

DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book
FY 2008 Global War on Terror Budget Estimate Submission Cost Adjustment

WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

APPROPRIATION

September 2007

DEPARTMENT OF THE ARMY
 FISCAL YEAR (FY) 2008 PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES PROGRAM GLOBAL WAR ON TERROR (GWOT)
 COST ADJUSTMENT

EXHIBIT P-1
 September 2007

APPROPRIATION: **PROCUREMENT OF W&TCV, ARMY**

Activity: 01. **Tracked Combat Vehicles**

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	(THOUSANDS OF DOLLARS)								
				FY 2008 Base		FY 2008 GWOT		FY 2008 GWOT Cost Adjustment		FY 2008 Total		
				QTY	COST	QTY	COST	QTY	COST	QTY	COST	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
	TRACKED COMBAT VEHICLES											
2	BRADLEY BASE SUSTAINMENT (G80718)	A			140,314		1,402,500		218,600			1,761,414
5	STRYKER VEHICLE (G85100)	B			1,038,984		402,775		1,627,805			3,069,564
	SUB-ACTIVITY TOTAL				1,179,298		1,805,275		1,846,405			4,830,978
	MODIFICATION OF TRACKED COMBAT VEHICLES											
8	CARRIER, MOD (GB1930)						132,220					132,220
9	FIST VEHICLE (MOD) (GZ2300)	B					130,000					130,000
10	BFVS SERIES (MOD) (GZ2400)				37,611		48,000		84,900			170,511
11	HOWITZER, MED SP FT 155MM M109A6 (MOD) (GA0400)	A			36,924				41,211			78,135
13	IMPROVED RECOVERY VEHICLE (M88 MOD) (GA0570)	A			36,826		277,400		43,061			357,287
17	JOINT ASSUALT BRIDGE (GZ3001)	A			12,927				38,400			51,327
18	M1 ABRAMS TANK (MOD) (GA0700)				588,979		337,565		251,020			1,177,564
20	ABRAMS UPGRADE PROGRAM (GA0750)						1,303,100		139,000			1,442,100
	SUB-ACTIVITY TOTAL				713,267		2,228,285		597,592			3,539,144
	ACTIVITY TOTAL				1,892,565		4,033,560		2,443,997			8,370,122

DEPARTMENT OF THE ARMY
 FISCAL YEAR (FY) 2008 PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES PROGRAM GLOBAL WAR ON TERROR (GWOT)
 COST ADJUSTMENT

EXHIBIT P-1
 September 2007

APPROPRIATION: **PROCUREMENT OF W&TCV, ARMY**

Activity: 02. **Weapons and other Combat Vehicles**

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	(THOUSANDS OF DOLLARS)								
				FY 2008 Base		FY 2008 GWOT		FY 2008 GWOT Cost Adjustment		FY 2008 Total		
				QTY	COST	QTY	COST	QTY	COST	QTY	COST	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
WEAPONS AND OTHER COMBAT VEHICLES												
23	HOWITZER, LIGHT, TOWED, 105MM, M119 (G01300)	A			48,902					17,600		66,502
25	M240 MEDIUM MACHINE GUN (7.62mm) (G13000)	A			37,096		42,721			18,820		98,637
26	MACHINE GUN, CAL .50 M2 ROLL (GB2000)				19,000		19,000			8,327		46,327
27	M249 SAW MACHINE GUN, 5.56MM (G12900)	A			35,335		1,784					37,119
28	MK-19 GRENADE MACHINE GUN (40mm) (G13400)	A			21,000		30,614					51,614
29	MORTAR SYSTEMS (G02200)				4,320		29,880			3,579		37,779
31	M107, CAL 50, SNIPER RIFLE (G01500)	A			417		402					819
32	XM320 GRENADE LAUNCHER MODULE (GLM) (G01501)	B			21,620		3,500					25,120
34	M4 CARBINE (G14904)	A			97,550		79,469					177,019
35	SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS) (G18300)	B			7,000		4,000					11,000
36	COMMON REMOTELY OPERATED WEAPONS STATION (CROWS) (G04700)	A					220,000					220,000
					-----		-----			-----		-----
	SUB-ACTIVITY TOTAL				292,240		431,370			48,326		771,936
MODIFICATION OF WEAPONS AND OTHER COMBAT VEHICLES												
40	M4 CARBINE MODS (GB3007)				13,696		125,115					138,811
41	M2 50 CAL MACHINE GUN MODS (GB4000)	B			17,173		9,000					26,173
42	M249 SAW MACHINE GUN MODS (GZ1290)				12,361		11,883			1,673		25,917

DEPARTMENT OF THE ARMY
 FISCAL YEAR (FY) 2008 PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES PROGRAM GLOBAL WAR ON TERROR (GWOT)
 COST ADJUSTMENT

EXHIBIT P-1
 September 2007

APPROPRIATION: **PROCUREMENT OF W&TCV, ARMY**

Activity: 02. **Weapons and other Combat Vehicles**

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	(THOUSANDS OF DOLLARS)								
				FY 2008 Base		FY 2008 GWOT		FY 2008 GWOT Cost Adjustment		FY 2008 Total		
				QTY	COST	QTY	COST	QTY	COST	QTY	COST	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
43	M240 SAW MACHINE GUN MODS (GZ1300)	A			10,177		2,648		623		13,448	
44	PHALANX MODS (GL1000)						150,000				150,000	
46	M16 RIFLE MODS (GZ2800)				3,900		1,845				5,745	
47	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) (GC0925)	A			2,791		7,054		14,400		24,245	
	SUB-ACTIVITY TOTAL				60,098		307,545		16,696		384,339	
	SUPPORT EQUIPMENT AND FACILITIES											
51	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) (GC0076)				5,424		7,697		505		13,626	
	SUB-ACTIVITY TOTAL				5,424		7,697		505		13,626	
	ACTIVITY TOTAL				357,762		746,612		65,527		1,169,901	
APPROPRIATION TOTAL						2,250,327		4,780,172		2,509,524		9,540,023

Table of Contents - Procurement of W&TCV, Army

BLIN	SSN	Nomenclature	Page
002	G80718	BRADLEY BASE SUSTAINMENT	1
005	G85100	STRYKER VEHICLE	8
008	GB1930	CARRIER, MOD	20
009	GZ2300	FIST VEHICLE (MOD)	24
010	GZ2400	BFVS SERIES (MOD)	29
011	GA0400	HOWITZER, MED SP FT 155MM M109A6 (MOD)	37
013	GA0570	IMPROVED RECOVERY VEHICLE (M88 MOD)	45
017	GZ3001	JOINT ASSAULT BRIDGE	50
018	GA0700	M1 ABRAMS TANK (MOD)	55
020	GA0750	ABRAMS UPGRADE PROGRAM	75
023	G01300	HOWITZER, LIGHT, TOWED, 105MM, M119	80
025	G13000	M240 Medium Machine Gun (7.62mm)	84
026	GB2000	MACHINE GUN, CAL .50 M2 ROLL	89
027	G12900	M249 SAW Machine Gun (5.56mm)	97
028	G13400	MK-19 Grenade Machine Gun (40mm)	102
029	G02200	Mortar Systems	107
031	G01500	M107, CAL. 50, SNIPER RIFLE	114
032	G01501	XM320 GRENADE LAUNCHER MODULE (GLM)	117
034	G14904	M4 Carbine	121
035	G18300	SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS)	125
036	G04700	Common Remotely Operated Weapons Station (CROWS)	130
040	GB3007	M4 CARBINE MODS	135
041	GB4000	M2 50 Cal Machine Gun MODS	153
042	GZ1290	M249 SAW Machine Gun MODS	159
043	GZ1300	M240 Medium Machine Gun MODS	175
044	GL1000	PHALANX MODS	187
046	GZ2800	M16 RIFLE MODS	192
047	GC0925	MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV)	200
051	GC0076	SMALL ARMS EQUIPMENT (SOLDIER ENH PROG)	210

