b>Continuing</b>
<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)	-	-	-	0.822	-	0.822	0.837	0.724	0.740	0.755	Continuing	Continuing

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

**Description:**

Currently the M9 Pistol is utilized as the personal defense weapon provided in the field. In FY 2015, the new Modular Handgun System (MHS) will begin replacing both the M9 and M11 handguns. The full and open competition for a Commercial Off the Shelf/ Non-Developmental Item (COTS/NDI) MHS solution, is an open caliber competition. Requirements for competition are increased lethality, modularity, system accuracy, reliability and maintainability.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	2,887	-	2,887	2,847	7,130	6,977	6,839
	Total Obligation Authority	-	0.300	2.358	-	2.358	2.371	5.138	5.130	5.137
ANG	Quantity	-	-	1,924	-	1,924	1,898	4,387	4,293	4,208
	Total Obligation Authority	-	-	1.599	-	1.599	1.599	3.202	3.202	3.202
AR	Quantity	-	-	-	-	-	-	2,194	2,147	2,104
	Total Obligation Authority	-	-	-	-	-	-	1.593	1.593	1.593
<b>Total:</b>	<b>Quantity</b>	-	-	<b>4,811</b>	-	<b>4,811</b>	<b>4,745</b>	<b>13,711</b>	<b>13,417</b>	<b>13,151</b>
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	-	<b>0.300</b>	<b>3.957</b>	-	<b>3.957</b>	<b>3.970</b>	<b>9.933</b>	<b>9.925</b>	<b>9.932</b>

**Justification:**

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles		<b>P-1 Line Item Number / Title:</b> G15325 / Handgun
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0604601A	<b>Other Related Program Elements:</b>
<p>FY 2015 Base procurement dollars in the amount of \$3.957 million procures 4,811 Handguns in support of the Active Army and National Guard. Funds will support bid sample testing scheduled for first quarter FY 2015 and provide for program management, and contracting activities to include source selection and contract award. The MHS will provide the Soldier with a more lethal, modular, ergonomic, accurate and reliable sidearm than the current M9 and M11 personal defense weapons.</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>		

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles	<b>P-1 Line Item Number / Title:</b> G01700 / Howitzer Lt Wt 155mm (T)
---	---

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	545	-	-	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	29.360	12.581	-	-	-	-	-	-	-	-	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	29.360	12.581	-	-	-	-	-	-	-	-	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>29.360</b>	<b>12.581</b>	-	-	-	-	-	-	-	-	<b>Continuing</b>	<b>Continuing</b>
<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)	53.872	-	-	-	-	-	-	-	-	-	Continuing	Continuing

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

**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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	8.221	-	-	-	-	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	4.360	-	-	-	-	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>12.581</b>	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 10: Weapons & Other Combat Vehicles

**P-1 Line Item Number / Title:**  
 G01700 / Howitzer Lt Wt 155mm (T)

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Item - G01700 / Howitzer Lt Wt 155mm (T)	P-5	A	53.872	545	29.360	-	-	12.581	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Gross/Weapon System Cost</b>			<b>53.872</b>	<b>545</b>	<b>29.360</b>	<b>-</b>	<b>-</b>	<b>12.581</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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

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

**Justification:**  
 No FY 2015 funding.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 10	<b>P-1 Line Item Number / Title:</b> G01700 / Howitzer Lt Wt 155mm (T)	<b>Item Number / Title [DODIC]:</b> G01700 / Howitzer Lt Wt 155mm (T)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	545	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	29.360	12.581	-	-	-	-
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	29.360	12.581	-	-	-	-
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	<b>29.360</b>	<b>12.581</b>	-	-	-	-

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

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(\$ in Thousands)</i>	53.872	-	-	-	-	-

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

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
Flyaway Cost																			
Recurring Cost																			
System Engineering / Program Management		-	-	19.360	-	-	3.360	-	-	-	-	-	-	-	-	-	-	-	-
Interim Contractor Support (ICS)/FSR/NET		-	-	10.000	-	-	9.221	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	29.360	-	-	12.581	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway Cost</i>		-	-	29.360	-	-	12.581	-	-	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		<b>53.872</b>	<b>545</b>	<b>29.360</b>	-	-	<b>12.581</b>	-	-	-	-	-	-	-	-	-	-	-	-

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Army	Quantity	-	-	-	-	-
	Total Obligation Authority	8.221	-	-	-	-
ANG	Quantity	-	-	-	-	-
	Total Obligation Authority	4.360	-	-	-	-
<b>Total: Secondary Distribution</b>	Quantity	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>12.581</b>	-	-	-	-

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh	<b>P-1 Line Item Number / Title:</b> 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	20.860	39.300	18.166	-	18.166	11.617	11.239	-	-	-	101.182
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	20.860	39.300	18.166	-	18.166	11.617	11.239	-	-	-	101.182
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>20.860</b>	<b>39.300</b>	<b>18.166</b>	-	<b>18.166</b>	<b>11.617</b>	<b>11.239</b>	-	-	-	<b>101.182</b>

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

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

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

**Description:**

The LW155 (M777A2 howitzer) provides direct, reinforcing, and general artillery fire support to maneuver forces. The Army has fielded the M777A2 to their Stryker Brigade Combat Teams, Fires Brigades and the National Guard. The Army will begin fielding Infantry Brigade Combat Teams starting in FY14. The Marine Corps has fielded to all active and reserve units. The M777A2 is capable of firing the 155MM Excalibur Precision-Guided munitions now, and will be capable of firing the Precision Guidance Kit when available. It is a joint program between the Marine Corps and Army with additional Foreign Military Sales purchases from Canada and Australia. It is an excellent example of a successful joint service program with the Marine Corps. The M777A2 is seeing significant action in Afghanistan and has received very high marks for its performance. With the conclusion of the M777A2 US production in November 2013, the program will enter into the Sustainment Phase of its life cycle. Having now been in the field for almost 10 years, the howitzer is going through replacement of electronic components in its digital fire control system to maintain interoperability and fulfill JORD requirements that were deferred during development.

Secondary Distribution	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	18.357	32.475	11.018	-	11.018	7.022	6.789	-
ANG	Quantity	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.503	6.825	7.148	-	7.148	4.595	4.450	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>20.860</b>	<b>39.300</b>	<b>18.166</b>	-	<b>18.166</b>	<b>11.617</b>	<b>11.239</b>	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh **P-1 Line Item Number / Title:** GZ1700 / M777 Mods

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

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GZ1700 / Light Weight 155MM Towed Howitzer	P-3a		-	-	-	-	-	20.860	-	-	39.300	-	-	18.166	-	-	-	-	-	18.166
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	20.860	-	-	39.300	-	-	18.166	-	-	-	-	-	18.166

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GZ1700 / Light Weight 155MM Towed Howitzer	P-3a		-	-	11.617	-	-	11.239	-	-	-	-	-	-	-	-	-	-	-	101.182
<b>Total Gross/Weapon System Cost</b>			-	-	11.617	-	-	11.239	-	-	-	-	-	-	-	-	-	-	-	101.182

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**  
 FY 2015 Base Appropriation in the amount of \$18.166 million supports procurement and integration of a Digital Direct Fire Sight to the M777A2 Digital Fire Control System (DFCS). Direct Fire is a critical self defense capability for artillery and a digital direct fire sight integrated with the DFCS will enhance the speed and accuracy for engaging targets and laying the howitzer on the direct fire target. An integrated digital direct fire sight is a Joint Operational Requirements Document(JORD) requirement that was deferred during development due to technical maturity and cost.

Funding supports the integration of the Electronic Thermal Warning Device(ETWD)onto the non-recoiling structure of the howitzer. The ETWD commenced fielding in FY 2013 as an urgent replacement to the legacy mercury based thermal warning device which is mounted direct to the recoiling mass. Moving the ETWD from a recoiling to non-recoiling area of the weapon will greatly reduce the stress levels on this component improving the reliability of this critical safety component. The urgent fielding was required to address a firing restriction resulting from the MACS 232A1 charge.

Funding will continue to support field retrofits of previously contracted Engineering Change Proposals for the Improved Power Conditioning Control Module (I-PCCM), Electronic Thermal Warning Device (ETWD), Hydraulic Power Assist Kit (HyPAK), Muzzle Velocity Sensor System (MVSS) and Primer Feed Mechanism (PFM) Components. The PFM and ETWD retrofits are critical to addressing current field restrictions for firing the Modular Artillery Charge System (MACS) at extended ranges. Priority will be to the units deploying then to those first fielded, utilizing reset and overhaul opportunities as appropriate.

Funding will continue to support fielding of Computer Based Training and Computer Aided Instruction products. System complexity increases significantly as a result of planned increased software capability. These products will greatly increase proficiency, safety and mission fire accuracy and are supported by Army and USMC user communities.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GZ1700 / M777 Mods				<b>Modification Number / Title:</b> GZ1700 / Light Weight 155MM Towed Howitzer				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	20.860	39.300	18.166	-	18.166	11.617	11.239	-	-	-	101.182
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	20.860	39.300	18.166	-	18.166	11.617	11.239	-	-	-	101.182
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>20.860</b>	<b>39.300</b>	<b>18.166</b>	-	<b>18.166</b>	<b>11.617</b>	<b>11.239</b>	-	-	-	<b>101.182</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

Funding supports the refresh and field retrofit of the Digital Fire Control System (DFCS) components for 488 M777A2 Howitzers, to address obsolescence issues and provide enhancements to the user community. The technology used to develop the DFCS is now over 12 years old with numerous electronic components in production since 2002 experiencing sub-component obsolescence events over the past several years. It is critical to identify, qualify and procure various DFCS components prior to the current system becoming unsupportable. Funding will also address capability enhancements required by the user community to ensure continued interoperability using a combination of engineering change proposals and the acquisition of hardware.

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	18.357	32.475	11.018	-	11.018	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.503	6.825	7.148	-	7.148	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>20.860</b>	<b>39.300</b>	<b>18.166</b>	-	<b>18.166</b>	<b>11.617</b>	<b>11.239</b>	-	-



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GZ1700 / M777 Mods						<b>Modification Number / Title:</b> GZ1700 / Light Weight 155MM Towed Howitzer			
<b>Models of Systems Affected: M777A2</b>				<b>Modification Type: Increase Performance</b>				<b>Related RDT&amp;E PEs:</b>					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<b>Procurement</b>													
<b>Modification Item 1 of 6: Hardware Obsolescence</b>													
A Kits													
Non-Recurring													
DFCS Components	- / -	418 / 13.350	70 / 2.863	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	488 / 16.213	
Inertial Navigation Unit	- / -	- / -	- / -	- / -	- / -	- / -	244 / 8.200	244 / 8.220	- / -	- / -	- / -	488 / 16.420	
Vehicle Motion Sensor	- / -	- / -	- / -	- / -	- / -	- / -	244 / 1.558	244 / 1.558	- / -	- / -	- / -	488 / 3.116	
Engineering Change Proposal	- / -	- / -	- / 0.678	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.678	
<b>Subtotal: Non-Recurring</b>	- / -	- / 13.350	- / 3.541	- / -	- / -	- / -	- / 9.758	- / 9.778	- / -	- / -	- / -	- / 36.427	
<b>Subtotal: Hardware Obsolescence</b>	- / -	418 / 13.350	70 / 3.541	- / -	- / -	- / -	488 / 9.758	488 / 9.778	- / -	- / -	- / -	1,464 / 36.427	
<b>Modification Item 2 of 6: Modernization in Service</b>													
A Kits													
Non-Recurring													
Enhanced Power Pack	- / -	418 / 6.467	70 / 1.406	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	488 / 7.873	
Digital Direct Fire Sight	- / -	- / -	- / -	488 / 6.670	- / -	488 / 6.670	- / -	- / -	- / -	- / -	- / -	488 / 6.670	
Electronic Thermal Warning Integration	- / -	- / -	- / -	488 / 3.140	- / -	488 / 3.140	- / -	- / -	- / -	- / -	- / -	488 / 3.140	
Engineering Change Proposal	- / -	- / -	- / 0.777	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.777	
<b>Subtotal: Non-Recurring</b>	- / -	- / 6.467	- / 2.183	- / 9.810	- / -	- / 9.810	- / -	- / -	- / -	- / -	- / -	- / 18.460	
<b>Subtotal: Modernization in Service</b>	- / -	418 / 6.467	70 / 2.183	976 / 9.810	- / -	976 / 9.810	- / -	- / -	- / -	- / -	- / -	1,464 / 18.460	
<b>Modification Item 3 of 6: Interoperability - Communication</b>													
A Kits													
Non-Recurring													
Engineering Change Proposal	- / -	418 / 1.043	70 / 0.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	488 / 1.268	
Electronic Communication Components	- / -	- / -	488 / 11.487	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	488 / 11.487	
<b>Subtotal: Non-Recurring</b>	- / -	- / 1.043	- / 11.712	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 12.755	
<b>Subtotal: Interoperability - Communication</b>	- / -	418 / 1.043	558 / 11.712	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	976 / 12.755	
<b>Modification Item 4 of 6: Performance Based Life Cycle</b>													
A Kits													
Recurring													
Interim Contractor Support	- / -	- / -	- / 9.014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.014	
Systems Engineering	- / -	- / -	- / 2.656	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.656	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1700 / M777 Mods	<b>Modification Number / Title:</b> GZ1700 / Light Weight 155MM Towed Howitzer

<b>Models of Systems Affected:</b> M777A2	<b>Modification Type:</b> Increase Performance	<b>Related RDT&amp;E PEs:</b>
---	--	-------------------------------

Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Subtotal: Recurring</i>	- / -	- / -	- / 11.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.670
<i>Subtotal: Performance Based Life Cycle</i>	- / -	- / -	- / 11.670	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 11.670
<b>Modification Item 5 of 6: Field Retrofit Activities</b>												
A Kits												
Recurring												
Retrofit Activities	- / -	- / -	- / 5.909	- / 6.358	- / -	- / 6.358	- / 1.162	- / 1.011	- / -	- / -	- / -	- / 14.440
Engineering Change Orders	- / -	- / -	- / 2.443	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.443
<i>Subtotal: Recurring</i>	- / -	- / -	- / 8.352	- / 6.358	- / -	- / 6.358	- / 1.162	- / 1.011	- / -	- / -	- / -	- / 16.883
<i>Subtotal: Field Retrofit Activities</i>	- / -	- / -	- / 8.352	- / 6.358	- / -	- / 6.358	- / 1.162	- / 1.011	- / -	- / -	- / -	- / 16.883
<b>Modification Item 6 of 6: Training Aides, Devices, Simulators</b>												
A Kits												
Recurring												
Software Engineering	- / -	- / -	- / 1.842	- / 1.998	- / -	- / 1.998	- / 0.697	- / 0.450	- / -	- / -	- / -	- / 4.987
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.842	- / 1.998	- / -	- / 1.998	- / 0.697	- / 0.450	- / -	- / -	- / -	- / 4.987
<i>Subtotal: Training Aides, Devices, Simulators</i>	- / -	- / -	- / 1.842	- / 1.998	- / -	- / 1.998	- / 0.697	- / 0.450	- / -	- / -	- / -	- / 4.987
<i>Subtotal: Procurement, All Modification Items</i>	- / -	1,254 / 20.860	698 / 39.300	976 / 18.166	- / -	976 / 18.166	488 / 11.617	488 / 11.239	- / -	- / -	- / -	3,904 / 101.182
<b>Installation</b>												
<b>Modification Item 1 of 6: Hardware Obsolescence</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Modification Item 2 of 6: Modernization in Service</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Modification Item 3 of 6: Interoperability - Communication</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Modification Item 4 of 6: Performance Based Life Cycle</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Modification Item 5 of 6: Field Retrofit Activities</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Modification Item 6 of 6: Training Aides, Devices, Simulators</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Subtotal: Installation</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	-	20.860	39.300	18.166	-	18.166	11.617	11.239	-	-	-	101.182

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1700 / M777 Mods	<b>Modification Number / Title:</b> GZ1700 / Light Weight 155MM Towed Howitzer

**Modification Item 1 of 6:** Hardware Obsolescence

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

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

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

**Installation Information**

**Method of Implementation:** Digital Fire Control Component Hardware procurement and Engineering Change Proposals

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1700 / M777 Mods	<b>Modification Number / Title:</b> GZ1700 / Light Weight 155MM Towed Howitzer

**Modification Item 2 of 6:** Modernization in Service

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

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

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

**Installation Information**

**Method of Implementation:** Enhanced Power Packs and subsequent Engineering Change Proposals

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1700 / M777 Mods	<b>Modification Number / Title:</b> GZ1700 / Light Weight 155MM Towed Howitzer

**Modification Item 3 of 6:** Interoperability - Communication

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

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

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

**Installation Information**

**Method of Implementation:** Software Engineering, Engineering Change Proposals and procurement of hardware

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1700 / M777 Mods	<b>Modification Number / Title:</b> GZ1700 / Light Weight 155MM Towed Howitzer

**Modification Item 4 of 6:** Performance Based Life Cycle

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** MIPR to ARDEC and Exercising Contract Options

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20		<b>P-1 Line Item Number / Title:</b> GZ1700 / M777 Mods
		<b>Modification Number / Title:</b> GZ1700 / Light Weight 155MM Towed Howitzer

**Modification Item 5 of 6:** Field Retrofit Activities

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: N/A				Manufacturer Location: N/A			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
<b>Dates</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** MIPR to ARDEC and Contract Options

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1700 / M777 Mods	<b>Modification Number / Title:</b> GZ1700 / Light Weight 155MM Towed Howitzer