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles
 P-1 Item Nomenclature: BRADLEY BASE SUSTAINMENT (G80718)

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

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				543							543
Gross Cost				1761.4							1761.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				1761.4							1761.4
Initial Spares											
Total Proc Cost				1761.4							1761.4
Flyaway U/C											
Weapon System Proc U/C				3.2							3.2

Description:
 The Bradley Base Sustainment Program (BBSP) recapitalizes (RECAP) earlier variants of the Bradley to A2 Operation Desert Storm (ODS) and A3 variant. The Bradley AS ODS provides greater lethality, survivability, and sustainability and teams with the M1A1 AIM (Abrams Integrated Management) tank. The Bradley A3 is also not only more lethal, survivable, sustainable but provides enhanced command and control, allows shared situational awareness and enemy/friendly force location. The Bradley A3 will maintain combat overmatch of current and future threat forces and teams with the M1A2 Abrams SEP (System Enhancement Program) tank capabilities. All systems will be acquired through the Bradley Integrated Management (BIM) process which is a partnership between the prime contractor (BAE Corp) and Red River Army Depot. The BIM process provides long-term sustainment and modernization of the Bradley Vehicle fleet.

Justification:
 FY2008 Global War on Terrorism (GWOT) procures 481 Bradley A3 RECAP vehicles in support of modularization and modernization of the Bradley fleet supporting the Army's Campaign Plan for the Heavy Brigade Combat Teams (HBCT). All procured vehicles will include Operation Iraqi Freedom (OIF) identified requirements for Counter Improvised Explosive Device (IED) Electronic Warfare and Blue Force Tracking (BFT).

FY2008 GWOT Cost Adjustment (CA) funds procures 62 Bradley A3 RECAP vehicles.

FY2008 Base Appropriation: \$140.314M (Qty 0)
 FY2008 GWOT Request: \$1,402.500M (Qty 481)
 FY2008 GWOT CA Request: \$218.600M (Qty 62)
 FY2008 Total: \$1,761.414M

Exhibit P-5, Weapon WTCV Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles			P-1 Line Item Nomenclature: BRADLEY BASE SUSTAINMENT (G80718)			Weapon System Type:			Date: September 2007			
WTCV Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY08 Base Appropriation														
Bradley Base Sustainment (A2)		A							92924					
Bradley Base Sustainment (A3)		A							47390					
FY08 Base Appropriation Total									140314					
FY08 GWOT Request														
Bradley Base Sustainment (A3)		A							1402500	481				
FY08 GWOT Request Total									1402500					
FY08 GWOT Cost Adjustment Request														
Bradley Base Sustainment (A3)		A							218600	62				
FY08 GWOT Cost Adjustment Request									218600					
Total									1761414					

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature
BRADLEY BASE SUSTAINMENT (M2A3) (G80717)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				543							543
Gross Cost				1668.5							1668.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				1668.5							1668.5
Initial Spares											
Total Proc Cost				1668.5							1668.5
Flyaway U/C											
Weapon System Proc U/C				3.1							3.1

Description:

The Bradley Base Sustainment Program for the M2/M3A3 Recapitalizes (RECAP) older variants of the Bradley into the A3 configuration. The A3 provides significant capability increases in the lethality, survivability, and sustainability over other Bradley platforms to retain combat overmatch. Specifically, the A3 conversion improves on the Operation Desert Storm (ODS) variant through the addition of two 2nd Generation Forward Looking Infrared (FLIR) devices, upgraded core electronics, improved ballistic fire control systems, enhanced command and control, situational awareness, and a collective Nuclear, Biological, and Chemical (NBC) protection system.

Justification:

FY2008 Global War on Terrorism (GWOT) procures 481 Bradley A3 RECAP vehicles in support of modularization and modernization of the Bradley fleet supporting the Army's Campaign Plan for the Heavy Brigade Combat Teams (HBCT). All procured vehicles will include Operation Iraqi Freedom (OIF) identified requirements for Counter Improvised Explosive Device (IED) Electronic Warfare and Blue Force Tracking (BFT).

FY2008 GWOT Cost Adjustment(CA) funds procures 62 Bradley A3 RECAP vehicles.

FY 2008 Base Appropriation: \$ 47.390M (Qty 0)
 FY 2008 GWOT Request: \$1,402.500M (Qty 481)
 FY 2008 GWOT CA Request: \$218.600M (Qty 62)
 FY 2008 Total: \$1,668.490M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY08 Base Appropriation													
Engineering - Government							13359						
Engineering - Contractor							19318						
Project Management Administration							7418						
Reimbursable Matrix Support							7295						
Total FY08 Base Appropriation							47390						
FY08 GWOT Request													
Vehicle	A						1054578	481	2192				
Forward Looking Infrared (FLIR)							90497						
Other GFE New							71706						
Other GFE Reman							7874						
Engineering - Contractor							34528						
Fielding							86746						
A3 Diagnostics							43900						
Training Devices							8000						
Test							4671						
Total FY08 GWOT Request							1402500						
FY08 GWOT Cost Adjustment Request													
Vehicle	A						135900	62	2192				
Forward Looking Infrared (FLIR)							11957						
Other GFE New							9499						
Other GFE Reman							1097						
Fielding							60147						
Total FY08 GWOT Cost Adjustment Request							218600						
Total:							1668490						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles		Weapon System Type:	P-1 Line Item Nomenclature: BRADLEY BASE SUSTAINMENT (M2A3) (G80717)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY08 GWOT Request FY 2008 Vehicle	BAE YORK PA	SS/FP	York, PA	Nov 07	Mar 09	481	2192	YES		
FY08 GWOT Cost Adjustment Request FY 2008 Vehicle	BAE YORK PA	SS/FP	York, PA	Nov 07	Mar 09	62	2192	YES		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles
 P-1 Item Nomenclature: STRYKER VEHICLE (G85100)

Program Elements for Code B Items: 0603653A/C03
 Code: B
 Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				589							589
Gross Cost				3069.6							3069.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				3069.6							3069.6
Initial Spares											
Total Proc Cost				3069.6							3069.6
Flyaway U/C											
Weapon System Proc U/C				5.2							5.2

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 BCT, 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) will support infantry units with screening obscurants, suppressive forces and on-call supporting fires. 120mm, 81mm, and 60mm mortars provide complimentary 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 fires.

Exhibit P-40, Budget Item Justification Sheet

Date:

September 2007

Appropriation / Budget Activity / Serial No:

Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature

STRYKER VEHICLE (G85100)

Program Elements for Code B Items:

0603653A/C03

Code:

B

Other Related Program Elements:

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.

Justification:

FY2008 Global War on Terrorism (GWOT) funding (\$402.775 million) procures additional Survivability Enhancements for Stryker Vehicles (both 1 inch Slat armor and Stryker Reactive Armor Tiles (SRAT)), Government Furnished Equipment (GFE) for projected battle losses, Vehicles for the in-theater Ready to Fight (RTF) fleet, Vehicles for Equipping Force Pool (EFP) and NBCRVs for non SBCT Chemical Companies.

FY 2008 Global War on Terrorism Cost Adjustment (CA) funds vehicles for Non-Stryker Brigade Combat Teams, NBCRVs for Chemical/Biological Defense Program (CBDP), and vehicles for Equipping Force Pool (EFP). This GWOT CA funding also funds Government Furnished Equipment (GFE) for projected battle losses, 2 Brigade Sets of SRAT, Remote Weapon Systems (RWS) floats, RTF FY09 Full Forward, and additional Survivability Enhancements for Stryker Vehicles (Hull Protection Kit/Tire Fires Kit).