**Modification Item 6 of 6:** Training Aides, Devices, Simulators

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: N/A      Manufacturer Location: N/A

Administrative Leadtime (in Months):      Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** MIPR to ARDEC, Software Engineering

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
GB3007 / M4 Carbine Mods

ID Code (A=Service Ready, B=Not Service Ready) :		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	541.656	27.207	8.300	3.446	-	3.446	27.953	21.270	21.567	13.426	-	664.825
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	541.656	27.207	8.300	3.446	-	3.446	27.953	21.270	21.567	13.426	-	664.825
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>541.656</b>	<b>27.207</b>	<b>8.300</b>	<b>3.446</b>	<b>-</b>	<b>3.446</b>	<b>27.953</b>	<b>21.270</b>	<b>21.567</b>	<b>13.426</b>	<b>-</b>	<b>664.825</b>

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

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

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

**Description:**

The M4 Carbine Modification Program provides combat optics, a Close Quarters Battle Kit (CQBK), and a product improvement kit. The Squad Common Optic (SCO) provides a variable magnification day optic for weapons issued to a dismounted Infantry Squad. The Improved Weapons Cleaning Kit (IWCK) contains all the necessary items needed to conduct a thorough and efficient cleaning of both the weapon and the optic. The IWCK has been reconfigured into two separate kits: Individual Kit and Team 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.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GB3007 / M4 PIP	P-3a		-	-	541.656	-	-	27.207	-	-	8.300	-	-	3.446	-	-	-	-	-	3.446
<b>Total Gross/Weapon System Cost</b>			-	-	<b>541.656</b>	-	-	<b>27.207</b>	-	-	<b>8.300</b>	-	-	<b>3.446</b>	-	-	<b>-</b>	-	-	<b>3.446</b>

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GB3007 / M4 PIP	P-3a		-	-	27.953	-	-	21.270	-	-	21.567	-	-	13.426	-	-	-	-	-	664.825
<b>Total Gross/Weapon System Cost</b>			-	-	<b>27.953</b>	-	-	<b>21.270</b>	-	-	<b>21.567</b>	-	-	<b>13.426</b>	-	-	<b>-</b>	-	-	<b>664.825</b>

\*For the P-3a, Title represents the Modification Number / Title.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh		<b>P-1 Line Item Number / Title:</b> GB3007 / M4 Carbine Mods
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		

**Justification:**  
FY 2015 Base procurement dollars in the amount of \$3.446 million supports the Active Army by procuring Improved Weapons Cleaning Kits (IWCK), combat optics, and product improvement kit components to upgrade the M4 Carbine. The M4 Carbine upgrade converts the M4 to the M4A1. The IWCK has been arranged to increase the utility to the Soldier and drive down unit cost. The Individual Kit contains the tools to clean 5.56mm weapon systems, while the Team Kit contain tools to clean 5.56mm, 7.62mm, 9mm, and .45 caliber weapons systems.

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.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date:</b> March 2014		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GB3007 / M4 Carbine Mods						<b>Modification Number / Title:</b> GB3007 / M4 PIP		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	541.656	27.207	8.300	3.446	-	3.446	27.953	21.270	21.567	13.426	-	664.825
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	541.656	27.207	8.300	3.446	-	3.446	27.953	21.270	21.567	13.426	-	664.825
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	<b>541.656</b>	<b>27.207</b>	<b>8.300</b>	<b>3.446</b>	<b>-</b>	<b>3.446</b>	<b>27.953</b>	<b>21.270</b>	<b>21.567</b>	<b>13.426</b>	<b>-</b>	<b>664.825</b>

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

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

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

**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 a new bolt, barrel, full auto trigger mechanism, and new ambidextrous control. An additional improvement to the kit is a forward rail assembly kit. The kits enhance current M4 Carbine's sustained rate of fire, ergonomics, reliability, durability, and maintainability.

**Development Status/Major Development Milestones**

<b>Date</b>	<b>Title</b>	<b>Description</b>
Feb 2014	M4 PIP Pilot Run	M4 PIP Phase 1(ANAD); Pilot run of complete M4 to M4A1 conversions at Anniston Army Depot
Apr 2014	First Unit Equipped	M4 PIP Phase 1; Based on MWO scheduling, unit availability
Jun 2014	Contract Award	M4 PIP Phase 1(ACC-NJ) Gas Tube recomplete
Sep 2014	Fielding	M4 PIP Phase 1; Planned for 20,000 M4 carbines converted

**UNCLASSIFIED**

Exhibit P-3a, Individual Modification: PB 2015 Army										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20					P-1 Line Item Number / Title: GB3007 / M4 Carbine Mods					Modification Number / Title: GB3007 / M4 PIP			
Models of Systems Affected: M4/M4A1 CARBINE				Modification Type: Increase Performance				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 3: Combat Optics</b>													
B Kits													
Recurring													
Combat Optics	459,113 / 139.500	- / -	- / -	- / -	- / -	- / -	- / -	1,890 / 2.445	5,611 / 8.528	2,280 / 3.210	- / -	468,894 / 153.683	
Program Management	0 / 11.550	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.100	- / 0.100	- / 0.100	- / -	- / 11.850	
Engineering Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.155	- / 0.155	- / 0.155	- / -	- / 0.465	
Test	0 / 0.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.400	
Integrated Logistical Support	0 / 2.870	- / 0.120	- / -	- / -	- / -	- / -	- / -	- / 0.060	- / 0.060	- / 0.060	- / -	- / 3.170	
Total Package Fielding	0 / 2.100	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.115	- / 0.115	- / 0.115	- / -	- / 2.445	
New Equipment Training	0 / 0.100	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.125	- / 0.125	- / 0.125	- / -	- / 0.475	
<b>Subtotal: Recurring</b>	<b>- / 156.520</b>	<b>- / 0.120</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 3.000</b>	<b>- / 9.083</b>	<b>- / 3.765</b>	<b>- / -</b>	<b>- / 172.488</b>	
<b>Subtotal: Combat Optics</b>	<b>459,113 / 156.520</b>	<b>- / 0.120</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>1,890 / 3.000</b>	<b>5,611 / 9.083</b>	<b>2,280 / 3.765</b>	<b>- / -</b>	<b>468,894 / 172.488</b>	
<b>Modification Item 2 of 3: Close Quarters Battle Kit</b>													
B Kits													
Recurring													
Close Quarters Battle Kit	149,182 / 302.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	149,182 / 302.600	
Improved Weapons Cleaning Kit (Indv)	- / -	143,159 / 11.364	45,100 / 3.580	5,722 / 0.501	- / -	5,722 / 0.501	87,264 / 8.019	58,584 / 5.654	52,786 / 5.348	34,141 / 3.632	- / -	426,756 / 38.098	
Improved Weapons Cleaning Kit (Team)	- / -	- / -	- / -	1,230 / 0.125	- / -	1,230 / 0.125	18,763 / 2.005	12,596 / 1.413	11,350 / 1.337	7,341 / 0.908	- / -	51,280 / 5.788	
Improved Magazines	119,760 / 1.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	119,760 / 1.000	
Program Management	- / -	- / -	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.100	- / 0.115	- / 0.115	- / -	- / 0.630	
Engineering Support	0 / 12.700	- / -	- / 0.200	- / 0.200	- / -	- / 0.200	- / 0.203	- / 0.208	- / 0.200	- / 0.203	- / -	- / 13.914	
Integrated Logistic Support	0 / 4.700	- / -	- / 0.020	- / 0.020	- / -	- / 0.020	- / 0.022	- / 0.025	- / 0.030	- / 0.031	- / -	- / 4.848	
Total Package Fielding	0 / 2.744	- / -	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.103	- / 0.106	- / 0.110	- / 0.111	- / -	- / 3.374	
<b>Subtotal: Recurring</b>	<b>- / 323.744</b>	<b>- / 11.364</b>	<b>- / 4.000</b>	<b>- / 1.046</b>	<b>- / -</b>	<b>- / 1.046</b>	<b>- / 10.452</b>	<b>- / 7.506</b>	<b>- / 7.140</b>	<b>- / 5.000</b>	<b>- / -</b>	<b>- / 370.252</b>	
<b>Subtotal: Close Quarters Battle Kit</b>	<b>268,942 / 323.744</b>	<b>143,159 / 11.364</b>	<b>45,100 / 4.000</b>	<b>6,952 / 1.046</b>	<b>- / -</b>	<b>6,952 / 1.046</b>	<b>106,027 / 10.452</b>	<b>71,180 / 7.506</b>	<b>64,136 / 7.140</b>	<b>41,482 / 5.000</b>	<b>- / -</b>	<b>746,978 / 370.252</b>	
<b>Modification Item 3 of 3: M4 Product Improvement Program (PIP) Phase I</b>													
B Kits													
Recurring													

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GB3007 / M4 Carbine Mods						<b>Modification Number / Title:</b> GB3007 / M4 PIP		
<b>Models of Systems Affected: M4/M4A1 CARBINE</b>				<b>Modification Type: Increase Performance</b>				<b>Related RDT&amp;E PEs:</b>				
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
Hardware M4 PIP Phase 1 (kit equivalent)	308,000 / 60.402	64,110 / 13.400	- / -	- / -	- / -	- / -	51,911 / 6.856	3,846 / 0.754	- / -	- / -	55,133 / -	483,000 / 81.412
System Support and Conversion	0 / 0.110	- / 1.675	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.785
Program Management	- / -	- / 0.100	- / 0.120	- / 0.125	- / -	- / 0.125	- / 0.130	- / 0.130	- / 0.130	- / 0.130	- / -	- / 0.865
Engineering Support	0 / 0.786	- / 0.200	- / 0.228	- / 0.231	- / -	- / 0.231	- / 0.240	- / 0.240	- / 0.240	- / 0.240	- / -	- / 2.405
Integrated Logistics Support	0 / 0.094	- / 0.348	- / 0.575	- / 0.544	- / -	- / 0.544	- / 0.675	- / 0.040	- / 0.040	- / 0.040	- / -	- / 2.356
<i>Subtotal: Recurring</i>	<i>- / 61.392</i>	<i>- / 15.723</i>	<i>- / 0.923</i>	<i>- / 0.900</i>	<i>- / -</i>	<i>- / 0.900</i>	<i>- / 7.901</i>	<i>- / 1.164</i>	<i>- / 0.410</i>	<i>- / 0.410</i>	<i>- / -</i>	<i>- / 88.823</i>
<i>Subtotal: M4 Product Improvement Program (PIP) Phase I</i>	<i>308,000 / 61.392</i>	<i>64,110 / 15.723</i>	<i>- / 0.923</i>	<i>- / 0.900</i>	<i>- / -</i>	<i>- / 0.900</i>	<i>51,911 / 7.901</i>	<i>3,846 / 1.164</i>	<i>- / 0.410</i>	<i>- / 0.410</i>	<i>55,133 / -</i>	<i>483,000 / 88.823</i>
<i>Subtotal: Procurement, All Modification Items</i>	<i>1,036,055 / 541.656</i>	<i>207,269 / 27.207</i>	<i>45,100 / 4.923</i>	<i>6,952 / 1.946</i>	<i>- / -</i>	<i>6,952 / 1.946</i>	<i>157,938 / 18.353</i>	<i>76,916 / 11.670</i>	<i>69,747 / 16.633</i>	<i>43,762 / 9.175</i>	<i>55,133 / -</i>	<i>1,698,872 / 631.563</i>
<b>Installation</b>												
<i>Modification Item 1 of 3: Combat Optics</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>
<i>Modification Item 2 of 3: Close Quarters Battle Kit</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>
<i>Modification Item 3 of 3: M4 Product Improvement Program (PIP) Phase I</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>34,000 / 3.377</i>	<i>15,000 / 1.500</i>	<i>- / -</i>	<i>15,000 / 1.500</i>	<i>96,000 / 9.600</i>	<i>96,000 / 9.600</i>	<i>49,340 / 4.934</i>	<i>43,170 / 4.251</i>	<i>149,490 / -</i>	<i>483,000 / 33.262</i>
<i>Subtotal: Installation</i>	<i>0 / 0.000</i>	<i>- / -</i>	<i>34,000 / 3.377</i>	<i>15,000 / 1.500</i>	<i>- / -</i>	<i>15,000 / 1.500</i>	<i>96,000 / 9.600</i>	<i>96,000 / 9.600</i>	<i>49,340 / 4.934</i>	<i>43,170 / 4.251</i>	<i>149,490 / -</i>	<i>483,000 / 33.262</i>
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>541.656</b>	<b>27.207</b>	<b>8.300</b>	<b>3.446</b>	<b>-</b>	<b>3.446</b>	<b>27.953</b>	<b>21.270</b>	<b>21.567</b>	<b>13.426</b>	<b>-</b>	<b>664.825</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GB3007 / M4 Carbine Mods	<b>Modification Number / Title:</b> GB3007 / M4 PIP

**Modification Item 1 of 3:** Combat Optics

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD

Manufacturer Location: TBD

Administrative Leadtime (in Months): 5

Production Leadtime (in Months): 2

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

**Installation Information**

**Method of Implementation:** Installed by Soldiers

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GB3007 / M4 Carbine Mods	<b>Modification Number / Title:</b> GB3007 / M4 PIP

**Modification Item 2 of 3:** Close Quarters Battle Kit

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Otis Products Inc.      Manufacturer Location: Lyons Falls, NY

Administrative Leadtime (in Months): 4      Production Leadtime (in Months): 4

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

**Installation Information**

**Method of Implementation:** Installed by Soldiers

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GB3007 / M4 Carbine Mods	<b>Modification Number / Title:</b> GB3007 / M4 PIP

**Modification Item 3 of 3:** M4 Product Improvement Program (PIP) Phase I

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: various vendors      Manufacturer Location: various locations

Administrative Leadtime (in Months): 5      Production Leadtime (in Months): 15

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

**Installation Information**

**Method of Implementation:** Installed by TACOM

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	34,000 / 3.377	15,000 / 1.500	- / -	15,000 / 1.500	96,000 / 9.600	96,000 / 9.600	49,340 / 4.934	17,660 / 1.700	- / 0.000	308,000 / 30.711
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25,510 / 2.551	38,600 / -	64,110 / 2.551
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51,911 / -	51,911 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,846 / -	3,846 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	55,133 / -	55,133 / -
Total	0 / 0.000	- / -	34,000 / 3.377	15,000 / 1.500	- / -	15,000 / 1.500	96,000 / 9.600	96,000 / 9.600	49,340 / 4.934	43,170 / 4.251	149,490 / -	483,000 / 33.262

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	17,000	17,000	3,750	3,750	3,750	3,750	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	12,335	12,335	12,335	12,335	10,793	10,793	10,793	10,793	149,490	483,000
Out	-	-	-	-	-	-	-	17,000	17,000	3,750	3,750	3,750	3,750	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	12,335	12,335	12,335	12,335	10,793	10,793	10,793	10,793	149,490	483,000



**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh	<b>P-1 Line Item Number / Title:</b> 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	170.126	39.921	33.691	25.296	-	25.296	44.365	65.443	57.171	13.959	-	449.972
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	170.126	39.921	33.691	25.296	-	25.296	44.365	65.443	57.171	13.959	-	449.972
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>170.126</b>	<b>39.921</b>	<b>33.691</b>	<b>25.296</b>	<b>-</b>	<b>25.296</b>	<b>44.365</b>	<b>65.443</b>	<b>57.171</b>	<b>13.959</b>	<b>-</b>	<b>449.972</b>
<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)	-	-	-	-	-	-	-	-	-	-	-	-

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

**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. In a dismounted role, the M2/MK19 Machine Guns are mounted on the M3 Tripod or the M205 Lightweight Tripod. The 34 pound M205 Tripod reduces the Soldier burden by 16 pounds, as the current .50 Caliber machine gun tripod (M3) weighs 50 pounds (including traverse and elevation mechanisms and pintle). The Mounted Machine Gun Optic (MMO) will provide increased accuracy by equipping Medium/Heavy Machine Guns, including the M2/M2A1, with a magnified optic. The MMO will significantly improve target identification and engagement at extended ranges while retaining the capability of short range, transition fire. The MK93 is the primary mount used to interface the M2/M2A1 with all Army vehicles. Improvements being implemented include rotary dampers to minimize weapon bounce during vehicle operations which will increase the probability of hit on target while still allowing fast changes in both direction and elevation. As a new start in FY 2015, 697 MK93 Improvement Kits will be procured.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	26.921	13.813	10.371	-	10.371	18.189	26.831	23.440	5.723
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.000	10.781	8.095	-	8.095	14.197	20.942	18.295	4.467
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	9.097	6.830	-	6.830	11.979	17.670	15.436	3.769
<b>Total:</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh **P-1 Line Item Number / Title:** 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:**

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Secondary Distribution	Total Obligation Authority	39.921	33.691	25.296	-	25.296	44.365	65.443	57.171	13.959

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GB4000 / M2 Mods	P-3a		-	-	170.126	-	-	39.921	-	-	33.691	-	-	25.296	-	-	-	-	-	25.296
<b>Total Gross/Weapon System Cost</b>			-	-	170.126	-	-	39.921	-	-	33.691	-	-	25.296	-	-	-	-	-	25.296

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GB4000 / M2 Mods	P-3a		-	-	44.365	-	-	65.443	-	-	57.171	-	-	13.959	-	-	-	-	-	449.972
<b>Total Gross/Weapon System Cost</b>			-	-	44.365	-	-	65.443	-	-	57.171	-	-	13.959	-	-	-	-	-	449.972

\*For the P-3a, Title represents the Modification Number / Title.  
 Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$25.296 million supports the Active Army, the National Guard and the Reserve by purchasing 907 M2A1 Quick Change Barrel Kits to modify the .50 Caliber M2 Heavy Barrel Machine Gun, into a fixed headspace and timing configuration, 5,762 M205 Lightweight Tripods and 697 MK93 Improvement Kits. The M2A1 decreases the time required to change the barrel while improving safety and reliability of the weapon. The 34 pound M205 Tripod reduces the Soldier burden by 16 pounds, as the current .50 Caliber machine gun tripod (M3) weighs 50 pounds (including traverse and elevation mechanisms and pintle). The MK93 Improvement Kits include rotary dampers, a link deflector and an improved M2 cradle to enhance overall performance of the mounted machine gun during vehicle operations.

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

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>							<b>Date: March 2014</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GB4000 / M2 50 Cal Machine Gun MODS				<b>Modification Number / Title:</b> GB4000 / M2 Mods				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	170.126	39.921	33.691	25.296	-	25.296	44.365	65.443	57.171	13.959	-	449.972
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	170.126	39.921	33.691	25.296	-	25.296	44.365	65.443	57.171	13.959	-	449.972
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>170.126</b>	<b>39.921</b>	<b>33.691</b>	<b>25.296</b>	<b>-</b>	<b>25.296</b>	<b>44.365</b>	<b>65.443</b>	<b>57.171</b>	<b>13.959</b>	<b>-</b>	<b>449.972</b>
<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)	-	-	-	-	-	-	-	-	-	-	-	-

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

**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. In a dismounted role, the M2/MK19 Machine Guns are mounted on the M3 Tripod or the M205 Lightweight Tripod. The 34 pound M205 Tripod reduces the Soldier burden by 16 pounds, as the current .50 Caliber machine gun tripod (M3) weighs 50 pounds (including traverse and elevation mechanisms and pintle). The M205 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. The Mounted Machine Gun Optic (MMO) will provide increased accuracy by equipping Medium/Heavy Machine Guns, including the M2/M2A1, with a magnified optic. The MMO will significantly improve target identification and engagement at extended ranges while retaining the capability of short range, transition fire. The MK93 is the primary mount used to interface the M2/M2A1 with all Army vehicles. Improvements being implemented include rotary dampers to minimize weapon bounce during vehicle operations which will increase the probability of hit on target while still allowing fast changes in both direction and elevation.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	26.921	13.813	10.371	-	10.371	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.000	10.781	8.095	-	8.095	-	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	9.097	6.830	-	6.830	-	-	-	-
<b>Total:</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Secondary Distribution</b>	<b>Total Obligation Authority</b>	<b>39.921</b>	<b>33.691</b>	<b>25.296</b>	<b>-</b>	<b>25.296</b>	<b>44.365</b>	<b>65.443</b>	<b>57.171</b>	<b>13.959</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GB4000 / M2 50 Cal Machine Gun MODS	<b>Modification Number / Title:</b> GB4000 / M2 Mods

<b>Development Status/Major Development Milestones</b>		
<b>Date</b>	<b>Title</b>	<b>Description</b>
Aug 2011	Production Verification Test	XM205 Tripod
Aug 2011	Operational Test	XM205 Tripod
Aug 2012	Type Classification - Standard	M205 Tripod
Oct 2013	First Unit Equipped	M205 Tripod

--	--	--

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GB4000 / M2 50 Cal Machine Gun MODS	<b>Modification Number / Title:</b> GB4000 / M2 Mods

<b>Models of Systems Affected:</b> Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun	<b>Modification Type:</b> Increase performance	<b>Related RDT&amp;E PEs:</b>
--	--	-------------------------------

Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)

**Procurement**

<b>Modification Item 1 of 4: M2A1 Quick Change Barrel Kit</b>												
B Kits												
Recurring												
Hardware Quick Change Barrel Kits	21,249 / 138.776	10,440 / 37.506	751 / 3.100	907 / 3.630	- / -	907 / 3.630	- / -	- / -	- / -	- / -	- / -	33,347 / 183.012
Engineering Support	0 / 4.100	- / 1.520	- / 1.410	- / 1.125	- / -	- / 1.125	- / 1.125	- / 1.125	- / 1.215	- / 1.215	- / -	- / 12.835
Program Management Support	0 / 0.451	- / 0.168	- / 0.156	- / 0.125	- / -	- / 0.125	- / 0.125	- / 0.125	- / 0.135	- / 0.135	- / -	- / 1.420
Integrated Logistics Support	0 / 0.800	- / -	- / 0.150	- / 0.175	- / -	- / 0.175	- / 0.150	- / 0.175	- / 0.150	- / 0.175	- / -	- / 1.775
Fielding	0 / 0.500	- / -	- / 0.800	- / 0.800	- / -	- / 0.800	- / 0.800	- / 0.800	- / 0.800	- / 0.800	- / -	- / 15.300
New Equipment Training	0 / 0.470	- / -	- / 0.800	- / 0.800	- / -	- / 0.800	- / 0.800	- / 0.800	- / 0.800	- / 0.800	- / -	- / 15.270
First Destination Transportation	0 / 1.111	- / -	- / 0.330	- / 0.200	- / -	- / 0.200	- / 0.100	- / 0.100	- / -	- / -	- / -	- / 1.841
Engineering Studies	- / -	- / -	- / 0.500	- / 1.200	- / -	- / 1.200	- / 2.300	- / 0.400	- / -	- / -	- / -	- / 14.400
Testing	0 / 0.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.800
Anniston Packaging	0 / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.700
<b>Subtotal: Recurring</b>	<b>- / 147.708</b>	<b>- / 39.194</b>	<b>- / 7.246</b>	<b>- / 8.055</b>	<b>- / -</b>	<b>- / 8.055</b>	<b>- / 5.400</b>	<b>- / 3.525</b>	<b>- / 3.100</b>	<b>- / 3.125</b>	<b>- / -</b>	<b>- / 217.353</b>
<b>Subtotal: M2A1 Quick Change Barrel Kit</b>	<b>21,249 / 147.708</b>	<b>10,440 / 39.194</b>	<b>751 / 7.246</b>	<b>907 / 8.055</b>	<b>- / -</b>	<b>907 / 8.055</b>	<b>- / 5.400</b>	<b>- / 3.525</b>	<b>- / 3.100</b>	<b>- / 3.125</b>	<b>- / -</b>	<b>33,347 / 217.353</b>

<b>Modification Item 2 of 4: Tripods</b>												
B Kits												
Recurring												
M3 Tripods Qty	12,109 / 8.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12,109 / 8.500
M205 Tripod Qty	4,412 / 11.030	- / -	9,234 / 20.156	5,762 / 12.640	- / -	5,762 / 12.640	10,590 / 23.575	14,571 / 32.920	9,816 / 22.536	1,772 / 4.123	- / -	56,157 / 126.980
Engineering Support	0 / 1.225	- / -	- / 0.802	- / 0.586	- / -	- / 0.586	- / 0.824	- / 1.374	- / 1.533	- / 1.620	- / -	- / 17.964
Program Management Support	0 / 0.136	- / -	- / 0.089	- / 0.065	- / -	- / 0.065	- / 0.091	- / 0.152	- / 0.170	- / 0.180	- / -	- / 0.883
Integrated Logistics Support	0 / 0.200	- / -	- / 0.110	- / 0.125	- / -	- / 0.125	- / 0.150	- / 0.175	- / 0.200	- / 0.200	- / -	- / 1.160
New Equipment Training	0 / 0.300	- / -	- / 0.225	- / 0.300	- / -	- / 0.300	- / 0.275	- / 0.300	- / 0.325	- / 0.275	- / -	- / 2.000
Fielding	0 / 0.265	- / -	- / 0.475	- / 0.575	- / -	- / 0.575	- / 0.575	- / 0.700	- / 1.000	- / 0.850	- / -	- / 14.440
Engineering Study	- / -	- / -	- / 0.175	- / 0.400	- / -	- / 0.400	- / 0.350	- / 0.300	- / 0.600	- / 0.100	- / -	- / 1.925
Testing	- / -	- / -	- / 2.280	- / -	- / -	- / -	- / -	- / -	- / 1.800	- / -	- / -	- / 14.080
First Destination Transportation	0 / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.300
<b>Subtotal: Recurring</b>	<b>- / 21.956</b>	<b>- / -</b>	<b>- / 24.312</b>	<b>- / 14.691</b>	<b>- / -</b>	<b>- / 14.691</b>	<b>- / 25.840</b>	<b>- / 35.921</b>	<b>- / 28.164</b>	<b>- / 7.348</b>	<b>- / -</b>	<b>- / 158.232</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>											<b>Date: March 2014</b>	
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GB4000 / M2 50 Cal Machine Gun MODS					<b>Modification Number / Title:</b> GB4000 / M2 Mods			
<b>Models of Systems Affected:</b> Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun				<b>Modification Type:</b> Increase performance				<b>Related RDT&amp;E PEs:</b>				
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<i>Subtotal: Tripods</i>	16,521 / 21.956	- / -	9,234 / 24.312	5,762 / 14.691	- / -	5,762 / 14.691	10,590 / 25.840	14,571 / 35.921	9,816 / 28.164	1,772 / 7.348	- / -	68,266 / 158.232
<b>Modification Item 3 of 4: MK93 Improvements</b>												
B Kits												
Recurring												
MK93 Improvements	- / -	- / -	- / -	697 / 0.705	- / -	697 / 0.705	10,431 / 10.659	15,669 / 15.792	13,396 / 13.907	503 / 0.539	- / -	40,696 / 41.602
Engineering Support	- / -	- / -	- / 0.200	- / 0.155	- / -	- / 0.155	- / 0.175	- / 0.360	- / 0.315	- / 0.185	- / -	- / 1.390
Program Management Support	- / -	- / -	- / -	- / 0.020	- / -	- / 0.020	- / 0.025	- / 0.040	- / 0.035	- / 0.020	- / -	- / 0.140
Integrated Logistics Support	- / -	- / -	- / -	- / 0.275	- / -	- / 0.275	- / 0.525	- / 0.825	- / 0.825	- / 0.800	- / -	- / 3.250
Fielding	- / -	- / -	- / -	- / 0.100	- / -	- / 0.100	- / 0.225	- / 0.300	- / 0.400	- / 0.300	- / -	- / 1.325
Material Work Order	- / -	- / -	- / -	- / 0.225	- / -	- / 0.225	- / 0.450	- / 0.750	- / 0.750	- / 0.725	- / -	- / 2.900
Testing (First Article)	- / -	- / -	- / -	- / 0.220	- / -	- / 0.220	- / 0.200	- / -	- / -	- / -	- / -	- / 0.420
Testing	- / -	- / -	- / 0.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500
Engineering Studies	- / -	- / -	- / 0.600	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.600
<i>Subtotal: Recurring</i>	- / -	- / -	- / 1.300	- / 1.700	- / -	- / 1.700	- / 12.259	- / 18.067	- / 16.232	- / 2.569	- / -	- / 52.127
<i>Subtotal: MK93 Improvements</i>	- / -	- / -	- / 1.300	697 / 1.700	- / -	697 / 1.700	10,431 / 12.259	15,669 / 18.067	13,396 / 16.232	503 / 2.569	- / -	40,696 / 52.127
<b>Modification Item 4 of 4: Mounted Machine Gun Optic</b>												
B Kits												
Recurring												
Mounted MG Optic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,703 / 5.737	3,635 / 7.945	- / -	- / -	6,338 / 13.682
Engineering Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.500	- / 0.300	- / -	- / -	- / 0.800
Program Management Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.050	- / 0.033	- / -	- / -	- / 0.083
Testing (First Article)	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.350	- / 0.017	- / -	- / -	- / 0.367
Integrated Logistics Support	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.060	- / 0.080	- / -	- / -	- / 0.140
Fielding	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.200	- / 0.300	- / -	- / -	- / 0.500
New Equipment Training	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.150	- / 0.100	- / -	- / -	- / 0.250
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.047	- / 8.775	- / -	- / -	- / 15.822
<i>Subtotal: Mounted Machine Gun Optic</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,703 / 7.047	3,635 / 8.775	- / -	- / -	6,338 / 15.822
<i>Subtotal: Procurement, All Modification Items</i>	37,770 / 169.664	10,440 / 39.194	9,985 / 32.858	7,366 / 24.446	- / -	7,366 / 24.446	21,021 / 43.499	32,943 / 64.560	26,847 / 56.271	2,275 / 13.042	- / -	148,647 / 443.534
<b>Installation</b>												
<b>Modification Item 1 of 4: M2A1 Quick Change Barrel Kit</b>	1,725 / 0.462	4,800 / 0.727	4,800 / 0.833	4,800 / 0.850	- / -	4,800 / 0.850	4,800 / 0.866	4,800 / 0.883	4,800 / 0.900	2,822 / 0.917	- / -	33,347 / 6.438
<b>Modification Item 2 of 4: Tripods</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification: PB 2015 Army** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 02 / 20 **P-1 Line Item Number / Title:** GB4000 / M2 50 Cal Machine Gun MODS **Modification Number / Title:** GB4000 / M2 Mods

**Models of Systems Affected:** Machine Gun, CAL .50 M2 and MK-19 Grenade Machine Gun **Modification Type:** Increase performance **Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Modification Item 3 of 4: MK93 Improvements</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Modification Item 4 of 4: Mounted Machine Gun Optic</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
<i>Subtotal: Installation</i>	1,725 / 0.462	4,800 / 0.727	4,800 / 0.833	4,800 / 0.850	- / -	4,800 / 0.850	4,800 / 0.866	4,800 / 0.883	4,800 / 0.900	2,822 / 0.917	- / -	33,347 / 6.438
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>170.126</b>	<b>39.921</b>	<b>33.691</b>	<b>25.296</b>	<b>-</b>	<b>25.296</b>	<b>44.365</b>	<b>65.443</b>	<b>57.171</b>	<b>13.959</b>	<b>-</b>	<b>449.972</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date: March 2014</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GB4000 / M2 50 Cal Machine Gun MODS	<b>Modification Number / Title:</b> GB4000 / M2 Mods

**Modification Item 1 of 4:** M2A1 Quick Change Barrel Kit

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD

Manufacturer Location: TBD

Administrative Leadtime (in Months): 5

Production Leadtime (in Months): 8

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

**Installation Information**

**Method of Implementation:** Overhaul/conversion

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1,725 / 0.462	4,800 / 0.727	4,800 / 0.833	4,800 / 0.850	- / -	4,800 / 0.850	4,800 / 0.866	324 / 0.060	- / 0.000	- / 0.000	- / 0.000	21,249 / 3.798
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	4,476 / 0.823	4,800 / 0.900	1,164 / 0.376	- / -	10,440 / 2.099
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	751 / 0.248	- / -	751 / 0.248
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	907 / 0.293	- / -	907 / 0.293
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1,725 / 0.462	4,800 / 0.727	4,800 / 0.833	4,800 / 0.850	- / -	4,800 / 0.850	4,800 / 0.866	4,800 / 0.883	4,800 / 0.900	2,822 / 0.917	- / -	33,347 / 6.438

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
In	2,925	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	422	-	-	-	33,347
Out	1,725	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,200	422	-	-	-	33,347



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army	<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GB4000 / M2 50 Cal Machine Gun MODS
<b>Modification Number / Title:</b> GB4000 / M2 Mods	

**Modification Item 2 of 4:** Tripods

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

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

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates		Aug 2014	Mar 2015	Mar 2016	Mar 2017	Jun 2018	Mar 2019
Delivery Dates		Jan 2015	Sep 2015	Sep 2016	Sep 2017	Dec 2018	Sep 2019

**Installation Information**

**Method of Implementation:** Installed by Troops

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2015 Army **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GB4000 / M2 50 Cal Machine Gun MODS	<b>Modification Number / Title:</b> GB4000 / M2 Mods
--	---	---

**Modification Item 3 of 4:** MK93 Improvements

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD Manufacturer Location: TBD

Administrative Leadtime (in Months): 7 Production Leadtime (in Months): 7

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

**Installation Information**

**Method of Implementation:** Installed by Troops

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

**UNCLASSIFIED**

**Exhibit P-3a, Individual Modification:** PB 2015 Army **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 02 / 20 **P-1 Line Item Number / Title:** GB4000 / M2 50 Cal Machine Gun MODS **Modification Number / Title:** GB4000 / M2 Mods

**Modification Item 4 of 4:** Mounted Machine Gun Optic

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD Manufacturer Location: TBD

Administrative Leadtime (in Months): 6 Production Leadtime (in Months): 10

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

**Installation Information**

**Method of Implementation:** Installed by Troops

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	139.169	4.989	7.608	5.546	-	5.546	4.169	6.325	5.757	5.767	-	179.330
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	139.169	4.989	7.608	5.546	-	5.546	4.169	6.325	5.757	5.767	-	179.330
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>139.169</b>	<b>4.989</b>	<b>7.608</b>	<b>5.546</b>	<b>-</b>	<b>5.546</b>	<b>4.169</b>	<b>6.325</b>	<b>5.757</b>	<b>5.767</b>	<b>-</b>	<b>179.330</b>

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

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

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

**Description:**

The 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 Military-Standard-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, drop-in mount cradle 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, improved sling assembly and improved extractor and op-rod kits.

The M197 Vehicle Mount is the current standard used to mount the M249 and M240B to most vehicle platforms. A system improvement (drop in mount cradle) will add a link/spent case deflector and ammo handling system to provide capability upgrades addressing issues that Soldiers have identified as shortcomings of the current system.