FY 2008 Base Appropriation:	\$1,038.984M
FY 2008 GWOT Request:	\$402.775M
FY 2008 GWOT CA Request:	\$1,627.805M
FY2008 Total:	\$3,069.564M

Quantity	589 Vehicles
----------	--------------

Exhibit P-5, Weapon WTCV Cost Analysis													
Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles				P-1 Line Item Nomenclature: STRYKER VEHICLE (G85100)					Weapon System Type:		Date: September 2007		
WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY08 Base Appropriation													
-Infantry Carrier Vehicle (ICV)	A							51534	27	1909			
-ICV Block Improvements													
-Reconnaissance Vehicle (RV)	A												
-RV Block Improvements													
-Anti-Tank Guided Missile Vehicle (ATGM)	A												
-ATGM Block Improvements													
-Mortar Carrier (MC)	A												
-MC Block Improvements													
-Fire Support Vehicle (FSV)	A												
-FSV Block Improvements													
-Engineer Squad Vehicle (ESV)	A												
-ESV Block Improvements													
-Commander's Vehicle (CV)	A												
-CV Block Improvements													
-Medical Evacuation Vehicle (MEV)	A												
-MEV Block Improvements													
-NBC Reconnaissance Vehicle (NBCRV)	B							44802	18	2489			
-NBCRV Block Improvements													
-Mobile Gun System (MGS)	B							479879	87	5516			
-MGS Block Improvements													
Surv Enhancement (SRAT/DEK/SLAT/CBS)								105316					
GFE (ASIOE/COEI/AAL)								29023					
- Long Range Adv Scout Surveillance FS3													
- Long Range Adv Scout Surveillance RV													
- M707 Striker Mission Equipment Package													
Engineering Change Order (ECO)								9046					
Basic Issue Items (BII)								434					
- Government Test								15563					
- Contractor Support to Test								6394					
Comparison Evaluation													

Exhibit P-5, Weapon WTCV Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles			P-1 Line Item Nomenclature: STRYKER VEHICLE (G85100)			Weapon System Type:			Date: September 2007			
WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Refurbishment of Test Vehicles								3207					
Program Management Support (Govt)								43382					
Program Management Support (Contractor)								22522					
Logistics Support (Contractor)								15984					
System Fielding Support								55065					
Vehicle Retrofit/OIF Fixes								22794					
Initial Spares/ASL								15342					
Support Equipment (STTE)								5207					
Training Devices								23252					
System Technical Support (STS)								81751					
Software Support								8487					
Integrated Data Environment													
Pre-Planned Product Improvements													
Product Improvement Program													
Facilitization													
Mounted Mortar													
Digital Wiring Schematics													
National Maint Work Requirements (NMWR)													
FY08 GWOT Request													
-Infantry Carrier Vehicle (ICV)	A							51534	27	1909			
-ICV Block Improvements													
-Reconnaissance Vehicle (RV)	A							20325	10	2033			
-RV Block Improvements													
-Anti-Tank Guided Missile Vehicle (ATGM)	A							2883	1	2883			
-ATGM Block Improvements													
-Mortar Carrier (MC)	A							20632	7	2947			
-MC Block Improvements													
-Fire Support Vehicle (FSV)	A							4071	2	2036			
-FSV Block Improvements													
-Engineer Squad Vehicle (ESV)	A							6041	2	3021			
-ESV Block Improvements													
-Commander's Vehicle (CV)	A							2265	1	2265			

Exhibit P-5, Weapon WTCV Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles			P-1 Line Item Nomenclature: STRYKER VEHICLE (G85100)			Weapon System Type:		Date: September 2007				
WTCV Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
-CV Block Improvements													
-Medical Evacuation Vehicle (MEV)	A							5705	3	1902			
-MEV Block Improvements													
-NBC Reconnaissance Vehicle (NBCRV)	B							32357	13	2489			
-NBCRV Block Improvements													
-Mobile Gun System (MGS)	B							44127	8	5516			
-MGS Block Improvements													
Surv Enhancement (SRAT/DEK/SLAT/CBS)								69109					
GFE (ASIOE/COEI/AAL)								64514					
- Long Range Adv Scout Surveillance FS3													
- Long Range Adv Scout Surveillance RV													
- M707 Striker Mission Equipment Package													
Engineering Change Order (ECO)								3933					
Basic Issue Items (BII)								477					
- Government Test													
- Contractor Support to Test													
Comparison Evaluation													
Refurbishment of Test Vehicles													
Program Management Support (Govt)													
Program Management Support (Contractor)													
Logistics Support (Contractor)													
System Fielding Support								56917					
Vehicle Retrofit/OIF Fixes								4975					
Initial Spares/ASL								8790					
Support Equipment (STTE)								4120					
Training Devices													
System Technical Support (STS)													
Software Support													
Integrated Data Environment													
Pre-Planned Product Improvements													
Product Improvement Program													
Facilitization													

Exhibit P-5, Weapon WTCV Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles			P-1 Line Item Nomenclature: STRYKER VEHICLE (G85100)			Weapon System Type:			Date: September 2007			
WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Mounted Mortar													
Digital Wiring Schematics													
National Maint Work Requirements (NMWR)													
FY08 GWOT CA Request													
-Infantry Carrier Vehicle (ICV)	A							87799	46	1909			
-ICV Block Improvements													
-Reconnaissance Vehicle (RV)	A							22358	11	2033			
-RV Block Improvements													
-Anti-Tank Guided Missile Vehicle (ATGM)	A												
-ATGM Block Improvements													
-Mortar Carrier (MC)	A							58949	20	2947			
-MC Block Improvements													
-Fire Support Vehicle (FSV)	A							4071	2	2036			
-FSV Block Improvements													
-Engineer Squad Vehicle (ESV)	A							36247	12	3021			
-ESV Block Improvements													
-Commander's Vehicle (CV)	A							129316	56	2309			
-CV Block Improvements													
-Medical Evacuation Vehicle (MEV)	A							398055	231	1723			
-MEV Block Improvements													
-NBC Reconnaissance Vehicle (NBCRV)	B							12445	5	2489			
-NBCRV Block Improvements													
Mobile Gun System (MGS)	B												
-MGS Block Improvements													
Surv Enhancement (SRAT/DEK/SLAT/CBS)								720529					
GFE (ASIOE/COEI/AAL)								70209					
- Long Range Adv Scout Surveillance FS3													
- Long Range Adv Scout Surveillance RV													
- M707 Striker Mission Equipment Package													
Engineering Change Order (ECO)								11532					
Basic Issue Items (BII)								1812					
- Government Test													

Exhibit P-5, Weapon WTCV Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles			P-1 Line Item Nomenclature: STRYKER VEHICLE (G85100)			Weapon System Type:			Date: September 2007			
WTCV Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
- Contractor Support to Test													
Comparison Evaluation													
Refurbishment of Test Vehicles													
Program Management Support (Govt)													
Program Management Support (Contractor)													
Logistics Support (Contractor)													
System Fielding Support								51831					
Vehicle Retrofit/OIF Fixes								9677					
Initial Spares/ASL								10124					
Support Equipment (STTE)								2851					
Training Devices													
System Technical Support (STS)													
Software Support													
Integrated Data Environment													
Pre-Planned Product Improvements													
Product Improvement Program													
Facilitization													
Mounted Mortar													
Digital Wiring Schematics													
National Maint Work Requirements (NMWR)													
Total:								3069564					