The M192 is the primary ground mount for the M240B/L and M249 machineguns. Based on recent combat experience, improvements are required to address identified shortcomings in the design and to enhance operational performance.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GZ1290 / M249 SAW Machine Gun MODS	P-3a		-	-	139.169	-	-	4.989	-	-	7.608	-	-	5.546	-	-	-	-	-	5.546
<b>Total Gross/Weapon System Cost</b>			<b>-</b>	<b>-</b>	<b>139.169</b>	<b>-</b>	<b>-</b>	<b>4.989</b>	<b>-</b>	<b>-</b>	<b>7.608</b>	<b>-</b>	<b>-</b>	<b>5.546</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5.546</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
 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:**

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
P-3a - GZ1290 / M249 SAW Machine Gun MODS	P-3a		-	-	4.169	-	-	6.325	-	-	5.757	-	-	5.767	-	-	-	-	-	179.330
<b>Total Gross/Weapon System Cost</b>			-	-	<b>4.169</b>	-	-	<b>6.325</b>	-	-	<b>5.757</b>	-	-	<b>5.767</b>	-	-	-	-	-	<b>179.330</b>

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$5.546 million supports the Active Army by purchasing short barrels, short barrel blank firing adapters (BFA), light weight ground mounts, drop-in mount cradle, and feedbox support improvement kit (FSIK) for the M249 SAW Machine Gun weapon system. 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 M197 Modification Work Order (MWO) Kit (drop-in mount cradle) will upgrade the existing M197 Vehicle Mounts to add a link/spent case deflector and ammo handling system. These upgrades provide capability improvements addressing issues that Soldiers have identified as shortcomings of the current system.

A new start in FY 2015 initiates action on the M192 MWO Kit which, when provided, delivers a system improvement to this lightweight tripod. Fielded in 2005, the M192 is no longer compatible with the various body armor designs fielded in recent years. The M192 MWO Kit will address identified shortcomings in the design and provide increased height of the pintle as well as improved performance of the traversing and elevation mechanism.

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

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS				<b>Modification Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	139.169	4.989	7.608	5.546	-	5.546	4.169	6.325	5.757	5.767	-	179.330
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	139.169	4.989	7.608	5.546	-	5.546	4.169	6.325	5.757	5.767	-	179.330
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>139.169</b>	<b>4.989</b>	<b>7.608</b>	<b>5.546</b>	<b>-</b>	<b>5.546</b>	<b>4.169</b>	<b>6.325</b>	<b>5.757</b>	<b>5.767</b>	<b>-</b>	<b>179.330</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

Various system enhancements have been identified that improve the use of this weapon system. Improved components include a collapsible buttstock, bipod, drop-in mount cradle and 200-round ammunition pack and Feedback Support Improvement Kit (FSIK). Other items being procured to enhance Soldier performance include a light weight ground mount, short barrel, short barrel blank firing adapter and improved sling assembly.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20					<b>P-1 Line Item Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS					<b>Modification Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS				
<b>Models of Systems Affected:</b> M249 SAW Machine Gun				<b>Modification Type:</b> Increase Performance				<b>Related RDT&amp;E PEs:</b>						
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>		
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)		
<b>Procurement</b>														
<b>Modification Item 1 of 4: M249 SAW Bipod</b>														
B Kits														
Recurring														
Hardware	3,075 / 16.208	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3,075 / 16.208		
Engineering Support	0 / 2.993	- / 0.050	- / 0.200	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.100	- / -	- / -	- / -	- / 3.743		
Integrated Logistical Support	0 / 0.730	- / -	- / 0.050	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.035	- / -	- / -	- / -	- / 0.915		
Fielding	0 / 0.450	- / 0.074	- / 0.074	- / 0.072	- / -	- / 0.072	- / 0.072	- / 0.072	- / -	- / -	- / -	- / 0.814		
Program Management Support	0 / 0.196	- / 0.050	- / 0.200	- / 0.200	- / -	- / 0.200	- / 0.200	- / 0.100	- / -	- / -	- / -	- / 0.946		
<b>Subtotal: Recurring</b>	<b>- / 20.577</b>	<b>- / 0.174</b>	<b>- / 0.524</b>	<b>- / 0.522</b>	<b>- / -</b>	<b>- / 0.522</b>	<b>- / 0.522</b>	<b>- / 0.307</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 22.626</b>		
<b>Subtotal: M249 SAW Bipod</b>	<b>3,075 / 20.577</b>	<b>- / 0.174</b>	<b>- / 0.524</b>	<b>- / 0.522</b>	<b>- / -</b>	<b>- / 0.522</b>	<b>- / 0.522</b>	<b>- / 0.307</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>3,075 / 22.626</b>		
<b>Modification Item 2 of 4: M249 Short Barrel/Short Barrel BFA/Coll Buttstock</b>														
B Kits														
Recurring														
Hardware	0 / 60.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 60.000		
Short Barrel	4,740 / 1.554	3,297 / 1.174	3,189 / 1.161	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11,226 / 3.889		
Blank Firing Adapter	7,323 / 0.665	- / -	17,170 / 1.628	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24,493 / 2.293		
Collapsible Buttstock	4,761 / 1.143	2,288 / 0.572	- / -	3,429 / 1.351	- / -	3,429 / 1.351	2,136 / 0.880	7,882 / 3.468	7,884 / 3.555	1,524 / 2.900	- / -	29,904 / 13.869		
Extractor and Op-Rod Kits	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9,030 / 1.806	- / -	9,030 / 1.806		
Engineering Support	0 / 4.357	- / 0.254	- / 0.442	- / 0.436	- / -	- / 0.436	- / 0.317	- / 0.304	- / 0.450	- / 0.450	- / -	- / 7.010		
Integrated Logistical Support	0 / 0.620	- / -	- / 0.050	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / -	- / 0.920		
Fielding	0 / 0.495	- / 0.148	- / 0.246	- / 0.246	- / -	- / 0.246	- / 0.197	- / 0.197	- / 0.200	- / 0.200	- / -	- / 1.929		
Program Management Support	0 / 0.738	- / 0.255	- / 0.400	- / 0.400	- / -	- / 0.400	- / 0.355	- / 0.320	- / 0.400	- / 0.361	- / -	- / 3.229		
<b>Subtotal: Recurring</b>	<b>- / 69.572</b>	<b>- / 2.403</b>	<b>- / 3.927</b>	<b>- / 2.483</b>	<b>- / -</b>	<b>- / 2.483</b>	<b>- / 1.799</b>	<b>- / 4.339</b>	<b>- / 4.655</b>	<b>- / 5.767</b>	<b>- / -</b>	<b>- / 94.945</b>		
<b>Subtotal: M249 Short Barrel/Short Barrel BFA/Coll Buttstock</b>	<b>16,824 / 69.572</b>	<b>5,585 / 2.403</b>	<b>20,359 / 3.927</b>	<b>3,429 / 2.483</b>	<b>- / -</b>	<b>3,429 / 2.483</b>	<b>2,136 / 1.799</b>	<b>7,882 / 4.339</b>	<b>7,884 / 4.655</b>	<b>10,554 / 5.767</b>	<b>- / -</b>	<b>74,653 / 94.945</b>		
<b>Modification Item 3 of 4: Light Weight Ground Mount/ Drop-in Mount Cradle</b>														
B Kits														
Recurring														
Hardware- Lightweight Ground Mount	3,409 / 29.854	1,029 / 1.056	1,171 / 1.227	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,609 / 32.137		

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS						<b>Modification Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS			
<b>Models of Systems Affected:</b> M249 SAW Machine Gun				<b>Modification Type:</b> Increase Performance				<b>Related RDT&amp;E PEs:</b>					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Hardware-Drop-in Mount Cradle	- / -	- / -	230 / 0.150	2,466 / 1.377	- / -	2,466 / 1.377	815 / 0.811	618 / 0.560	83 / 0.150	- / -	- / -	4,212 / 3.048	
Engineering Support	0 / 2.749	- / 0.165	- / 0.366	- / 0.305	- / -	- / 0.305	- / 0.122	- / 0.303	- / 0.257	- / -	- / -	- / 14.267	
Program Management Support	0 / 0.271	- / 0.110	- / 0.310	- / 0.310	- / -	- / 0.310	- / 0.275	- / 0.205	- / 0.150	- / -	- / -	- / 1.631	
Integrated Logistical Support	0 / 0.355	- / 0.030	- / 0.050	- / 0.050	- / -	- / 0.050	- / 0.050	- / 0.050	- / 0.050	- / -	- / -	- / 0.635	
Fielding	0 / 0.349	- / 0.074	- / 0.150	- / 0.150	- / -	- / 0.150	- / 0.150	- / 0.121	- / 0.075	- / -	- / -	- / 1.069	
<b>Subtotal: Recurring</b>	<b>- / 33.578</b>	<b>- / 1.435</b>	<b>- / 2.253</b>	<b>- / 2.192</b>	<b>- / -</b>	<b>- / 2.192</b>	<b>- / 1.408</b>	<b>- / 1.239</b>	<b>- / 0.682</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 42.787</b>	
<b>Subtotal: Light Weight Ground Mount/Drop-in Mount Cradle</b>	<b>3,409 / 33.578</b>	<b>1,029 / 1.435</b>	<b>1,401 / 2.253</b>	<b>2,466 / 2.192</b>	<b>- / -</b>	<b>2,466 / 2.192</b>	<b>815 / 1.408</b>	<b>618 / 1.239</b>	<b>83 / 0.682</b>	<b>- / -</b>	<b>- / -</b>	<b>9,821 / 42.787</b>	
<b>Modification Item 4 of 4: 200rd/Feedbox Spt Improvement Kit</b>													
<b>B Kits</b>													
<b>Recurring</b>													
Hardware	0 / 9.800	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 9.800	
200 Rd Magazine	26,793 / 1.661	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26,793 / 1.661	
Slings	7,230 / 0.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7,230 / 0.534	
Feedbox Support Improvement Kit	33,613 / 1.566	6,645 / 0.698	10,360 / 0.555	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	50,618 / 2.819	
Engineering Support	0 / 1.455	- / 0.114	- / 0.173	- / 0.173	- / -	- / 0.173	- / 0.240	- / 0.180	- / 0.120	- / -	- / -	- / 12.455	
Fielding	0 / 0.250	- / 0.075	- / 0.076	- / 0.076	- / -	- / 0.076	- / 0.100	- / 0.090	- / 0.100	- / -	- / -	- / 0.767	
Program Management Support	0 / 0.176	- / 0.090	- / 0.100	- / 0.100	- / -	- / 0.100	- / 0.100	- / 0.170	- / 0.200	- / -	- / -	- / 0.936	
<b>Subtotal: Recurring</b>	<b>- / 15.442</b>	<b>- / 0.977</b>	<b>- / 0.904</b>	<b>- / 0.349</b>	<b>- / -</b>	<b>- / 0.349</b>	<b>- / 0.440</b>	<b>- / 0.440</b>	<b>- / 0.420</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 18.972</b>	
<b>Subtotal: 200rd/Feedbox Spt Improvement Kit</b>	<b>67,636 / 15.442</b>	<b>6,645 / 0.977</b>	<b>10,360 / 0.904</b>	<b>- / 0.349</b>	<b>- / -</b>	<b>- / 0.349</b>	<b>- / 0.440</b>	<b>- / 0.440</b>	<b>- / 0.420</b>	<b>- / -</b>	<b>- / -</b>	<b>84,641 / 18.972</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>90,944 / 139.169</b>	<b>13,259 / 4.989</b>	<b>32,120 / 7.608</b>	<b>5,895 / 5.546</b>	<b>- / -</b>	<b>5,895 / 5.546</b>	<b>2,951 / 4.169</b>	<b>8,500 / 6.325</b>	<b>7,967 / 5.757</b>	<b>10,554 / 5.767</b>	<b>- / -</b>	<b>172,190 / 179.330</b>	
<b>Installation</b>													
<b>Modification Item 1 of 4: M249 SAW Bipod</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 2 of 4: M249 Short Barrel/Short Barrel BFA/Coll Buttstock</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 3 of 4: Light Weight Ground Mount/ Drop-in Mount Cradle</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 4 of 4: 200rd/Feedbox Spt Improvement Kit</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Subtotal: Installation</b>	<b>0 / 0.000</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	
<b>Total</b>													



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS	<b>Modification Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS

<b>Models of Systems Affected:</b> M249 SAW Machine Gun	<b>Modification Type:</b> Increase Performance	<b>Related RDT&amp;E PEs:</b>
---	--	-------------------------------

<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>
<b>Total Cost (Procurement + Support + Installation)</b>	139.169	4.989	7.608	5.546	-	5.546	4.169	6.325	5.757	5.767	-	179.330

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS	<b>Modification Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS

**Modification Item 1 of 4:** M249 SAW Bipod

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TRI Technology Industries	Manufacturer Location: Mt. Vernon, NY
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 4

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

**Installation Information**

**Method of Implementation:** Installed by Troops

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS	<b>Modification Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS

**Modification Item 2 of 4:** M249 Short Barrel/Short Barrel BFA/Coll Buttstock

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: N/A	Manufacturer Location: N/A
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 9

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

**Installation Information**

**Method of Implementation:** Installed by Troops

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS	<b>Modification Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS

**Modification Item 3 of 4:** Light Weight Ground Mount/Drop-in Mount Cradle

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: N/A	Manufacturer Location: N/A
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 3

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

**Installation Information**

**Method of Implementation:** Installed by Troops

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS	<b>Modification Number / Title:</b> GZ1290 / M249 SAW Machine Gun MODS

**Modification Item 4 of 4:** 200rd/Feedbox Spt Improvement Kit

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: N/A	Manufacturer Location: N/A
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 9

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

**Installation Information**

**Method of Implementation:** Installed by Troops

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	18.780	6.797	2.719	4.635	-	4.635	4.236	4.814	4.963	4.971	-	51.915
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	18.780	6.797	2.719	4.635	-	4.635	4.236	4.814	4.963	4.971	-	51.915
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>18.780</b>	<b>6.797</b>	<b>2.719</b>	<b>4.635</b>	<b>-</b>	<b>4.635</b>	<b>4.236</b>	<b>4.814</b>	<b>4.963</b>	<b>4.971</b>	<b>-</b>	<b>51.915</b>

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

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

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

**Description:**

The 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, drop-in mount cradle, design modifications to the Lightweight Ground Mount, collapsible buttstock and Mounted Machine Gun Optic. These enhancements are applicable to both the M240B and M240L. M240L reduces the weight of the existing M240B by approximately 5 pounds.

The M197 Vehicle Mount is the current standard used to mount the M249 and M240B to most vehicle platforms. A system improvement (drop in mount cradle) will add a link/spent case deflector and ammo handling system to provide capability upgrades addressing issues that Soldiers have identified as shortcomings of the current system. The M192 is the primary ground mount for the M240B/L and M249 machineguns. Based on recent combat experience, improvements are required to address identified shortcomings in the design and to enhance operational performance.

Fielding of the M240H Machine Gun requires replacement/upgrade of the helicopter mounts/cradles to accommodate the replacement M240H. This upgrade will enhance the performance of the armament subsystems the M240H is assigned to thereby increasing the overall survivability of the aircraft platform. Improved mounts are required to be fielded to both the UH-60 and CH-47 platforms.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GZ1300 / M240 Series System Improvements	P-3a		-	-	18.780	-	-	6.797	-	-	2.719	-	-	4.635	-	-	-	-	-	4.635

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh	<b>P-1 Line Item Number / Title:</b> 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:**

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
<b>Total Gross/Weapon System Cost</b>			-	-	18.780	-	-	6.797	-	-	2.719	-	-	4.635	-	-	-	-	-	4.635

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
P-3a - GZ1300 / M240 Series System Improvements	P-3a		-	-	4.236	-	-	4.814	-	-	4.963	-	-	4.971	-	-	-	-	-	51.915
<b>Total Gross/Weapon System Cost</b>			-	-	4.236	-	-	4.814	-	-	4.963	-	-	4.971	-	-	-	-	-	51.915

\*For the P-3a, Title represents the Modification Number / Title.  
 Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$4.635 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 lightweight bipods which production of these items will allow for fielding to approximately 25 Infantry Brigade Combat Teams (IBCT). Additionally, funding as provided for an improved rail system, drop-in mount cradle (M197 MWO Kit) and improved barrels. M240L reduces the Soldier's combat load while allowing easier handling and movement of the weapon. The M197 Modification Work Order (MWO) Kit will upgrade the existing M197 Vehicle Mounts to add a link/spent case deflector and ammo handling system. These upgrades provide capability improvements addressing issues that Soldiers have identified as shortcomings of the current system.

A new start in FY 2015 initiates action on the M192 MWO Kit which, when provided, delivers a system improvement to this lightweight tripod. Fielded in 2005, the M192 is no longer compatible with the various body armor designs fielded in recent years. The M192 MWO Kit will address identified shortcomings in the design and provide increased height of the pintle as well as improved performance of the traversing and elevation mechanism.

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**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GZ1300 / M240 Medium Machine Gun MODS				<b>Modification Number / Title:</b> GZ1300 / M240 Series System Improvements				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	18.780	6.797	2.719	4.635	-	4.635	4.236	4.814	4.963	4.971	-	51.915
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	18.780	6.797	2.719	4.635	-	4.635	4.236	4.814	4.963	4.971	-	51.915
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>18.780</b>	<b>6.797</b>	<b>2.719</b>	<b>4.635</b>	<b>-</b>	<b>4.635</b>	<b>4.236</b>	<b>4.814</b>	<b>4.963</b>	<b>4.971</b>	<b>-</b>	<b>51.915</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

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

**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, drop-in mount cradle 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.



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20					<b>P-1 Line Item Number / Title:</b> GZ1300 / M240 Medium Machine Gun MODS					<b>Modification Number / Title:</b> GZ1300 / M240 Series System Improvements			
<b>Models of Systems Affected:</b> M240 Medium Machine Gun				<b>Modification Type:</b> Increase Performance				<b>Related RDT&amp;E PEs:</b>					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<b>Procurement</b>													
<i>Modification Item 1 of 1: M240 Series System Improvements</i>													
<i>B Kits</i>													
<i>Recurring</i>													
<i>Bipods</i>	4,700 / 2.600	- / -	- / -	2,070 / 1.310	- / -	2,070 / 1.310	1,730 / 1.120	- / -	- / -	- / -	- / -	8,500 / 5.030	
<i>Collapsible Buttstock</i>	5,700 / 4.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5,700 / 4.400	
<i>Improved Buffer</i>	22,000 / 5.900	12,196 / 3.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	34,196 / 9.200	
<i>Improved Rails</i>	- / -	- / -	- / -	5,000 / 0.740	- / -	5,000 / 0.740	5,000 / 0.760	9,500 / 1.480	8,000 / 1.280	9,000 / 1.480	- / -	36,500 / 5.740	
<i>Improved Barrel</i>	- / -	2,000 / 1.500	2,400 / 2.020	500 / 0.440	- / -	500 / 0.440	675 / 0.610	1,900 / 1.750	2,011 / 1.890	1,950 / 1.866	- / -	11,436 / 10.076	
<i>Drop-in Mount Cradle</i>	- / -	- / -	230 / 0.150	2,650 / 1.480	- / -	2,650 / 1.480	1,400 / 1.040	1,200 / 0.910	1,200 / 0.930	- / -	- / -	6,680 / 4.510	
<i>M192 Modification Work Order Kit</i>	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	938 / 0.571	- / -	938 / 0.571	
<i>Engineering Support</i>	0 / 2.450	- / 0.766	- / 0.325	- / 0.250	- / -	- / 0.250	- / 0.261	- / 0.224	- / 0.313	- / 0.437	- / -	- / 15.026	
<i>Program Management Support</i>	0 / 0.650	- / 0.125	- / 0.075	- / 0.050	- / -	- / 0.050	- / 0.075	- / 0.050	- / 0.050	- / 0.060	- / -	- / 11.135	
<i>Integrated Logistical Support</i>	0 / 1.100	- / 0.500	- / 0.049	- / 0.100	- / -	- / 0.100	- / 0.150	- / 0.150	- / 0.150	- / 0.207	- / -	- / 2.406	
<i>Fielding</i>	0 / 1.680	- / 0.606	- / 0.100	- / 0.265	- / -	- / 0.265	- / 0.220	- / 0.250	- / 0.350	- / 0.350	- / -	- / 3.821	
<i>Subtotal: Recurring</i>	- / 18.780	- / 6.797	- / 2.719	- / 4.635	- / -	- / 4.635	- / 4.236	- / 4.814	- / 4.963	- / 4.971	- / -	- / 51.915	
<i>Subtotal: M240 Series System Improvements</i>	32,400 / 18.780	14,196 / 6.797	2,630 / 2.719	10,220 / 4.635	- / -	10,220 / 4.635	8,805 / 4.236	12,600 / 4.814	11,211 / 4.963	11,888 / 4.971	- / -	103,950 / 51.915	
<i>Subtotal: Procurement, All Modification Items</i>	32,400 / 18.780	14,196 / 6.797	2,630 / 2.719	10,220 / 4.635	- / -	10,220 / 4.635	8,805 / 4.236	12,600 / 4.814	11,211 / 4.963	11,888 / 4.971	- / -	103,950 / 51.915	
<b>Installation</b>													
<i>Modification Item 1 of 1: M240 Series System Improvements</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Installation</i>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>18.780</b>	<b>6.797</b>	<b>2.719</b>	<b>4.635</b>	<b>-</b>	<b>4.635</b>	<b>4.236</b>	<b>4.814</b>	<b>4.963</b>	<b>4.971</b>	<b>-</b>	<b>51.915</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1300 / M240 Medium Machine Gun MODS	<b>Modification Number / Title:</b> GZ1300 / M240 Series System Improvements

**Modification Item 1 of 1:** M240 Series System Improvements

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: N/A	Manufacturer Location: N/A
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 7

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

**Installation Information**

**Method of Implementation:** Installed by Troops

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
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:**

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	22.894	14.094	7.017	4.079	-	4.079	8.706	5.416	8.169	8.943	-	79.318
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	22.894	14.094	7.017	4.079	-	4.079	8.706	5.416	8.169	8.943	-	79.318
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>22.894</b>	<b>14.094</b>	<b>7.017</b>	<b>4.079</b>	<b>-</b>	<b>4.079</b>	<b>8.706</b>	<b>5.416</b>	<b>8.169</b>	<b>8.943</b>	<b>-</b>	<b>79.318</b>

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

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

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

**Description:**

Program to procure modifications or conversions of sniper weapon and system components, Advanced Sniper Accessory Kits (ASAK), M151 Spotting Scope System, 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 including an enhanced reticle pattern 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, ballistic chronographs, light weight barrels, fire controls, muzzles with suppressors, other components, and support costs. The current army fleet of sniper weapons, consisting of the M14 Enhanced Battle Rifle (EBR), M110 Semi-Automatic Sniper System (SASS), M24 Sniper Weapon System (SWS) and the M107 Semi-Automatic Long Range Sniper Rifle (LRSR) requires continuous upgrades to the weapon, components, and/or ancillary equipment. Ongoing planned upgrades consist of the M110 SASS to the M110 Compact SASS and the M24 to the M2010 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.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GZ1500 / SNIPER RIFLES MODIFICATIONS (GZ1500)	P-3a		-	-	22.894	-	-	14.094	-	-	7.017	-	-	4.079	-	-	-	-	-	4.079
<b>Total Gross/Weapon System Cost</b>			-	-	<b>22.894</b>	-	-	<b>14.094</b>	-	-	<b>7.017</b>	-	-	<b>4.079</b>	-	-	<b>-</b>	-	-	<b>4.079</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
 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:**

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
P-3a - GZ1500 / SNIPER RIFLES MODIFICATIONS (GZ1500)	P-3a		-	-	8.706	-	-	5.416	-	-	8.169	-	-	8.943	-	-	-	-	-	79.318
<b>Total Gross/Weapon System Cost</b>			-	-	<b>8.706</b>	-	-	<b>5.416</b>	-	-	<b>8.169</b>	-	-	<b>8.943</b>	-	-	-	-	-	<b>79.318</b>

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$4.079 million supports the Active Army through procurement of weapon conversions using engineering change proposals (ECP's), modifications or upgrades. The conversions include M110 Semi-Automatic Sniper Systems (SASS) conversion to Compact Semi-Automatic Sniper Systems (CSASS), continued support for the M2010 Enhanced Sniper Rifle Modifications. These modifications and upgrades provide a more full-spectrum and versatile suite of sniper rifles that improves ergonomics, survivability, capability, and portability without sacrificing performance, accuracy and reliability. Efforts also include evaluation and/or validation of any proposed ECP's regarding fire control optics and any ancillary equipment enhancements that can include performing case studies to investigate the proposed enhancements and also to procure samples for evaluation.

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**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>							<b>Date: March 2014</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GZ1500 / Sniper Rifles Modifications				<b>Modification Number / Title:</b> GZ1500 / SNIPER RIFLES MODIFICATIONS (GZ1500)				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	22.894	14.094	7.017	4.079	-	4.079	8.706	5.416	8.169	8.943	-	79.318
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	22.894	14.094	7.017	4.079	-	4.079	8.706	5.416	8.169	8.943	-	79.318
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>22.894</b>	<b>14.094</b>	<b>7.017</b>	<b>4.079</b>	<b>-</b>	<b>4.079</b>	<b>8.706</b>	<b>5.416</b>	<b>8.169</b>	<b>8.943</b>	<b>-</b>	<b>79.318</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

This funds the conversion of M24 SWS to M2010 ESR, the M110 SASS to CSASS, and M107 LRS system to objective improvements. Sniper Rifle Modifications (GZ1500) consolidates Army modernization initiatives to procure enhancements to sniper mission and system performance capability with greater lethality and survivability. Through acquisition of present and future system components, ancillary, and associated items of equipment for the Advanced Sniper Accessory Kit (ASAK) and the Tactical Tripod Kit (TTK) for the M151 spotting scope. As well as other Sniper Upgrades and Improvements to include but not limited to the Spotting Scope Optical Display (SSOD), Sniper Rifle Fire Control System (SRFCS), Eagle Eye (EE), Shot Counter for Reliability and Maintainability (SCRAM), and Extreme Accuracy Tasked Ordnance (EXACTO).

**Development Status/Major Development Milestones**

<b>Date</b>	<b>Title</b>	<b>Description</b>
Feb 2012	Urgent Material Release	M2010 Enhanced Sniper Rifle (ESR)
Jul 2013	Milestone C / TC Standard	M2010 Enhanced Sniper Rifle (ESR)
Dec 2015	Milestone C ADM	M110 Compact (CSASS)
Feb 2016	Type Classification Standard	M110 Compact (CSASS)

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1500 / Sniper Rifles Modifications	<b>Modification Number / Title:</b> GZ1500 / SNIPER RIFLES MODIFICATIONS (GZ1500)

<b>Models of Systems Affected:</b> M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200), and M2010 ESR (GZ1500)	<b>Modification Type:</b> Increased Performance	<b>Related RDT&amp;E PEs:</b>
---	---	-------------------------------

Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)

**Procurement**

<b>Modification Item 1 of 3: M110 Compact (CSASS)</b>												
B Kits												
Recurring												
M110 Compact	- / -	- / -	- / -	- / -	- / -	- / -	1,036 / 7.106	644 / 3.816	972 / 6.569	991 / 7.343	- / -	3,643 / 24.834
Engineering Support	- / -	- / -	- / -	- / -	- / -	- / -	- / 1.500	- / 1.500	- / 1.500	- / 1.500	- / -	- / 16.000
<b>Subtotal: Recurring</b>	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.606	- / 5.316	- / 8.069	- / 8.843	- / -	- / 30.834
<b>Subtotal: M110 Compact (CSASS)</b>	- / -	- / -	- / -	- / -	- / -	- / -	1,036 / 8.606	644 / 5.316	972 / 8.069	991 / 8.843	- / -	3,643 / 30.834

<b>Modification Item 2 of 3: M24 SWS to M2010 ESR</b>												
A Kits												
Recurring												
M24 SWS to M2010 ESR	2,270 / 20.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,270 / 20.300
Engineering Support	0 / 0.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 10.700
<b>Subtotal: Recurring</b>	- / 21.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 21.000
<b>Subtotal: M24 SWS to M2010 ESR</b>	2,270 / 21.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,270 / 21.000

<b>Modification Item 3 of 3: Sniper Upgrades and Accessories</b>												
B Kits												
Recurring												
Sniper Upgrades and Accessories	160 / 1.600	- / -	- / -	3,643 / 2.040	- / -	3,643 / 2.040	- / -	- / -	- / -	- / -	- / -	3,803 / 3.640
ECP Spotting Scope	- / -	- / -	- / 13.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 13.300
Engineering Support (ESIP)	0 / 0.294	- / 14.094	- / 13.717	- / 12.039	- / -	- / 12.039	- / 10.100	- / 10.100	- / 10.100	- / 10.100	- / -	- / 20.544
<b>Subtotal: Recurring</b>	- / 1.894	- / 14.094	- / 17.017	- / 14.079	- / -	- / 14.079	- / 10.100	- / 10.100	- / 10.100	- / 10.100	- / -	- / 27.484
<b>Subtotal: Sniper Upgrades and Accessories</b>	160 / 1.894	- / 14.094	- / 17.017	3,643 / 4.079	- / -	3,643 / 4.079	- / 10.100	- / 10.100	- / 10.100	- / 10.100	- / -	3,803 / 27.484
<b>Subtotal: Procurement, All Modification Items</b>	2,430 / 22.894	- / 14.094	- / 17.017	3,643 / 4.079	- / -	3,643 / 4.079	1,036 / 8.706	644 / 5.416	972 / 8.169	991 / 8.943	- / -	9,716 / 79.318

<b>Installation</b>												
<b>Modification Item 1 of 3: M110 Compact (CSASS)</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	777 / -	742 / -	890 / -	987 / -	247 / -	3,643 / -
<b>Modification Item 2 of 3: M24 SWS to M2010 ESR</b>	1,190 / 0.000	1,080 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,270 / -
<b>Modification Item 3 of 3: Sniper Upgrades and Accessories</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1500 / Sniper Rifles Modifications	<b>Modification Number / Title:</b> GZ1500 / SNIPER RIFLES MODIFICATIONS (GZ1500)

<b>Models of Systems Affected:</b> M14 EBR (GZ2801), M110 SASS (G01505), M107 LRSR (G01500), M24 SWS (G04200), and M2010 ESR (GZ1500)	<b>Modification Type:</b> Increased Performance	<b>Related RDT&amp;E PEs:</b>
---	---	-------------------------------

Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
<i>Subtotal: Installation</i>	1,190 / 0.000	1,080 / -	- / -	- / -	- / -	- / -	777 / -	742 / -	890 / -	987 / -	247 / -	5,913 / -
<b>Total</b>												
<b>Total Cost (Procurement + Support + Installation)</b>	<b>22.894</b>	<b>14.094</b>	<b>7.017</b>	<b>4.079</b>	<b>-</b>	<b>4.079</b>	<b>8.706</b>	<b>5.416</b>	<b>8.169</b>	<b>8.943</b>	<b>-</b>	<b>79.318</b>

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1500 / Sniper Rifles Modifications	<b>Modification Number / Title:</b> GZ1500 / SNIPER RIFLES MODIFICATIONS (GZ1500)

**Modification Item 1 of 3:** M110 Compact (CSASS)

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD	Manufacturer Location: TBDF
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 4

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

**Installation Information**

**Method of Implementation:** Installed by Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	777 / -	259 / -	- / -	- / -	- / -	1,036 / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	483 / -	161 / -	- / -	- / -	644 / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	729 / -	243 / -	243 / -	- / -	972 / -
FY 2019	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	744 / -	247 / -	247 / -	991 / -
To Complete	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	777 / -	742 / -	890 / -	987 / -	247 / -	3,643 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	259	259	259	259	161	161	161	161	243	243	243	243	248	248	248	247	-	3,643
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	259	259	259	259	161	161	161	161	243	243	243	243	248	248	248	247	3,643



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1500 / Sniper Rifles Modifications	<b>Modification Number / Title:</b> GZ1500 / SNIPER RIFLES MODIFICATIONS (GZ1500)

**Modification Item 2 of 3:** M24 SWS to M2010 ESR

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Remington	Manufacturer Location: Madison, NC
Administrative Leadtime (in Months): 6	Production Leadtime (in Months): 4

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

**Installation Information**

**Method of Implementation:** Installed by Contractor

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	1,190 / 0.000	1,080 / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	2,270 / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1,190 / 0.000	1,080 / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2,270 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot				
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4						
In	1,460	270	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,270
Out	1,190	270	270	270	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,270

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GZ1500 / Sniper Rifles Modifications	<b>Modification Number / Title:</b> GZ1500 / SNIPER RIFLES MODIFICATIONS (GZ1500)

**Modification Item 3 of 3:** Sniper Upgrades and Accessories

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: N/A	Manufacturer Location: N/A
Administrative Leadtime (in Months): 11	Production Leadtime (in Months): 6

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

**Installation Information**

**Method of Implementation:** Installed by Soldiers

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	244.328	22.306	18.707	72.718	-	72.718	31.768	4.914	4.962	4.966	-	404.669
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	244.328	22.306	18.707	72.718	-	72.718	31.768	4.914	4.962	4.966	-	404.669
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>244.328</b>	<b>22.306</b>	<b>18.707</b>	<b>72.718</b>	<b>-</b>	<b>72.718</b>	<b>31.768</b>	<b>4.914</b>	<b>4.962</b>	<b>4.966</b>	<b>-</b>	<b>404.669</b>

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

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

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

**Description:**

The 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 M119A2 Howitzer will be capable of firing precision fuzes that may be developed in the future, which will enhance the accuracy of conventional 105mm ammunition. Other modifications to the howitzer include a Recoil System Capability Package, which will enhance survivability by replacing the Buffer and Recuperator in the recoil system and add suspension modifications. A Power System Modification will replace current system batteries to increase power output and cold temperature performance.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	22.306	11.224	44.105	-	44.105	19.205	2.969	2.968	3.160
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	7.483	28.613	-	28.613	12.563	1.945	1.994	1.806
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Obligation Authority</b>	<b>22.306</b>	<b>18.707</b>	<b>72.718</b>	<b>-</b>	<b>72.718</b>	<b>31.768</b>	<b>4.914</b>	<b>4.962</b>	<b>4.966</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh **P-1 Line Item Number / Title:** GC0401 / M119 Modifications

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits		Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GC0401 / M119 Modifications	P-3a		-	-	244.328	-	-	22.306	-	-	18.707	-	-	72.718	-	-	-	-	-	72.718
<b>Total Gross/Weapon System Cost</b>			-	-	<b>244.328</b>	-	-	<b>22.306</b>	-	-	<b>18.707</b>	-	-	<b>72.718</b>	-	-	-	-	-	<b>72.718</b>

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
P-3a - GC0401 / M119 Modifications	P-3a		-	-	31.768	-	-	4.914	-	-	4.962	-	-	4.966	-	-	-	-	-	404.669
<b>Total Gross/Weapon System Cost</b>			-	-	<b>31.768</b>	-	-	<b>4.914</b>	-	-	<b>4.962</b>	-	-	<b>4.966</b>	-	-	-	-	-	<b>404.669</b>

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$72.718 million supports the procurement of 71 Digital Fire Control Systems, Recoil Systems for 375 howitzers and other modifications. 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. In total, this modification will be applied to 528 M119A2 Howitzers. FY 2015 funding also provides for the procurement of Training Aids, Devices, Simulators and Simulations, and a Power System Modification.