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles		Weapon System Type:		P-1 Line Item Nomenclature: STRYKER VEHICLE (G85100)							
FY08 Base Appropriation											
FY 2008 Base	GM GDLS Defense Group L.L.C. Shelby Township, MI	SS/FFP	TACOM	Apr 08	May 09	27	1907	NA	NA		
FY 2008 Base	GM GDLS Defense Group L.L.C. Shelby Township, MI	SS/FFP	TACOM	Apr 08	Nov 09	18	2489	NA	NA		
FY 2008 Base	GM GDLS Defense Group L.L.C. Shelby Township, MI	SS/FFP	TACOM	Mar 08	Dec 09	87	5516	NA	NA		
FY08 GWOT Request											
FY 2008 GWOT	GM GDLS Defense Group L.L.C. Shelby Township, MI	SS/FFP	TACOM	Jun 08	May 09	53	2141	NA	NA		
FY 2008 GWOT	GM GDLS Defense Group L.L.C. Shelby Township, MI	SS/FFP	TACOM	Jun 08	May 10	13	2489	NA	NA		
FY 2008 GWOT	GM GDLS Defense Group L.L.C. Shelby Township, MI	SS/FFP	TACOM	Jun 08	Apr 10	8	5516	NA	NA		
FY08 GWOT CA Request											
FY 2008 GWOT CA	GM GDLS Defense Group L.L.C. Shelby Township, MI	SS/FFP	TACOM	Jun 08	May 09	378	1949	NA	NA		
FY 2008 GWOT CA	GM GDLS Defense Group L.L.C. Shelby Township, MI	SS/FFP	TACOM	Jun 08	Jun 10	5	2489	NA	NA		

REMARKS: Unit cost for Stryker vehicles is an average of all Stryker vehicle configurations procured on delivery orders issued in support of the respective fund source. Unit cost does not include Block Improvements

FY 10 / 11 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE STRYKER VEHICLE (G85100)	Date: September 2007
--	---	-------------------------

COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10												Calendar Year 11												
						O C 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	

FY08 GWOT Request																														
1	FY 08 GWOT	A	53	20	33	4	5	4	5	5	5	5																		0
1	FY 08 GWOT	A	13	0	13								3	2	2	2	2	2												0
1	FY 08 GWOT	A	8	0	8								1	1	1	1	1	1	1											0

FY08 Base Request																														
1	FY 08 Base	A	27	20	7	4	3																							0
1	FY 08 Base	A	18	0	18		3	3	3	3	3	3																		0
1	FY 08 Base	A	87	0	87			1	2	4	8	9	9	9	9	9	9	9												0
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	GM GDLS Defense Group L.L.C., Shelby Township, MI	20	240	675		1	Initial	8	7	13	20	IN FY08 Production leadtime for 8 of the Stryker variants is 13 months, for the NBCRV is 19 months and for the MGS is 21 months. Admin leadtime and Production leadtime are based on the 8 variants.
							Reorder	0	9	11	20	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 10 / 11 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE STRYKER VEHICLE (G85100)	Date: September 2007
--	---	-------------------------

COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10												Calendar Year 11												
						O C 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	

FY08 GWOT CA Request																															
1	FY 08 CA	A	378	170	208	33	33	22	34	32	28	26																		0	
1	FY 08 CA	A	5	0	5								1	1	1	1	1													0	
Total			589	210	379	41	44	30	44	44	44	44	13	13	13	13	13	13	10												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	GM GDLS Defense Group L.L.C., Shelby Township, MI	20	240	675		1	Initial	8	7	13	20	IN FY08 Production leadtime for 8 of the Stryker variants is 13 months, for the NBCRV is 19 months and for the MGS is 21 months. Admin leadtime and Production leadtime are based on the 8 variants.
							Reorder	0	9	11	20	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature
CARRIER, MOD (GB1930)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				317							317
Gross Cost				132.2							132.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				132.2							132.2
Initial Spares											
Total Proc Cost				132.2							132.2
Flyaway U/C											
Weapon System Proc U/C				0.4							0.4

Description:

The M113 Armored Personnel Carrier Family of Vehicles (FOV) consists of approximately 14,000 vehicles with 16 different variants in service in U.S. Army units. The M113 FOV is 40% of the tracked combat vehicle fleet in a Heavy Brigade Combat Team. The M113 FOV provides platforms for anti-tank, fire direction, smoke, mortar, cargo carrier and command & control systems. The fleet is expected to remain in service for the next 45 years and must be modified to increase mobility, and survivability. Enhancements to the M113 FOV also improves the reliability, sustainability, chemical protection, driver's night vision, fuel system, and Command Post Auxiliary Power Units. Also included in this program is the T150 Track providing approximately four times the track life of the T130 track reducing operations and support costs.

Justification:

FY08 Global War on Terror (GWOT) requested of \$132.2M are excess to needs.

FY 2008 Base request \$ -0-
 FY 2008 GWOT request \$132.220M (excess)
 FY 2008 Total \$132.220M

Exhibit P-40M, Budget Item Justification Sheet											Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles						P-1 Item Nomenclature CARRIER, MOD (GB1930)						
Program Elements for Code B Items:							Code:		Other Related Program Elements:			
Description		Fiscal Years										
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total	
Prior Year Closed Modifications												
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
A3 Conversions - GWOT												
1-84-05-4026	Oper Capability	0.0	0.0	132.2	0.0	0.0	0.0	0.0	0.0	0.0	132.2	
T-150 TRACK												
0-00-00-0000	Oper Capability	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Add-on Armor Upgrade (AOA)												
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Totals		0.0	0.0	132.2	0.0	0.0	0.0	0.0	0.0	0.0	132.2	

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): A3 Conversions - GWOT [MOD 2] 1-84-05-4026

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
A3 Upgrades					317	76.6													317	76.6
Equipment						43.8														43.8
Data																				
PM Support (Govt)						1.1														1.1
System Technical Support (Ctr)						6.3														6.3
Other																				
Pre Conversion/Modification						4.0														4.0
FDT																				
TPF/BII						0.4														0.4
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		132.2		0.0		0.0		0.0		0.0		0.0		0.0		132.2

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature
FIST VEHICLE (MOD) (GZ2300)

Program Elements for Code B Items:
0203735A

Code:
B

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				44							44
Gross Cost				130.0							130.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				130.0							130.0
Initial Spares											
Total Proc Cost				130.0							130.0
Flyaway U/C											
Weapon System Proc U/C											

Description:

The Bradley Fire Support Vehicle (BFIST) consists of two variants: M7 BFIST and A3 BFIST. BFIST replaces the aging M981 Fire Support Vehicle used for fire support planning, support, and execution for maneuver commanders. The fire support team is attached to a Mechanized Infantry or Armor company and is primarily responsible for developing and executing fire support plans that enable success on the battlefield. The BFIST allows fire support operations to be performed on the battlefield in vehicles with the same signature, survivability, and mobility as other Bradley's in the maneuver units it supports. The M7 variant integrates a fire support Mission Equipment Package (MEP) onto an Operation Desert Storm (ODS) variant chassis. The A3 BFIST takes advantage of Bradley A3 technology and capability advancements to embed much of the fire support MEP functionality; what is not embedded is added as an Engineering Change Proposal (ECP) to the chassis. Both variants of BFIST require the Fire Support Sensor System (FS3) which will replace the current targeting system as the sensor of choice of the Fire Support community. The FS3 provides increased range capability to detect, recognize and identify targets.

Justification:

FY2008 Global War on Terror (GWOT) procures and field 44 additional A3 BFIST vehicles in support of the Army's Campaign Plan for the Heavy Brigade Combat Teams (HBCT).

FY 2008 Base Request: \$.000M
 FY 2008 GWOT Request: \$130.000M
 FY 2008 Total: \$130.000M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY2008 GWOT													
Hardware Cost													
1. A3 BFIST Vehicle Production							96469	44	2192				
2. FLIR							9780						
3. GFE							11407						
SUBTOTAL							117656						
4. Engineering Production							5662						
5. Government Support							1587						
6. Fielding							3950						
7. Test & Evaluation							1145						
SUBTOTAL							12344						
Total:							130000						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles		Weapon System Type:		P-1 Line Item Nomenclature: FIST VEHICLE (MOD) (GZ2300)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. A3 BFIST Vehicle Production FY 2008 GWOT	BAE York PA	SS/FFP	USATACOM, Warren. Mi	Nov 07	Mar 09	44	2192	yes		

REMARKS: BFIST Vehicles are produced under the Bradley Base Sustainment vehicle production contract.