IAW Section 1815 of the FY 2008 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.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>							<b>Date: March 2014</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GC0401 / M119 Modifications				<b>Modification Number / Title:</b> GC0401 / M119 Modifications				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	244.328	22.306	18.707	72.718	-	72.718	31.768	4.914	4.962	4.966	-	404.669
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	244.328	22.306	18.707	72.718	-	72.718	31.768	4.914	4.962	4.966	-	404.669
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>244.328</b>	<b>22.306</b>	<b>18.707</b>	<b>72.718</b>	<b>-</b>	<b>72.718</b>	<b>31.768</b>	<b>4.914</b>	<b>4.962</b>	<b>4.966</b>	<b>-</b>	<b>404.669</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>\$ in Thousands</i> )	-	-	-	-	-	-	-	-	-	-	-	-

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

**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.

Training Devices - Training Aids, Devices, Simulators and Simulations(TADSS) provide for the procurement products use in training artillerymen and maintainers in fielded units as well as in classroom instruction at school houses. Products will include M119A3 Legacy Desktop Personal Computer Trainer, M119A3 Desktop Crew Trainer, and M119A3 Computer Based Trainer.

Power System Management Mod will procure a new power supply for the M119A3 Digital Fire Control System. The modification will increase system electrical power and meet system operating requirements for low temperature environments.

Durability Mods will optimize the design of the spades on the M119 howitzer to increase durability and decrease weight.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	22.306	11.224	44.105	-	44.105	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	-	7.483	28.613	-	28.613	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Obligation Authority</b>	<b>22.306</b>	<b>18.707</b>	<b>72.718</b>	<b>-</b>	<b>72.718</b>	<b>31.768</b>	<b>4.914</b>	<b>4.962</b>	<b>4.966</b>

**UNCLASSIFIED**

Exhibit P-3a, Individual Modification: PB 2015 Army								Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20				P-1 Line Item Number / Title: GC0401 / M119 Modifications				Modification Number / Title: GC0401 / M119 Modifications					
Models of Systems Affected: M119A2/A3 Howitzer			Modification Type: Increase Performance				Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 7: Digitization</b>													
A Kits													
Recurring													
Integration Prod/Init Spares	350 / 70.120	43 / 13.240	38 / 10.323	71 / 22.347	- / -	71 / 22.347	26 / 6.009	- / -	- / -	- / -	- / -	528 / 122.039	
Logistics & Fielding	0 / 6.644	- / 1.504	- / 1.300	- / 3.785	- / -	- / 3.785	- / 1.850	- / -	- / -	- / -	- / -	- / 15.083	
Program Management	0 / 5.100	- / 1.602	- / 1.603	- / 1.604	- / -	- / 1.604	- / 1.102	- / -	- / -	- / -	- / -	- / 11.011	
System Engineering	0 / 6.460	- / 3.360	- / 3.381	- / 3.700	- / -	- / 3.700	- / 1.687	- / -	- / -	- / -	- / -	- / 18.588	
Engineering Change Orders (ECO)	0 / 7.100	- / 2.600	- / 2.100	- / 2.223	- / -	- / 2.223	- / 1.404	- / -	- / -	- / -	- / -	- / 15.427	
<b>Subtotal: Recurring</b>	<b>- / 95.424</b>	<b>- / 22.306</b>	<b>- / 18.707</b>	<b>- / 33.659</b>	<b>- / -</b>	<b>- / 33.659</b>	<b>- / 12.052</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 182.148</b>	
<b>Subtotal: Digitization</b>	<b>350 / 95.424</b>	<b>43 / 22.306</b>	<b>38 / 18.707</b>	<b>71 / 33.659</b>	<b>- / -</b>	<b>71 / 33.659</b>	<b>26 / 12.052</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>528 / 182.148</b>	
<b>Modification Item 2 of 7: Recoil Capability Package</b>													
A Kits													
Recurring													
Recoil System Upgrade	- / -	- / -	- / -	375 / 32.959	- / -	375 / 32.959	153 / 13.531	- / -	- / -	- / -	- / -	528 / 46.490	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 32.959</b>	<b>- / -</b>	<b>- / 32.959</b>	<b>- / 13.531</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 46.490</b>	
<b>Subtotal: Recoil Capability Package</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>375 / 32.959</b>	<b>- / -</b>	<b>375 / 32.959</b>	<b>153 / 13.531</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>528 / 46.490</b>	
<b>Modification Item 3 of 7: Training Devices (TADSS)</b>													
A Kits													
Non-Recurring													
Training Devices	- / -	- / -	- / -	- / 1.100	- / -	- / 1.100	- / 1.850	- / 2.280	- / 3.280	- / 3.600	- / -	- / 12.110	
<b>Subtotal: Non-Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 1.100</b>	<b>- / -</b>	<b>- / 1.100</b>	<b>- / 1.850</b>	<b>- / 2.280</b>	<b>- / 3.280</b>	<b>- / 3.600</b>	<b>- / -</b>	<b>- / 12.110</b>	
<b>Subtotal: Training Devices (TADSS)</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 1.100</b>	<b>- / -</b>	<b>- / 1.100</b>	<b>- / 1.850</b>	<b>- / 2.280</b>	<b>- / 3.280</b>	<b>- / 3.600</b>	<b>- / -</b>	<b>- / 12.110</b>	
<b>Modification Item 4 of 7: Power System Management</b>													
A Kits													
Non-Recurring													
Power System Mods	- / -	- / -	- / -	264 / 3.500	- / -	264 / 3.500	264 / 3.500	- / -	- / -	- / -	- / -	528 / 7.000	
<b>Subtotal: Non-Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 3.500</b>	<b>- / -</b>	<b>- / 3.500</b>	<b>- / 3.500</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 7.000</b>	
<b>Subtotal: Power System Management</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>264 / 3.500</b>	<b>- / -</b>	<b>264 / 3.500</b>	<b>264 / 3.500</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>528 / 7.000</b>	
<b>Modification Item 5 of 7: Durability Mods</b>													
A Kits													
Recurring													
Kit Quantity	- / -	- / -	- / -	98 / 1.500	- / -	98 / 1.500	53 / 0.835	174 / 2.634	112 / 1.682	91 / 1.366	- / -	528 / 8.017	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20					<b>P-1 Line Item Number / Title:</b> GC0401 / M119 Modifications					<b>Modification Number / Title:</b> GC0401 / M119 Modifications			
<b>Models of Systems Affected: M119A2/A3 Howitzer</b>				<b>Modification Type: Increase Performance</b>				<b>Related RDT&amp;E PEs:</b>					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<i>Subtotal: Recurring</i>	- / -	- / -	- / -	- / 1.500	- / -	- / 1.500	- / 0.835	- / 2.634	- / 1.682	- / 1.366	- / -	- / 8.017	
<i>Subtotal: Durability Mods</i>	- / -	- / -	- / -	98 / 1.500	- / -	98 / 1.500	53 / 0.835	174 / 2.634	112 / 1.682	91 / 1.366	- / -	528 / 8.017	
<b>Modification Item 6 of 7: M119 Modifications Optical Fire Control</b>													
A Kits													
Recurring													
Kit Quantity	565 / 31.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / 31.534	
<i>Subtotal: Recurring</i>	- / 31.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 31.534	
<i>Subtotal: M119 Modifications Optical Fire Control</i>	565 / 31.534	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / 31.534	
<b>Modification Item 7 of 7: LASIP</b>													
A Kits													
Recurring													
Kit Quantity	353 / 117.370	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	353 / 117.370	
<i>Subtotal: Recurring</i>	- / 117.370	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 117.370	
<i>Subtotal: LASIP</i>	353 / 117.370	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	353 / 117.370	
<i>Subtotal: Procurement, All Modification Items</i>	1,268 / 244.328	43 / 22.306	38 / 18.707	808 / 72.718	- / -	808 / 72.718	496 / 31.768	174 / 4.914	112 / 4.962	91 / 4.966	- / -	3,030 / 404.669	
<b>Installation</b>													
<b>Modification Item 1 of 7: Digitization</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 2 of 7: Recoil Capability Package</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 3 of 7: Training Devices (TADSS)</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 4 of 7: Power System Management</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 5 of 7: Durability Mods</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 6 of 7: M119 Modifications Optical Fire Control</b>	565 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / -	
<b>Modification Item 7 of 7: LASIP</b>	353 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	353 / -	
<i>Subtotal: Installation</i>	918 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	918 / -	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>244.328</b>	<b>22.306</b>	<b>18.707</b>	<b>72.718</b>	<b>-</b>	<b>72.718</b>	<b>31.768</b>	<b>4.914</b>	<b>4.962</b>	<b>4.966</b>	<b>-</b>	<b>404.669</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0401 / M119 Modifications	<b>Modification Number / Title:</b> GC0401 / M119 Modifications

**Modification Item 1 of 7:** Digitization

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Various      Manufacturer Location: Various

Administrative Leadtime (in Months):      Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Organic

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0401 / M119 Modifications	<b>Modification Number / Title:</b> GC0401 / M119 Modifications

**Modification Item 2 of 7:** Recoil Capability Package

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Various      Manufacturer Location: Various

Administrative Leadtime (in Months):      Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Organic

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0401 / M119 Modifications	<b>Modification Number / Title:</b> GC0401 / M119 Modifications

**Modification Item 3 of 7:** Training Devices (TADSS)  
**Modification Item MDAP/MAIS Code:**

<b>Manufacturer Information</b>							
Manufacturer Name: Organic				Manufacturer Location: Various			
Administrative Leadtime (in Months):				Production Leadtime (in Months):			
Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates							
Delivery Dates							

**Installation Information**

**Method of Implementation:** Organic

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

<b>Installation Schedule</b>																															
	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army	<b>Date:</b> March 2014
--	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0401 / M119 Modifications	<b>Modification Number / Title:</b> GC0401 / M119 Modifications
--	---	--

**Modification Item 4 of 7:** Power System Management

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD

Manufacturer Location: TBD

Administrative Leadtime (in Months):

Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Organic

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army	<b>Date:</b> March 2014
--	-------------------------

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0401 / M119 Modifications	<b>Modification Number / Title:</b> GC0401 / M119 Modifications
--	---	--

**Modification Item 5 of 7:** Durability Mods

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD	Manufacturer Location: TBD
------------------------	----------------------------

Administrative Leadtime (in Months):	Production Leadtime (in Months):
--------------------------------------	----------------------------------

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

**Installation Information**

**Method of Implementation:** Organic

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0401 / M119 Modifications	<b>Modification Number / Title:</b> GC0401 / M119 Modifications

**Modification Item 6 of 7:** M119 Modifications Optical Fire Control

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Seiler Instrument & Manufacturing Company, Inc

Manufacturer Location: St. Louis, MO

Administrative Leadtime (in Months): 7

Production Leadtime (in Months): 3

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Jun 2010						
Delivery Dates	Oct 2011						

**Installation Information**

**Method of Implementation:** Organic

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	565 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	565 / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	565 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	565 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565
Out	565	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	565

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0401 / M119 Modifications	<b>Modification Number / Title:</b> GC0401 / M119 Modifications

**Modification Item 7 of 7:** LASIP

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: Various      Manufacturer Location: Various

Administrative Leadtime (in Months):      Production Leadtime (in Months):

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

**Installation Information**

**Method of Implementation:** Depot Installation

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	353 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	353 / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	353 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	353 / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	353
Out	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	353

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	20.908	2.959	2.136	1.952	-	1.952	1.784	1.339	1.737	3.479	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	20.908	2.959	2.136	1.952	-	1.952	1.784	1.339	1.737	3.479	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>20.908</b>	<b>2.959</b>	<b>2.136</b>	<b>1.952</b>	<b>-</b>	<b>1.952</b>	<b>1.784</b>	<b>1.339</b>	<b>1.737</b>	<b>3.479</b>	<b>Continuing</b>	<b>Continuing</b>

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

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

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

**Description:**

The M16 Rifle Modifications Program provides combat optics and Close Quarters Battle (CQB) Kit. The M68 Close Combat Optic (CCO) is used on the M4 Carbine and M16 Rifle and allows the Infantry Soldier to engage targets with both eyes open while maintaining situational awareness of events happening in close proximity. The Rifle Combat Optic (RCO) provides an improved capability to recognize and engage targets from 300 to 600m with the M4, M4A1, M16A2 and the M16A4. The Squad Common Optic (SCO) combines the reflexive fire capability of the M68 Close Combat Optic (CCO) and offers greater resolution than the M150 Rifle Combat Optic (RCO) for increased recognition ranges. The Close Quarters Battle Kit (CQBK) provides the Soldier with multiple low cost items to increase lethality and survivability with individual weapons. The Improved Weapons Cleaning Kit (IWCK) contains all the necessary items needed to conduct a thorough and efficient cleaning of both the weapon and the optic.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.959	2.136	1.952	-	1.952	1.784	1.339	1.737	3.479
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Total Obligation Authority</b>	<b>2.959</b>	<b>2.136</b>	<b>1.952</b>	<b>-</b>	<b>1.952</b>	<b>1.784</b>	<b>1.339</b>	<b>1.737</b>	<b>3.479</b>

**Justification:**

FY 2015 Base procurement dollars in the amount of \$1.952 million supports the Active Army in purchasing Individual Weapons Cleaning Kits (IWCK). The IWCK has been reconfigured into two separate kits: Individual Kit and Team Kit. The IWCK has been reconfigured to increase the utility to the Soldier and drive down unit cost.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh		<b>P-1 Line Item Number / Title:</b> GZ2800 / M16 Rifle Mods
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b> 0604601A	<b>Other Related Program Elements:</b>
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 Line Item Justification:** PB 2015 Army **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
G02100 / Mortar Modification

ID Code (A=Service Ready, B=Not Service Ready) : B		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	8.903	-	8.903	6.352	11.422	6.154	5.165	-	37.996
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	8.903	-	8.903	6.352	11.422	6.154	5.165	-	37.996
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	-	<b>8.903</b>	-	<b>8.903</b>	<b>6.352</b>	<b>11.422</b>	<b>6.154</b>	<b>5.165</b>	-	<b>37.996</b>

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

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

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

**Description:**

Mortar System modifications for 60mm Light Weight M224A1, 81mm Light Weight M252A1, 120mm M120A1/M121 Mortar Weapon Systems, and Engineering in Support of Items in Production (ESIP) for improved Aiming Posts and Lights (tritium free) for all mortar calibers, M191A1 bipod with integral pointing device mount improvement for the M120A1 towed mortar, and Range Indicators to include Mortar Anti Personnel Anti Material (MAPAM) markings and the M8A1 patrolling baseplate for the 60mm M224A1 mortar.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - G02100 / Mortar Modification	P-3a		-	-	-	-	-	-	-	-	-	-	-	8.903	-	-	-	-	-	8.903
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	-	-	-	-	-	-	8.903	-	-	-	-	-	8.903

Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - G02100 / Mortar Modification	P-3a		-	-	6.352	-	-	11.422	-	-	6.154	-	-	5.165	-	-	-	-	-	37.996
<b>Total Gross/Weapon System Cost</b>			-	-	6.352	-	-	11.422	-	-	6.154	-	-	5.165	-	-	-	-	-	37.996

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh		<b>P-1 Line Item Number / Title:</b> G02100 / Mortar Modification
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : B	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
*For the P-3a, Title represents the Modification Number / Title.		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		

**Justification:**  
FY 2015 Base procurement dollars in the amount of \$8.903 million supports the procurement of 500 range indicators (with revised range scales for the MAPAM round) to be used with the M224A1 Light Weight 60mm mortar, 200 M191A1 bipods to be used with the M120A1 towed mortar, and 1000 aiming posts and light sets to be used with all mortar calibers. The mortar modification support funds are essential to meet US Army fielding requirements of the lightweight 60mm & 81mm mortars and the 120MM mortars to 40 Infantry Combat Teams, nine Stryker Brigade Combat Teams, seven Special Forces Brigades and a Ranger Regiment. Fielding and Training of these modifications will be performed through FY 2015 base funding. Supports the Active.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army							<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> G02100 / Mortar Modification				<b>Modification Number / Title:</b> G02100 / Mortar Modification				

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	8.903	-	8.903	6.352	11.422	6.154	5.165	-	37.996
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	8.903	-	8.903	6.352	11.422	6.154	5.165	-	37.996
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	-	<b>8.903</b>	-	<b>8.903</b>	<b>6.352</b>	<b>11.422</b>	<b>6.154</b>	<b>5.165</b>	-	<b>37.996</b>
<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)	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

Description:

Mortar System modifications for 60mm Light Weight M224A1, 81mm Light Weight M252A1, 120mm M120A1/M121 Mortar Weapon Systems, and Engineering in Support of Items in Production (ESIP) for improved Aiming Posts and Lights (tritium free) for all mortar calibers, M191A1 bipod with integral pointing device mount improvement for the M120A1 towed mortar, and Range Indicators to include Mortar Anti Personnel Anti Material (MAPAM) markings and the M8A1 patrolling baseplate for the 60mm M224A1 mortar.

Justification:

FY 2015 procurement dollars in the amount of \$8.903 million supports the procurement of 500 range indicators (with revised range scales for the MAPAM round) to be used with the M224A1 Light Weight 60mm mortar, 200 M191A1 bipods to be used with the M120A1 towed mortar, and 1000 aiming posts and light sets to be used with all mortar calibers. The mortar modification support funds are essential to meet US Army fielding requirements of the lightweight 60mm & 81mm mortars and the 120MM mortars to 40 Infantry Combat Teams, nine Stryker Brigade Combat Teams, seven Special Forces Brigades and a Ranger Regiment. Fielding and Training of these modifications will be performed through FY 2015 base funding.

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date: March 2014</b>			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20					<b>P-1 Line Item Number / Title:</b> G02100 / Mortar Modification					<b>Modification Number / Title:</b> G02100 / Mortar Modification			
<b>Models of Systems Affected:</b> M224A1, M252A1, MM120, M121A1				<b>Modification Type:</b> increase performance				<b>Related RDT&amp;E PEs:</b>					
<b>Financial Plan</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
<b>Procurement</b>													
<i>Modification Item 1 of 1: Mortar Modification</i>													
A Kits													
Recurring													
Aiming Post Lights	- / -	- / -	- / -	1,000 / 1.650	- / -	1,000 / 1.650	1,000 / 1.650	1,000 / 1.650	417 / 0.688	- / -	- / -	3,417 / 5.638	
Range Indicators	- / -	- / -	- / -	500 / 0.188	- / -	500 / 0.188	500 / 0.188	505 / 0.189	- / -	- / -	- / -	1,505 / 0.565	
Engineering/Program Support	- / -	- / -	- / -	- / 0.250	- / -	- / 0.250	- / 0.249	- / 3.583	- / 3.300	- / 3.100	- / -	- / 10.482	
New Equipment Training	- / -	- / -	- / -	- / 0.465	- / -	- / 0.465	- / 0.465	- / 1.600	- / 1.566	- / 1.465	- / -	- / 5.561	
Fielding	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.600	- / 0.600	- / 0.600	- / -	- / 1.800	
<i>Subtotal: Recurring</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 2.553</i>	<i>- / -</i>	<i>- / 2.553</i>	<i>- / 2.552</i>	<i>- / 7.622</i>	<i>- / 6.154</i>	<i>- / 5.165</i>	<i>- / -</i>	<i>- / 24.046</i>	
Non-Recurring													
M191A1 Bipods	- / -	- / -	- / -	200 / 6.000	- / -	200 / 6.000	250 / 3.800	250 / 3.800	- / -	- / -	- / -	700 / 13.600	
First Article Testing	- / -	- / -	- / -	- / 0.250	- / -	- / 0.250	- / -	- / -	- / -	- / -	- / -	- / 0.250	
Tech Manuals	- / -	- / -	- / -	- / 0.100	- / -	- / 0.100	- / -	- / -	- / -	- / -	- / -	- / 0.100	
<i>Subtotal: Non-Recurring</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 6.350</i>	<i>- / -</i>	<i>- / 6.350</i>	<i>- / 3.800</i>	<i>- / 3.800</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / 13.950</i>	
<i>Subtotal: Mortar Modification</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>1,700 / 8.903</i>	<i>- / -</i>	<i>1,700 / 8.903</i>	<i>1,750 / 6.352</i>	<i>1,755 / 11.422</i>	<i>417 / 6.154</i>	<i>- / 5.165</i>	<i>- / -</i>	<i>5,622 / 37.996</i>	
<i>Subtotal: Procurement, All Modification Items</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>1,700 / 8.903</i>	<i>- / -</i>	<i>1,700 / 8.903</i>	<i>1,750 / 6.352</i>	<i>1,755 / 11.422</i>	<i>417 / 6.154</i>	<i>- / 5.165</i>	<i>- / -</i>	<i>5,622 / 37.996</i>	
<b>Installation</b>													
<i>Modification Item 1 of 1: Mortar Modification</i>													
<i>Subtotal: Installation</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	<i>- / -</i>	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	-	-	-	8.903	-	8.903	6.352	11.422	6.154	5.165	-	37.996	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> G02100 / Mortar Modification	<b>Modification Number / Title:</b> G02100 / Mortar Modification

**Modification Item 1 of 1:** Mortar Modification

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBS01, TBS01      Manufacturer Location: TBS01, TBS01

Administrative Leadtime (in Months): 9      Production Leadtime (in Months): 14

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Jun 2015	Jun 2016	Jun 2017	Jun 2018	
Delivery Dates			Aug 2015	Apr 2017	Apr 2018	Apr 2019	

**Installation Information**

**Method of Implementation:** Organic Install

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	- / -	- / -	- / -	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.300	3.068	1.569	2.089	-	2.089	3.768	3.211	3.521	3.527	-	21.053
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.300	3.068	1.569	2.089	-	2.089	3.768	3.211	3.521	3.527	-	21.053
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>0.300</b>	<b>3.068</b>	<b>1.569</b>	<b>2.089</b>	<b>-</b>	<b>2.089</b>	<b>3.768</b>	<b>3.211</b>	<b>3.521</b>	<b>3.527</b>	<b>-</b>	<b>21.053</b>

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

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

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

**Description:**

This program procures modifications of small arms with a cost less than \$5.000 million to include the procurement of accessory components of optics, protective lens coatings, mounting systems and mount improvements, bipods, tripods and tripods improvements/upgrades. 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 4-powered scope with a ranging reticle 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 provide a means to mount accessory components to weapons and mount weapon systems to platforms. The M197 Vehicle Mount is the current standard used to mount the M249 and M240B machine guns to most vehicle platforms. A system improvement will add a link/spent case deflector and ammo handling system to provide capability upgrades addressing issues that Soldiers have identified as shortcomings of the current system. Bipods and tripods are used to stabilize and maneuver a weapon to target. The M205 is a lightweight tripod for dismounted M2/M2A1/MK19 machine guns; it weighs 16 lbs (32%) less than the currently used M3 Tripod. The M192 is the primary ground mount for the M240B/L and M249 machine guns. Based on recent combat experience, improvements are required to address identified shortcomings in the design and to enhance operational performance.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ K)	Qty (Each)	Total Cost (\$ M)
P-3a - GC0925 / Modifications Less Than \$5.0M	P-3a		-	-	0.300	-	-	3.068	-	-	1.569	-	-	2.089	-	-	-	-	-	2.089
<b>Total Gross/Weapon System Cost</b>			<b>-</b>	<b>-</b>	<b>0.300</b>	<b>-</b>	<b>-</b>	<b>3.068</b>	<b>-</b>	<b>-</b>	<b>1.569</b>	<b>-</b>	<b>-</b>	<b>2.089</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2.089</b>

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 20: Mod of Weapons and Other Combat Veh

**P-1 Line Item Number / Title:**  
 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:**

Exhibits Schedule		ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total		
Title*	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)
P-3a - GC0925 / Modifications Less Than \$5.0M	P-3a		-	-	3.768	-	-	3.211	-	-	3.521	-	-	3.527	-	-	-	-	-	21.053
<b>Total Gross/Weapon System Cost</b>			-	-	<b>3.768</b>	-	-	<b>3.211</b>	-	-	<b>3.521</b>	-	-	<b>3.527</b>	-	-	-	-	-	<b>21.053</b>

\*For the P-3a, Title represents the Modification Number / Title.

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

**Justification:**  
 FY 2015 Base procurement dollars in the amount of \$2.089 million supports the Active Army by procuring 800 M205 tripods and providing M197 Modification Work Order (MWO) Kits and M192 MWO kits to modify fielded system. The M205 Tripod reduces the Soldier's burden by providing a stable firing platform at 16 lbs (32%) less than the current M3. The M205 Tripod also 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. As a new start in FY 2015 the M197 MWO Kit will upgrade the existing M197 Vehicle Mounts to add a link/spent case deflector and ammo handling system. These upgrades provide capability improvements addressing issues that Soldiers have identified as shortcomings of the current system. Also a new start in FY 2015 is the M192 MWO Kit which, when provided, delivers a system improvement to this lightweight tripod. Fielded in 2005, the M192 is no longer compatible with the various body armor designs fielded in recent years. The M192 MWO Kit will address identified shortcomings in the design and provide increased height of the pintle as well as improved performance of the traversing and elevation mechanism.

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**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>										<b>Date:</b> March 2014		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20				<b>P-1 Line Item Number / Title:</b> GC0925 / Modifications Less Than \$5.0m (WOCV-WTCV)						<b>Modification Number / Title:</b> GC0925 / Modifications Less Than \$5.0M		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	0.300	3.068	1.569	2.089	-	2.089	3.768	3.211	3.521	3.527	-	21.053
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	0.300	3.068	1.569	2.089	-	2.089	3.768	3.211	3.521	3.527	-	21.053
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>0.300</b>	<b>3.068</b>	<b>1.569</b>	<b>2.089</b>	<b>-</b>	<b>2.089</b>	<b>3.768</b>	<b>3.211</b>	<b>3.521</b>	<b>3.527</b>	<b>-</b>	<b>21.053</b>

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

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

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

**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**

<b>Date</b>	<b>Title</b>	<b>Description</b>
Aug 2011	Production Verification Test	XM205 Tripod
Aug 2011	Operational Test	XM205 Tripod
Aug 2012	Type Classification - Standard	XM205 Tripod
Oct 2013	First Unit Equipped	XM205 Tripod



**UNCLASSIFIED**

Exhibit P-3a, Individual Modification: PB 2015 Army								Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 2033A / 02 / 20				P-1 Line Item Number / Title: GC0925 / Modifications Less Than \$5.0m (WOCV-WTCV)				Modification Number / Title: GC0925 / Modifications Less Than \$5.0M					
Models of Systems Affected: Small Arms Weapons			Modification Type: Increase performance				Related RDT&E PEs:						
Financial Plan	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
<b>Procurement</b>													
<b>Modification Item 1 of 3: Tripods</b>													
B Kits													
Recurring													
Tripods	100 / 0.200	1,017 / 2.447	479 / 1.185	800 / 1.688	- / -	800 / 1.688	402 / 0.886	- / -	- / -	- / -	- / -	2,798 / 6.406	
Engineering, ILS, TPF Support	0 / 0.100	- / 0.621	- / 0.384	- / 0.351	- / -	- / 0.351	- / 0.610	- / -	- / -	- / -	- / -	- / 2.066	
<b>Subtotal: Recurring</b>	<b>- / 0.300</b>	<b>- / 3.068</b>	<b>- / 1.569</b>	<b>- / 2.039</b>	<b>- / -</b>	<b>- / 2.039</b>	<b>- / 1.496</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 8.472</b>	
<b>Subtotal: Tripods</b>	<b>100 / 0.300</b>	<b>1,017 / 3.068</b>	<b>479 / 1.569</b>	<b>800 / 2.039</b>	<b>- / -</b>	<b>800 / 2.039</b>	<b>402 / 1.496</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>2,798 / 8.472</b>	
<b>Modification Item 2 of 3: M197 MWO Kits</b>													
B Kits													
Recurring													
M197 MWO Kits	- / -	- / -	- / -	37 / 0.025	- / -	37 / 0.025	1,000 / 0.660	631 / 0.455	633 / 0.470	- / -	- / -	2,301 / 1.610	
ESIP, ILS, HRED, TPF support	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.511	- / 0.329	- / 0.377	- / 0.888	- / -	- / 2.105	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 0.025</b>	<b>- / -</b>	<b>- / 0.025</b>	<b>- / 1.171</b>	<b>- / 0.784</b>	<b>- / 0.847</b>	<b>- / 0.888</b>	<b>- / -</b>	<b>- / 3.715</b>	
<b>Subtotal: M197 MWO Kits</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>37 / 0.025</b>	<b>- / -</b>	<b>37 / 0.025</b>	<b>1,000 / 1.171</b>	<b>631 / 0.784</b>	<b>633 / 0.847</b>	<b>- / 0.888</b>	<b>- / -</b>	<b>2,301 / 3.715</b>	
<b>Modification Item 3 of 3: M192 MWO Kits</b>													
B Kits													
Recurring													
M192 MWO Kits	- / -	- / -	- / -	44 / 0.025	- / -	44 / 0.025	880 / 0.490	2,760 / 1.587	3,136 / 1.853	2,984 / 1.816	- / -	9,804 / 5.771	
ESIP, ILS, TPF, HRED support	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.611	- / 0.840	- / 0.821	- / 0.823	- / -	- / 3.095	
<b>Subtotal: Recurring</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / 0.025</b>	<b>- / -</b>	<b>- / 0.025</b>	<b>- / 1.101</b>	<b>- / 2.427</b>	<b>- / 2.674</b>	<b>- / 2.639</b>	<b>- / -</b>	<b>- / 8.866</b>	
<b>Subtotal: M192 MWO Kits</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>44 / 0.025</b>	<b>- / -</b>	<b>44 / 0.025</b>	<b>880 / 1.101</b>	<b>2,760 / 2.427</b>	<b>3,136 / 2.674</b>	<b>2,984 / 2.639</b>	<b>- / -</b>	<b>9,804 / 8.866</b>	
<b>Subtotal: Procurement, All Modification Items</b>	<b>100 / 0.300</b>	<b>1,017 / 3.068</b>	<b>479 / 1.569</b>	<b>881 / 2.089</b>	<b>- / -</b>	<b>881 / 2.089</b>	<b>2,282 / 3.768</b>	<b>3,391 / 3.211</b>	<b>3,769 / 3.521</b>	<b>2,984 / 3.527</b>	<b>- / -</b>	<b>14,903 / 21.053</b>	
<b>Installation</b>													
<b>Modification Item 1 of 3: Tripods</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 2 of 3: M197 MWO Kits</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Modification Item 3 of 3: M192 MWO Kits</b>	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
<b>Subtotal: Installation</b>	<b>0 / 0.000</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	<b>- / -</b>	
<b>Total</b>													
<b>Total Cost (Procurement + Support + Installation)</b>	<b>0.300</b>	<b>3.068</b>	<b>1.569</b>	<b>2.089</b>	<b>-</b>	<b>2.089</b>	<b>3.768</b>	<b>3.211</b>	<b>3.521</b>	<b>3.527</b>	<b>-</b>	<b>21.053</b>	

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0925 / Modifications Less Than \$5.0m (WOCV-WTCV)	<b>Modification Number / Title:</b> GC0925 / Modifications Less Than \$5.0M

**Modification Item 1 of 3:** Tripods

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD      Manufacturer Location: TBD

Administrative Leadtime (in Months): 8      Production Leadtime (in Months): 10

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates	Jun 2014	Jun 2014	May 2015	Mar 2016	Feb 2017	Apr 2018	Apr 2019
Delivery Dates	Mar 2015	Mar 2015	Mar 2016	Aug 2016	Jun 2017	Jan 2019	Aug 2019

**Installation Information**

**Method of Implementation:** Installed by Soldiers

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0925 / Modifications Less Than \$5.0m (WOCV-WTCV)	<b>Modification Number / Title:</b> GC0925 / Modifications Less Than \$5.0M

**Modification Item 2 of 3:** M197 MWO Kits

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD

Manufacturer Location: TBD

Administrative Leadtime (in Months): 17

Production Leadtime (in Months): 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Feb 2016	Apr 2016	Mar 2017	Feb 2018	Feb 2019
Delivery Dates			Aug 2016	Oct 2016	Sep 2017	Aug 2018	Aug 2019

**Installation Information**

**Method of Implementation:** Installed by Soldiers

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-3a, Individual Modification: PB 2015 Army</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A / 02 / 20	<b>P-1 Line Item Number / Title:</b> GC0925 / Modifications Less Than \$5.0m (WOCV-WTCV)	<b>Modification Number / Title:</b> GC0925 / Modifications Less Than \$5.0M

**Modification Item 3 of 3:** M192 MWO Kits

**Modification Item MDAP/MAIS Code:**

**Manufacturer Information**

Manufacturer Name: TBD

Manufacturer Location: TBD

Administrative Leadtime (in Months): 17

Production Leadtime (in Months): 6

Dates	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Contract Dates			Feb 2016	May 2016	Apr 2017	Feb 2018	Feb 2019
Delivery Dates			Aug 2016	Nov 2016	Oct 2017	Aug 2018	Aug 2019

**Installation Information**

**Method of Implementation:** Installed by Soldiers

Installation Cost	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)
Prior Years	0 / 0.000	- / 0.000	- / 0.000	- / 0.000	- / -	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
FY 2013	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2014	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2016	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2017	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2018	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2019	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

**Installation Schedule**

	PYS	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities	<b>P-1 Line Item Number / Title:</b> GL3200 / Items Less Than \$5.0m (WOCV-WTCV)
--	---

ID Code (A=Service Ready, B=Not Service Ready) : B	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	121.925	2.023	2.024	2.005	-	2.005	2.013	2.013	-	2.979	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	121.925	2.023	2.024	2.005	-	2.005	2.013	2.013	-	2.979	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>121.925</b>	<b>2.023</b>	<b>2.024</b>	<b>2.005</b>	<b>-</b>	<b>2.005</b>	<b>2.013</b>	<b>2.013</b>	<b>-</b>	<b>2.979</b>	<b>Continuing</b>	<b>Continuing</b>
<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)	-	-	-	-	-	-	-	-	-	-	-	-

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

**Description:**

Program provides for the procurement of small arms and auxiliary components such as combat optics, protective lens coatings for optics, fire controls, suppressors, powered rails, 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 Pistols, GO Pistols, 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. Funding will also purchase world class marksmanship weapons and accessories to support the Army Marksmanship Unit (AMU) in maintaining and procuring the specialized target rifles, pistols and accessories: Air Rifles, 22 cal Pistols, Shooting glasses and scopes, Free Pistols, Shot Guns and bolt action rifles. Funding allocated for the AMU will be approximately \$0.100 million per year.