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE FIST VEHICLE (MOD) (GZ2300)	Date: September 2007
--	--	-------------------------

COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09														Calendar Year 10														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

1. A3 BFIST Vehicle Production																																
1	FY 08 G	A	44	0	44																											0
Total											12	12	12	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			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	BAE, York PA	12	25	82		1	Initial	0	2	16	18	BFIST Vehicles are produced under the Bradley Base Sustainment vehicle production contract.
							Reorder	0	0	0	0	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature
BFVS SERIES (MOD) (GZ2400)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				170.5							170.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				170.5							170.5
Initial Spares											
Total Proc Cost				170.5							170.5
Flyaway U/C											
Weapon System Proc U/C											

Description:

This program procures and supports application of modification kits for the family of Bradley Fighting Vehicle Systems (BFVS). The modifications include the addition of a Laser Range Finder, Position Navigation System and Equipment Restow Improvement. Operational improvements are the Vehicle Intercommunications System (VIS), the Digital Electronic Control Assembly (DECA) and the capability to apply Bradley Reactive Armor Tiles (BRAT). The High Priority Improvement Modification reflect evolutionary improvements to the BFVS vehicle which include: Blue Force Tracking (BFT), Solid State Hard Drives (SSHD), Chassis Modification Embedded Diagnostics (CMED), improved vehicle core electronics and fire controls and vehicular engine upgrade.

Justification:

The FY2008 Global War On Terrorism (GWOT) procures 148 Bradley Reactive Armor Tile (BRAT) to support the critical Force protection, survivability and counter projected Anti-Tank Guided Missile (ATGM).

The FY2008 Global War on Terrorism (GWOT) Cost Adjustment (CA) funding procures new components of the Bradley Urban Survivability Kit (BUSK) including 1,125 Explosively Formed Penetrator (EFP) Side Skirts, 1,115 Crew Survivability Seats and for Battle Loss increases. These are critical Force Protection components of the BUSK.

FY2008 Base Appropriation \$37.611M
 FY2008 GWOT Request \$48.000M
 FY2008 GWOT CA Request \$84.900M
 FY2008 Total \$170.511M

Exhibit P-40M, Budget Item Justification Sheet											Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles					P-1 Item Nomenclature BFVS SERIES (MOD) (GZ2400)							
Program Elements for Code B Items:								Code: A		Other Related Program Elements:		
Description		Fiscal Years										
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total	
Reactive Armor Tiles												
1-84-05-4038	Operational	0.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0	
Blue Force Tracking												
2-04-05-0004	Operational	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	
High Priority Improvements												
1-98-05-4550	Operational	0.0	0.0	113.5	0.0	0.0	0.0	0.0	0.0	0.0	113.5	
Totals		0.0	0.0	170.5	0.0	0.0	0.0	0.0	0.0	0.0	170.5	

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Reactive Armor Tiles [MOD 1] 1-84-05-4038

MODELS OF SYSTEM AFFECTED: Bradley of Family Vehicles Fleet

DESCRIPTION / JUSTIFICATION:
 Bradley Reactive Armor Tiles (BRAT) are one of the High Survivability improvements to the Bradley Fighting Vehicle System (BFVS). The tiles provide increased armor protection and crew survivability against shaped charge threats, including hand held Anti-tank Chemical Energy Shape Charges and other classes of warheads as specified in the BFVS material need area. There are 4 configurations of tiles covering the vehicle front, sides and turret.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):
 Critical Design Review: 3Q03
 Contractor Test and Evaluation: 1Q04
 Development Test and Evaluation: 1Q04
 Initial Operational Test and Evaluation: N/A
 IPR Production Decision: 1Q04
 TDP Available: Yes

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs										84	64											
Outputs										84	64											

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																					148	
Outputs																						148

METHOD OF IMPLEMENTATION: Troop Installed ADMINISTRATIVE LEADTIME: 2 months PRODUCTION LEADTIME: 12 months

Contract Dates: FY 2008 - Nov 2007 FY 2009 - N/A FY 2010 - N/A

Delivery Dates: FY 2008 - Nov 2008 FY 2009 - N/A FY 2010 - N/A

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Reactive Armor Tiles [MOD 1] 1-84-05-4038

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
FY2008 GWOT Request																				
Kit Quantity					148	47.0													148	47.0
Installation Kits																				
Other						1.0														1.0
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits							148												148	
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	148	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	148	0.0
Total Procurement Cost		0.0		0.0		48.0		0.0		0.0		0.0		0.0		0.0		0.0		48.0

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Blue Force Tracking [MOD 2] 2-04-05-0004

MODELS OF SYSTEM AFFECTED: Bradley Family of Vehicles Fleet

DESCRIPTION / JUSTIFICATION:

Blue Force Tracking (BFT) provides digital Force XXI Battle Command, Brigade-and-Below (FBCB2) Situational Awareness (SA) from the soldier/platform level up to Brigade-level. BFT provides real-time situational awareness and a Common Operating Picture (COP) with friendly and enemy unit graphic locations and target identification.

BFT is currently issued in a Thin Fielding package down to the Company Commander level and secondly as a Key Leader Option (KLO) package. BFT is currently being fielded to NON-Enhanced Positioning Location Radio System (EPLRS) based FBCB2 Army Units. The BFT System consists of a FBCB2 V4 Appliqué Computer, Precision Lightweight Global Positioning System Receiver (PLGR), Comtech MTS-2011 L-Band Transceiver, A-Kit Brackets and harness.

FY08 BFT fielding will support KLO fielding in selected units and OIF Rotational Units.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Requirements Document Complete Nov 02
First Unit Equipped (FUE) Mar 03

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs										72	72	72								
Outputs										72	72	72								

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Inputs																					216
Outputs																					216

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 6 months PRODUCTION LEADTIME: 12 months

Installation
Contract Dates: FY 2008 - Jan 08 FY 2009 - FY 2010 -
Delivery Dates: FY 2008 - Jan 09 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Blue Force Tracking [MOD 2] 2-04-05-0004

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
FY2008 Base Request																				
Kit Quantity					216	9.0													216	9.0
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits							216												216	
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	216	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	216	0.0
Total Procurement Cost		0.0		0.0		9.0		0.0		0.0		0.0		0.0		0.0		0.0		9.0

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: High Priority Improvements [MOD 3] 1-98-05-4550

MODELS OF SYSTEM AFFECTED: Bradley Family of Vehicles Fleet

DESCRIPTION / JUSTIFICATION:

The Bradley Fighting Vehicle Systems (BFVS) are expected to remain in service for the next 45 years. These vehicles represent the primary mechanized Infantry, Cavalry and Engineer forces complementary with the fielding of the Future Combat System. In order to remain viable and retain a strategic edge against ever-improving threat forces, several modifications will be incorporated on these systems. The production implementation of these improvements will be incorporated into the A3 production line, but vehicles built prior to the upgrades will require modifications based on spin-out technologies integrated into the platforms from Future Combat Systems (FCS) as well as current technologies, Chassis Modernization Embedded Diagnostics (CMED) and the Digital Vehicle Distribution Box (DVDB). The high priority Improvements has multiple mods, therefore, quantities are not listed as they will vary depending on individual vehicle configuration.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	To Complete	Totals	
																		FY 2012
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 2 months PRODUCTION LEADTIME: 6 months
 Contract Dates: FY 2008 - Nov 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - May 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): High Priority Improvements [MOD 3] 1-98-05-4550

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
FY2008 Base Request																				
Installation Kits						28.6														28.6
FY2008 GWOT CA Request																				
Installation Kits						84.9														84.9
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY2010 Equip-- Kits																				
2011 Equip -- kits																				
TOC Equip -- kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		113.5		0.0		0.0		0.0		0.0		0.0		0.0		113.5

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature
HOWITZER, MED SP FT 155MM M109A6 (MOD) (GA0400)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				78.1							78.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				78.1							78.1
Initial Spares											
Total Proc Cost				78.1							78.1
Flyaway U/C											
Weapon System Proc U/C											

Description:

This Howitzer Improvement Program provides for the procurement of approved modifications to the 155MM Self-Propelled Howitzer. The funding profile funds selected Paladin System Improvements and retrofits those improvements on to fielded Paladins. The program included the Modular Artillery Charge System (MACS) Storage and Handling modifications which provides accessibility, noise reduction, positive restraint, and accommodates for future longer projectiles such as Excalibur. It also includes the PDFCS modification that replaces the current Automatic Fire Control System (AFCS) computer, power conditioning unit, keypad, display, and muzzle velocity radar, which addresses obsolescence, reliability, and soldier burden issues as well as provide for integration of Excalibur.

Justification:

FY 2008 Global War on Terror Cost Adjustment (CA) funds 246 Paladin Digital Fire Control Systems (PDFCS).

FY 2008 Base Appropriation: \$36.924M
 FY 2008 GWOT Request: \$ 0
 FY 2008 GWOT CA Request: \$41.211M
 FY 2008 Total: \$78,135M

Exhibit P-40M, Budget Item Justification Sheet										Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles					P-1 Item Nomenclature HOWITZER, MED SP FT 155MM M109A6 (MOD) (GA0400)						
Program Elements for Code B Items:							Code:		Other Related Program Elements:		
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
Paladin/FAASV Integrated Management (PIM)											
0-00-00-0000		0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0
Howitzer Improvement Program - MACS Storage Racks											
1-81-05-1002	Unclassified	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	5.9
Howitzer Improvement Program - PDFCS											
1-81-05-1002	Unclassified	0.0	0.0	61.2	0.0	0.0	0.0	0.0	0.0	0.0	61.2
Totals		0.0	0.0	78.1	0.0	0.0	0.0	0.0	0.0	0.0	78.1

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Paladin/FAASV Integrated Management (PIM) [MOD 1] 0-00-00-0000

MODELS OF SYSTEM AFFECTED:

DESCRIPTION / JUSTIFICATION:

FY08 funding is for system improvement necessary to address all obsolescence, reliability, maintainability and supportability faced by the Paladin and Field Artillery Ammunition Supply Vehicle (FAASV) today and the near future to include: Power Train Upgrade; Suspension System; Electronic Sub-Systems to include the Next Generation Fire Control System, Navigation System, Communication/Data Transfer and Vehicle Health Management System; Improvement Gun Drive System to meet the needs of the future battlefield. Without this modernization program the Army will not be able to support and maintain the current combat fire support platform effectively to our war fighter.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Two sets of prototype vehicles to be developed for initial testing.

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs					4															
Outputs												4								

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		4
Outputs																		4

METHOD OF IMPLEMENTATION: STS Contract ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 23 months
 Contract Dates: FY 2008 - OCT 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - SEP 09 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Paladin/FAASV Integrated Management (PIM) [MOD 1] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Base Budget																				
Installation Kits					4	11.0													4	11.0
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits							4												4	
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	4	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	0.0
Total Procurement Cost		0.0		0.0		11.0		0.0		0.0		0.0		0.0		0.0		0.0		11.0

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Howitzer Improvement Program - MACS Storage Racks [MOD 2] 1-81-05-1002

MODELS OF SYSTEM AFFECTED: Howitzer, MED SP 155MM M109 Series (MOD)

DESCRIPTION / JUSTIFICATION:

FY08 funding is for system improvements necessary for the vehicle to operate and interface with other systems on the battlefield - Modular Artillery Charge System (MACS) Storage and Handling and Paladin Digital Fire Control System (PDFCS). Without the MACS Storage and Handling improvement, Paladin would not be able to store the required Modular Charges and would not be able to accommodate longer projectiles such as the Excalibur. The current Paladin ACU based fire control system is no longer producible because of parts obsolescence. Due to growing unreliability problems with aging hardware and a known vulnerability to high temperature environments, Paladin operation readiness and availability requirements are at risk. The current Paladin ACU based fire control system is experiencing a higher rate of failure as ambient temperature climbs during hot months, both CONUS and OCONUS. PDFCS fixes the reliability, and vulnerability of the current Paladin ACU computer. In addition, the current Paladin ACU based fire control system is unable to support urgent requirement to fire the Excalibur smart munition because the computer architecture is unable to support the needed additional capabilities. PDFCS is required for Excalibur integration into the system. Without these modernizations, the Army will not be able to provide the most combat effective fire support platform available to our war fighters.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

The M109A6 was approved for entry into full scale development in November 1984. At that time, DA decided to modify M109A2/A3 Howitzers to a HIP configuration. It was decided to merge the Howitzer Extended Life Program (HELP) in the HIP where kits from both programs would be applied to the M109A2/A3 Howitzer. The improved 155MM Self-Propelled Howitzer was approved for Type-Classification Low Rate Production (TC-LRP) and designated the M109A6 Howitzer following a Milestone III-A ASARC on 7 February 1990. In March 1993, a Milestone III Pre-ASARC review was chaired by the Assistant Secretary of the Army for Research, Development and Acquisition, and the M109A6 Paladin was approved for Type Classification - Standard and Full Rate Production and Deployment. This Milestone III is documented in Acquisition Decision Memorandum dated 9 April 1993. The Paladin production program completed deliveries of the multiyear contract ahead of schedule.

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs					19	19	19	18												
Outputs									19	19	19	18								
		FY 2012				FY 2013				FY 2014				FY 2015				To	Totals	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete		
Inputs																		75		
Outputs																		75		

METHOD OF IMPLEMENTATION: Production/Contract ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 12 months
 Contract Dates: FY 2008 - OCT 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - OCT 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Howitzer Improvement Program - MACS Storage Racks [MOD 2] 1-81-05-1002

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement																					
Base Budget																					
Kit Quantity					75	3.6													75	3.6	
Equipment, Nonrecurring																					
Engineering Change Orders																					
Matrix Personnel Support						0.2															0.2
Data						0.3															0.3
Training Equipment																					
Vehicular Intercom System																					
Project Mgmt Admin						0.5															0.5
Fielding						1.3															1.3
System Improvements																					
Installation of Hardware																					
FY 2005 & Prior Equip -- Kits																					
FY 2006 -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits							75													75	
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	0	0.0	0	0.0	0	0.0	75	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	75	0.0	
Total Procurement Cost		0.0		0.0		5.9		0.0		0.0		0.0		0.0		0.0		0.0			5.9

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Howitzer Improvement Program - PDFCS [MOD 3] 1-81-05-1002

MODELS OF SYSTEM AFFECTED: Howitzer, MED SP 155MM M109 Series (MOD)

DESCRIPTION / JUSTIFICATION:
 FY08 funding is for system improvements necessary for the vehicle to operate and interface with other systems on the battlefield - Modular Artillery Charge System (MACS) Storage and Handling and Paladin Digital Fire Control System (PDFCS). Without the MACS Storage and Handling improvement, Paladin would not be able to store the required Modular Charges and would not be able to accommodate longer projectiles such as the Excalibur. The current Paladin Automatic Computer Unit (ACU) based fire control system is no longer producible because of parts obsolescence. Due to growing unreliability problems with aging hardware and a known vulnerability to high temperature environments, Paladin operational readiness and availability requirements are at risk. The current Paladin ACU based fire control system is experiencing a higher rate of failure as ambient temperature climbs during hot months, both CONUS and OCONUS. PDFCS fixes the reliability, and vulnerability of the current Paladin ACU computer. In addition, the current Paladin ACU based fire control system is unable to support the urgent requirement to fire the Excalibur smart munition because the computer architecture is unable to support the needed additional capabilities. PDFCS is required for Excalibur integration into the system. Without these modernizations, the Army will not be able to provide the most combat effective fire support platform available to our war fighters.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):
 The M109A6 was approved for entry into full scale development in November 1984. At that time, DA decided to modify M109A2/A3 Howitzers to a HIP configuration. It was decided to merge the Howitzer Extended Life Program (HELP) in the HIP where kits from both programs would be applied to the M109A2/A3 Howitzer. The improved 155MM Self-Propelled Howitzer was approved for Type-Classification Low Rate Production (TC-LRP) and designated the M109A6 Howitzer following a Milestone III - A ASARC on 7 February 1990. In March 1993, a Milestone III Pre-ASARC review was chaired by the Assistant Secretary of the Army for Research, Development and Acquisition, and the M109A6 Paladin was approved for Type Classification - Standard and full rate production and deployment. This Milestone III is documented in Acquisition Decision Memorandum dated 9 April 1993. The Paladin production program completed deliveries of the multiyear contract ahead of schedule.