**Justification:**

FY 2015 Base procurement dollars in the amount of \$2.005 million supports the Active Army by providing the funding for stand-alone shotguns and enhanced capabilities for the designated marksmen found in each infantry fire team. The funding also supports the AMU. The AMU competes worldwide on a regular basis. The man/weapon interface at this competitive level is important. Between competitions the AMU is firing constantly to hone their skills and maintain their competitive edge. Weapons of all types are fired and the weapons exceed their stated effective life projections faster. This requires an extremely high level of maintenance, therefore, the weapons must be coded out and replaced regularly. Supports the Active Army.

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

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities

**P-1 Line Item Number / Title:**  
 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:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	436.566	9.232	10.108	8.911	-	8.911	9.101	9.259	8.948	9.128	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	436.566	9.232	10.108	8.911	-	8.911	9.101	9.259	8.948	9.128	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>436.566</b>	<b>9.232</b>	<b>10.108</b>	<b>8.911</b>	<b>-</b>	<b>8.911</b>	<b>9.101</b>	<b>9.259</b>	<b>8.948</b>	<b>9.128</b>	<b>Continuing</b>	<b>Continuing</b>
<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)	-	-	-	-	-	-	-	-	-	-	-	-

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

**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 (GD-ATP), Saco, ME. The Layaway of Industrial Facilities (LIF) funding support necessary or unique equipment at arsenals.

Project Schedule		ID CD	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Project	Exhibits		Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)	Total Cost (\$ M)
Production Support			-	8.656	9.506	8.292	-	8.292
GD-ATP/Watervliet/ Rock Island PBS Provisioning of Industrial Facilities			-	0.029	0.023	0.023	-	0.023
Hot & Cold Forge emergency repairs and maintenance.	P25		-	0.029	0.023	0.023	-	0.023

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities	<b>P-1 Line Item Number / Title:</b> 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 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			-	2.135	2.365	2.383	-	2.383
Large Capacity Mills (Small Arms) and laboratory relocation	P25		-	2.135	2.365	2.383	-	2.383
Watervliet Arsenal			-	2.135	2.365	2.383	-	2.383
Machine Equipment installation with site preparation.	P25		-	2.135	2.365	2.383	-	2.383
ATEC Test Range Instrumentation			-	4.357	4.753	3.503	-	3.503
Instrumentation for production testing of WTCV systems.	P25		-	4.357	4.753	3.503	-	3.503
<i>(Uncategorized)</i>			418.539	0.576	0.602	0.619	-	0.619
Watervliet			418.539	0.576	0.602	0.619	-	0.619
Layaway of Industrial Facilities (LIF)			418.539	0.576	0.602	0.619	-	0.619
<b>Total Gross/ Weapon System Cost</b>			<b>418.539</b>	<b>9.232</b>	<b>10.108</b>	<b>8.911</b>	-	<b>8.911</b>

\*For the P-17 and P-25, 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 P-26, 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 P-17, P-25 and P-26 projects are shown in the project schedule, not all projects will have a corresponding exhibit. A P-17 or P-25 exhibit is only included if data beyond the Project Number, Project Title and Cost are included (for example: for the P-17, Description, Manufacturer, etc.; for the P-25, Narrative Explanation, Cost Elements, Principle Milestones, etc.). A P-26 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:**  
 FY 2015 Base procurement dollars in the amount of \$8.911 million support the PIF and LIF programs. The PIF funding will 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 of government owned equipment used in the production of gun barrels for small caliber weapons such as the MK19 Grenade Launcher and the M2 Machine Gun and the M242 Bushmaster Chain Gun. PIF projects are essential in fulfilling current and projected operations requirements. The upgrade and modernization of facilities and equipment at Rock Island Arsenal based on a five year plan is critical for the Army to meet both small arms and medium caliber weapon requirements supporting future peacetime requirements.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities		<b>P-1 Line Item Number / Title:</b> GC0050 / Production Base Support (WOCV-WTCV)
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<p>Benefits of this effort include the ability to maintain lower unit costs for production items. The Layaway of Industrial Facilities efforts at all facilities preserve 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 no longer needed. Economies derived from this effort benefit the entire Army.</p> <p>PIF funding directly supports production of small caliber weapons systems, large caliber weapons systems and combat service support manufacturing 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; HUMVEE Ambulance kits, and Line of Communication Bridge components). 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 RIA's 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 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 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 state-of-the-art equipment to produce medium to large caliber weapons. The goal in replacing this equipment is to process cannon components to meet current and future production needs of cannon. Replacing the equipment will keep WVA technologically current and provide the added ability and flexibility to address new cannon configurations and designs. With replacement equipment new sources of service support and spare parts will be readily available. This will ensure flexible response to the Army's changing needs.</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>		



**UNCLASSIFIED**

**Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2015 Army** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 02 / 30 **P-1 Line Item Number / Title:**  
GC0050 / Production Base Support (WOCV-WTCV)

**Project Title:** Hot & Cold Forge emergency repairs and maintenance. **Project Number:** U7668 **Project Category:** Production Support

**End Item Supported Model:** **Annual Capacity Before / After (1-8-5):** /

Cost Elements <i>(\$ in Millions)</i>	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	<b>Facility Name:</b> GD-ATP/Watervliet/Rock Island PBS Provisioning of Industrial Facilities <b>Facility Location:</b> Saco, ME <b>Facility Type (GOGO, GOCO, COCO):</b> GOGO							
A. Construction Cost	-	-	-	-	-	<b>Principal Milestones</b> <span style="float: right;"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:							
B. Equipment Cost	0.020	0.018	0.018	-	0.018								
C. Equipment Installation Cost	0.009	0.005	0.005	-	0.005								
D. Contractor Support Cost	-	-	-	-	-								
E. Corps of Engineers Support Cost	-	-	-	-	-								
F. Other In-House Support Cost	-	-	-	-	-								
G. Total Facility Project Cost	-	-	-	-	-								
H. Other Costs	-	-	-	-	-								
Total Project Cost	0.029	0.023	0.023	-	0.023								
							Related Projects						
							Project Number	Title	FY & Appn	Value <i>(\$ M)</i>	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.

**UNCLASSIFIED**

**Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2015 Army** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 02 / 30 **P-1 Line Item Number / Title:**  
GC0050 / Production Base Support (WOCV-WTCV)

**Project Title:** Large Capacity Mills (Small Arms) and laboratory relocation **Project Number:** U7669 **Project Category:** Production Support

**End Item Supported Model:** **Annual Capacity Before / After (1-8-5):** /

Cost Elements <i>(\$ in Millions)</i>	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	<b>Facility Name:</b> Rock Island Arsenal - JMTC <b>Facility Location:</b> Rock Island, IL <b>Facility Type (GOGO, GOCO, COCO):</b> GOGO							
A. Construction Cost	-	-	-	-	-	<b>Principal Milestones</b> <span style="float: right;"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:							
B. Equipment Cost	1.265	1.500	1.518	-	1.518								
C. Equipment Installation Cost	0.870	0.865	0.865	-	0.865								
D. Contractor Support Cost	-	-	-	-	-								
E. Corps of Engineers Support Cost	-	-	-	-	-								
F. Other In-House Support Cost	-	-	-	-	-								
G. Total Facility Project Cost	-	-	-	-	-								
H. Other Costs	-	-	-	-	-								
Total Project Cost	2.135	2.365	2.383	-	2.383								
<b>Related Projects</b>							<b>Project Number</b>	<b>Title</b>	<b>FY &amp; Appn</b>	<b>Value (\$ M)</b>	<b>Facing</b>	<b>Start Date</b>	<b>Compl Date</b>

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

**UNCLASSIFIED**

**Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2015 Army** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 02 / 30 **P-1 Line Item Number / Title:**  
GC0050 / Production Base Support (WOCV-WTCV)

**Project Title:** Machine Equipment installation with site preparation. **Project Number:** U7670 **Project Category:** Production Support

**End Item Supported Model:** **Annual Capacity Before / After (1-8-5):** /

Cost Elements <i>(\$ in Millions)</i>	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	<b>Facility Name:</b> Watervliet Arsenal <b>Facility Location:</b> Watervliet, NY <b>Facility Type (GOGO, GOCO, COCO):</b> COCO							
A. Construction Cost	-	-	-	-	-	<b>Principal Milestones</b> <span style="float: right;"><b>Month &amp; Year</b></span> Concept Design Complete: Final Design Complete: Initial/Final Project Award: Construction Complete: Equipment Installation Complete: Prove Out Begins: Prove Out Complete:							
B. Equipment Cost	1.265	1.500	1.518	-	1.518								
C. Equipment Installation Cost	0.870	0.865	0.865	-	0.865								
D. Contractor Support Cost	-	-	-	-	-								
E. Corps of Engineers Support Cost	-	-	-	-	-								
F. Other In-House Support Cost	-	-	-	-	-								
G. Total Facility Project Cost	-	-	-	-	-								
H. Other Costs	-	-	-	-	-								
Total Project Cost	2.135	2.365	2.383	-	2.383								
							Related Projects						
							Project Number	Title	FY & Appn	Value <i>(\$ M)</i>	Facing	Start Date	Compl Date

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

**UNCLASSIFIED**

**Exhibit P-25, Production Support and Industrial Facilities Cost Analysis: PB 2015 Army** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 2033A / 02 / 30 **P-1 Line Item Number / Title:** GC0050 / Production Base Support (WOCV-WTCV)

**Project Title:** Instrumentation for production testing of WTCV systems. **Project Number:** GC2001 **Project Category:** Production Support

**End Item Supported Model:** All WTCV Systems **Annual Capacity Before / After (1-8-5):** /

Cost Elements <i>(\$ in Millions)</i>	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Facility Name: ATEC Test Range Instrumentation Facility Location: Yuma, AZ; Aberdeen, MD; White Sands, NM Facility Type (GOGO, GOCO, COCO): GOGO						
						Principal Milestones		Month & Year				
A. Construction Cost	-	-	-	-	-	Concept Design Complete:						
B. Equipment Cost	4.357	4.753	3.503	-	3.503	Final Design Complete:						
C. Equipment Installation Cost	-	-	-	-	-	Initial/Final Project Award:		Oct 2012 / Mar 2013				
D. Contractor Support Cost	-	-	-	-	-	Construction Complete:						
E. Corps of Engineers Support Cost	-	-	-	-	-	Equipment Installation Complete:		Oct 2013				
F. Other In-House Support Cost	-	-	-	-	-	Prove Out Begins:		Oct 2013				
G. Total Facility Project Cost	-	-	-	-	-	Prove Out Complete:		Dec 2013				
H. Other Costs	-	-	-	-	-	<b>Related Projects</b>						
Total Project Cost	4.357	4.753	3.503	-	3.503	<b>Project Number</b>	<b>Title</b>	<b>FY &amp; Appn</b>	<b>Value (\$ M)</b>	<b>Facing</b>	<b>Start Date</b>	<b>Compl Date</b>

**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 (YPG), AZ. At ATC, replaces vehicle data communication interfaces and advanced sensors for automotive performance and endurance testing; procures instrumentation for accurate and timely monitoring of divers for safety during underwater support missions such as swim course surveys and retrieving lost test items; procures high speed laser scanners to provide a complete 3-D models of sub-systems or parts for comparison to physical dimension tolerances as stipulated in engineering drawings; upgrades mobile dynamometer control systems for programmable dynamometer control using vehicle speed, drawbar force, and drawbar power as input parameters used for power-train, winch and fuel consumption testing and replaces aging high speed digital cameras used to document test events. At WSMR, provides badly needed upgrades to aged nuclear effects simulators used to test weapon system survivability and provides upgrades to the Semiconductor Test Laboratory used to characterize electronic piece-parts (complex integrated circuits such as microprocessors) to determine their vulnerability to and survivability in nuclear weapons and space radiation environments. At YPG, purchases on-board data acquisition and recording equipment for collecting vehicle performance data in harsh desert environments; purchases pyroshock accelerometers, blast over pressure gages, infrared flash detectors and triggers and various types of displacement transducers used to assess weapons ballistic performance; procures replacement power amplifiers in the vibration test facility supporting shock and vibration tests and also upgrades instrumentation and test fixtures in the vibration test facility used to simulate field shock and vibration environments; procures high speed digital cameras for capturing test events and procures low cost, rapidly deployable earth filled walls/structures to protect personnel and equipment during weapon firing test activities. The majority of the instrumentation being upgraded or replaced is obsolete and has met or exceeded its economic life. This instrumentation is required to ensure complete and accurate test data is collected and safety and environmental hazards are minimized. Benefits of this project include increased test efficiencies and decreased costs and risks to Army Program Managers.

**UNCLASSIFIED**

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

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities	<b>P-1 Line Item Number / Title:</b> GC0075 / Industrial Preparedness
--	--

ID Code (A=Service Ready, B=Not Service Ready) :	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	119.712	0.404	0.459	0.414	-	0.414	0.306	0.311	0.316	0.320	-	122.242
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	119.712	0.404	0.459	0.414	-	0.414	0.306	0.311	0.316	0.320	-	122.242
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>119.712</b>	<b>0.404</b>	<b>0.459</b>	<b>0.414</b>	<b>-</b>	<b>0.414</b>	<b>0.306</b>	<b>0.311</b>	<b>0.316</b>	<b>0.320</b>	<b>-</b>	<b>122.242</b>
<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)	-	-	-	-	-	-	-	-	-	-	-	-

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

**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 inspection 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:**

FY 2015 Base procurement dollars in the amount of \$ 0.414 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 self-propelled, towed and transportable 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.

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities

**P-1 Line Item Number / Title:**  
 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	108.045	2.375	1.267	1.682	-	1.682	2.511	2.554	2.779	2.784	-	123.997
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	108.045	2.375	1.267	1.682	-	1.682	2.511	2.554	2.779	2.784	-	123.997
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>108.045</b>	<b>2.375</b>	<b>1.267</b>	<b>1.682</b>	<b>-</b>	<b>1.682</b>	<b>2.511</b>	<b>2.554</b>	<b>2.779</b>	<b>2.784</b>	<b>-</b>	<b>123.997</b>

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

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

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

**Description:**

The Soldier Enhancement Program (SEP) was established by the National Defense Authorization Act for Fiscal Years 1990 and 1991. The purpose of the SEP is to evaluate readily available Commercial Off the Shelf (COTS), Government Off the Shelf (GOTS) and Non-Developmental Items (NDI) equipment to increase the combat effectiveness of the Soldier. This Soldier Enhancement Program WTCV provides a means of procuring lighter, more lethal infantry weapons and various types of equipment designed to increase Soldiers' survivability and lethality.

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	2.375	1.267	1.682	-	1.682	2.511	2.554	2.779	2.784
<b>Total:</b> Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	<b>2.375</b>	<b>1.267</b>	<b>1.682</b>	<b>-</b>	<b>1.682</b>	<b>2.511</b>	<b>2.554</b>	<b>2.779</b>	<b>2.784</b>

**Justification:**

FY2015 base procurement in the amount of \$1.682 million supports procurement (COTS/GOTS/NDI) of approved hardware for the purpose of a SEP evaluation only as well as limited post evaluation procurement of successful SEP initiatives. This reduces the time required to field capabilities initiated under SEP. Items in this category include COTS/GOTS/NDI small arms, individual and crew served weapons components, sights, and accessories.

**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 02: Weapons and Other Combat Vehicles / BSA 30: Support Equipment & Facilities	<b>P-1 Line Item Number / Title:</b> GC0076 / Small Arms Equipment (Soldier Enh Prog)	
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<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>		

**UNCLASSIFIED**

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

**Appropriation / Budget Activity / Budget Sub Activity:**  
2033A: Procurement of W&TCV, Army / BA 03: Spare and Repair Parts / BSA 10: Spares

**P-1 Line Item Number / Title:**  
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

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>To Complete</b>	<b>Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	366.548	22.176	-	-	-	-	-	-	-	-	-	388.724
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	366.548	22.176	-	-	-	-	-	-	-	-	-	388.724
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>366.548</b>	<b>22.176</b>	-	-	-	-	-	-	-	-	-	<b>388.724</b>

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

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

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

**Description:**

This program provides for the procurement of spares to support initial fielding of new or modified end items.

<b>Secondary Distribution</b>		<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>
Army	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	13.980	-	-	-	-	-	-	-	-
ANG	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	4.921	-	-	-	-	-	-	-	-
AR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	3.275	-	-	-	-	-	-	-	-
<b>Total: Secondary Distribution</b>	<b>Quantity</b>	-	-	-	-	-	-	-	-	-
	<b>Total Obligation Authority</b>	<b>22.176</b>	-	-	-	-	-	-	-	-

**Justification:**

FY 2015 has no funding.



**UNCLASSIFIED**

<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Army		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 2033A: Procurement of W&TCV, Army / BA 03: Spare and Repair Parts / BSA 10: Spares		<b>P-1 Line Item Number / Title:</b> GE0150 / Spares And Repair Parts (WTCV)
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) :	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b> 0211702A, 0211705A
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.		