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs						91	91	91	92												
Outputs										91	91	91	92								

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		365
Outputs																		365

METHOD OF IMPLEMENTATION: Production / ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 12 months

Contractor

Contract Dates: FY 2008 - OCT 07 FY 2009 - FY 2010 -

Delivery Dates: FY 2008 - OCT 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Howitzer Improvement Program - PDFCS [MOD 3] 1-81-05-1002

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement																					
Base Budget																					
Kit Quantity					119	20.0													119	20.0	
FY08 GWOT CA																					
Kit Quantity					246	41.2													246	41.2	
Matrix Personnel Support																					
Data/Other																					
Training Equipment																					
Vehicular Intercom System																					
Project Mgmt Admin																					
Fielding																					
System Improvements																					
Installation of Hardware																					
FY 2005 & Prior Equip -- Kits																					
FY 2006 -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits							365													365	
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	0	0.0	0	0.0	0	0.0	365	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	365	0.0	
Total Procurement Cost		0.0		0.0		61.2		0.0		0.0		0.0		0.0		0.0		0.0		61.2	

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature
IMPROVED RECOVERY VEHICLE (M88 MOD) (GA0570)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				118							118
Gross Cost				357.3							357.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				357.3							357.3
Initial Spares											
Total Proc Cost				357.3							357.3
Flyaway U/C											
Weapon System Proc U/C				3.0							3.0

Description:

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

Justification:

FY2008 Global War on Terrorism (GWOT) dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

The FY2008 Global War on Terrorism (GWOT) Cost Adjustment (CA) funding (\$43.061 Million) funds the Repower effort (\$24.9M) and will procure 6 M88A2 HERCULES (\$ 18.161) utilizing the existing M88A1 chassis as the base vehicle and incorporating the new engine, auxiliary winch, constant pull main recovery winch, new hoist/boom, a new final drive and new brake, track and suspension systems increasing the horsepower, brake/steering, winch, lift and suspension characteristics which will allow the safe recovery of Abrams tanks and other 70 ton combat vehicles. Fulfills the Heavy Brigade Combat Team (HBCT) Army's Campaign Plan modularity objectives. The fielded M88A1 lacks the necessary horsepower and braking to safely support the recovery of the Abrams fleet. Improvements incorporated into HERCULES fix these operational shortcomings. In addition, the increased winching and lifting capability accommodates all Abrams variants including the 70 ton M1A2 System Enhancement Program (SEP). Without the improvements incorporated in the M88A2 HERCULES, units must use two recovery vehicles to perform the spectrum of recovery missions.

FY2008 Base Appropriation: \$36.826M
 FY2008 GWOT Request: \$277.400M
 FY2008 GWOT CA Request: \$43.061M
 FY2008 TOTAL \$357.287M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Tons	\$000	\$000	Tons	\$000	\$000	Tons	\$000	\$000	Tons	\$000
FY08 BASE Appropriation													
Vehicle Manufacturing - Contractor	A							28292	12	2358			
Vehicle Manufacturing - GFE								1410					
Contractor Engineering								2891					
Project Management - Core								1200					
Project Management - OGA								938					
Transportation								204					
Fielding (TPF & NET)								837					
Testing (incl analysis & development)													
Depot Maintenance - Premodification								1054					
FY08 BASE Appropriation TOTAL								36826					
FY08 GWOT Request													
Vehicle Manufacturing - Contractor	A							235536	100	2355			
Vehicle Manufacturing - GFE								11133					
Contractor Engineering								16726					
Transportation								1700					
Fielding (TPF & NET)								1642					
Testing (incl analysis & development)								2000					
Depot Maintenance - Premodification								8663					
FY08 GWOT Request TOTAL								277400					
FY08 GWOT CA Request													
Vehicle Manufacturing - Contractor	A							15526	6	2588			
Vehicle Manufacturing - GFE								1315					
Repower Effort - Retrofit								24900					
Transportation								102					
Fielding (TPF & NET)								637					
Depot Maintenance - Premodification								581					
FY08 GWOT CA Request TOTAL								43061					
Total:								357287					

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles		Weapon System Type:	P-1 Line Item Nomenclature: IMPROVED RECOVERY VEHICLE (M88 MOD) (GA0570)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle Manufacturing - Contractor										
FY 2008 Base Appro	BAE Systems York, PA	SS-FP	TACOM	Nov 07	Jan 09	12	2358	Yes		Sep 07
FY 2008 GWOT Reque	BAE Systems York, PA	SS-FP	TACOM	Nov 07	Jan 09	100	2355	Yes		Sep 07
FY 2008 GWOT CA	BAE Systems York, PA	SS-FP	TACOM	Nov 07	Jan 09	6	2588	Yes		Sep 07

REMARKS:

FY 08 / 09 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE IMPROVED RECOVERY VEHICLE (M88 MOD) (GA0570)	Date: September 2007
--	---	-------------------------

COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

Vehicle Manufacturing - Contractor																																			
1	FY 08 GWOT	A	100	0	100		A														8	8	9	9	9	9	8	8	8	24					
1	FY 08 G-CA	A	6	0	6		A														1	1	1	1	1	1				0					
1	FY 08 Base	A	12	0	12		A														1	1	1	1	1	1	1	1	1	3					
Total																																			
						118							118													10	10	11	11	11	11	9	9	9	27
						O C 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						

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	BAE Systems, York, PA	2	7	12	2	1	Initial	0	2	14	16	
							Reorder	0	2	14	16	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature
JOINT ASSAULT BRIDGE (GZ3001)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				14							14
Gross Cost				51.3							51.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				51.3							51.3
Initial Spares											
Total Proc Cost				51.3							51.3
Flyaway U/C											
Weapon System Proc U/C				3.7							3.7

Description:

The Joint Assault Bridge (JAB) is a joint program with the United States Marine Corps to mount the current Armored Vehicle Launched Bridge(AVLB) on an M1A1 chassis. The JAB replaces the existing M48/M60 chassis of the AVLB with the M1A1 chassis to provide a supportable, survivable system capable of keeping pace on the battlefield with the Abrams and Bradley equipped forces it supports. JAB will be assigned to Maneuver Augmentation Companies(MAC).

Justification:

The JAB is required to provide the Marine Air Ground Task Force and Army Heavy Brigade Combat Team with a survivable deployable and sustainable 18.3 Meter wet/dry gap crossing capability to replace the aging Armored Vehicle Launch Bridge (AVLB) system in the Mobility Augmentation Companies. The JAB is critical to the Army's plans for a modular, brigade-based force structure.

FY08 Global War on Terror (GWOT) Cost Adjustment (CA) funds procures 12 JABS.

FY08 Base Appropriation: \$12.927M
 FY08 GWOT CA Request: \$38.400M
 FY08 Total: \$51.327M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY2008 Base Appropriation													
Hardware(Base)							5700	2	2850				
Fielding Support							4500						
Matrix Support							2500						
Transportation							174						
ECPs							53						
Total Baseline							12927						
FY2008 GWOT Cost adjustment													
Hardware							34200	12	2850				
Bridge Upgrades							3700						
System Fielding							500						
Total GWOT Cost Adjustment							38400						
Total:							51327						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles			Weapon System Type:		P-1 Line Item Nomenclature: JOINT ASSAULT BRIDGE (GZ3001)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware(Base) FY 2008	Anniston Army Depot Anniston, AL	MIPR	Quantico, VA	Sep 08	Nov 09	2	2850	N/A	N/A	N/A
Hardware FY 2008	Anniston Army Depot Anniston, AL	MIPR	Quantico, VA	Sep 08	Nov 09	12	2850	N/A	N/A	N/a

REMARKS: This system is managed by the Marine Corps System Command. Launcher hardware will be procured through their contracting office. Integration of the launcher mechanism, M1A1 chassis, and bridge will be performed by Anniston Army Depot.

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature
M1 ABRAMS TANK (MOD) (GA0700)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				1177.6							1177.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				1177.6							1177.6
Initial Spares											
Total Proc Cost				1177.6							1177.6
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M1 Abrams Tank Fleet Modification program applies Materiel Developer and Combat Developer approved modifications to the fielded Abrams family of vehicles and the M1A1 Abrams Integrated Management (AIM) RECAP Program as well as the M1A2 Abrams "0" Time Overhaul Program (AIM Process). Situational Awareness (SA) incorporates System Enhancement Program (SEP) technologies into the M1A1 fleet from lessons learned during Operation Iraqi Freedom (OIF). Blue Force Tracking (BFT) is a digital command and Control system that gives Army commanders across the battlefield current information about their location relative to friendly forces. Survivability improvements include Frontal Armor and Turret Side Armor upgrades. Tank Urban Survivability Kit (TUSK) is an add on kit for M1A1 and M1A2 series tanks to increase crew survivability in urban environments. The Power Train Improvement & Integration Optimization Program (i.e. Total Integration Engine Revitalization (TIGER) and Transmission Enterprise) provides more reliability, durability and a single standard for the vehicle's power train. Key safety improvements include the Driver's Night Viewer, Halon to Dry Powder, inadvertent Fire Bottle, M829A3 Ballistic Solution and changes to prevent fires originating in the Nuclear, Biological and Chemical (NBC) filter system.

Justification:

The FY 2008 Global War on Terrorism (GWOT) will continue the modification effort on the Tank Urban Survivability Kit (TUSK) and Counter Improvised Explosive Device (cited) Programs.

The FY 2008 Global War on Terrorism Cost Adjustment (CA) funds 30 additional M1A1 Situational Awareness (SA) vehicles for Theater Sustainment Stock (TSS) to meet the demand of battle loss replacements. It will also procure critical components of the Tank Urban Survivability Kit (TUSK) such as Tank Infantry Phone installation kits and 50 Cal Remote Thermal Sights in support of Relief In Place Transfer of Authority (RIPTOA) and unit preparation in CONUS. Funds will also procure mine plows and rollers to be integrated on to the Abrams vehicles to detect minefields and provide the capability for neutralization of Anti-Tank land mines, in support of the deployed tactical formations.

FY 2008 Base Appropriation: \$588.979M
 FY 2008 GWOT Request: \$337.565M
 FY 2008 GWOT CA Request: \$251.020M
 FY 2008 Total: \$1,177.564M

Exhibit P-40M, Budget Item Justification Sheet										Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 1 / Tracked combat vehicles					P-1 Item Nomenclature M1 ABRAMS TANK (MOD) (GA0700)						
Program Elements for Code B Items:						Code:		Other Related Program Elements:			
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
Prior Year Closed Mod's											
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Abrams Field Upgrades											
1-97-05-4534	Operational	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
Abrams Integrated Management (AIM)											
2-04-05-0009	Operational	0.0	0.0	79.9	0.0	0.0	0.0	0.0	0.0	0.0	79.9
Driver's Hatch Interlock (DHI)											
1-97-05-4520	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NBC Fire Prevention											
1-97-05-4524	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Blue Force Tracking											
2-04-05-0007	Operational	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0
Other Operational Enhancements											
2-04-05-0011	Operational	0.0	0.0	52.6	0.0	0.0	0.0	0.0	0.0	0.0	52.6
Armor											
1-99-05-4555	Operational	0.0	0.0	80.4	0.0	0.0	0.0	0.0	0.0	0.0	80.4
Engineering Support											
0-00-00-0000	Operational	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	2.3
Situational Awareness/Tank Urban Survivability Kit											
2-04-05-0012	Operational	0.0	0.0	736.8	0.0	0.0	0.0	0.0	0.0	0.0	736.8
Power Pack Improvement & Integration Optimization											
2-04-05-0008	Operational	0.0	0.0	185.9	0.0	0.0	0.0	0.0	0.0	0.0	185.9
Advanced Ammunition Integration											
1-01-05-0011	Operational	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	2.7
Totals		0.0	0.0	1177.6	0.0	0.0	0.0	0.0	0.0	0.0	1177.6

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Abrams Field Upgrades [MOD 2] 1-97-05-4534

MODELS OF SYSTEM AFFECTED: M1A1 and M1A2 series

DESCRIPTION / JUSTIFICATION:

Provides funding for components and labor for required safety related modifications in support of the Abrams family of vehicles. These modifications correct or alleviate operational deficiencies, improve reliability and maintainability, correct faulty performance or quality, reduce logistical support requirements, standardize equipment, prevent injury or damage to equipment, and meet environmental protection standards identified during testing, training exercises or in combat. There are no set quantities; upgrades will be applied as needed for the duration of Abrams fielding. Quantities are not listed as they will vary depending on individual tank configuration.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Units ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months
 Contract Dates: FY 2008 - Jan 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Abrams Field Upgrades [MOD 2] 1-97-05-4534

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits						23.0														23.0
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	23.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	23.0
Total Procurement Cost		0.0		0.0		23.0		0.0		0.0		0.0		0.0		0.0		0.0		23.0

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Abrams Integrated Management (AIM) [MOD 3] 2-04-05-0009

MODELS OF SYSTEM AFFECTED: M1A1

DESCRIPTION / JUSTIFICATION:

This encompasses modifications in support of the M1A1 Abrams Integrated Management (AIM) [Depot Overhaul] Program. It includes replacement of halon in the tank engine compartment's fire extinguishers; the additions of Precision Lightweight GPS Receiver (PLGR) [to derive position by receiving and interpreting satellite signals]; Block G Mods [to correct problems found during live-fire testing]; Pulse-Jet System (PJS) to improve engine air filtration; and mitigation of electronics obsolescence by replacing the analog hull and turret network boxes with digital units. This modification will also be used for the M1A2 System Enhancement Program (SEP) "0" time overhaul program (AIM Process).

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Various - Milestones differ for individual Modifications noted above.

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs										13	15	15									
Outputs														13	15	15					

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals		
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Inputs																				43
Outputs																				43

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 2 months PRODUCTION LEADTIME: 23 months
 Contract Dates: FY 2008 - Nov 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Oct 09 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Abrams Integrated Management (AIM) [MOD 3] 2-04-05-0009

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Base Budget																				
M1A2 SEP AIM					13	33.6													13	33.6
FY08 GWOT Cost Adjustment																				
M1A1 AIM SA					30	46.3													30	46.3
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits									43										43	
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip -- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	43	0.0	0	0.0	0	0.0	0	0.0	0	0.0	43	0.0
Total Procurement Cost		0.0		0.0		79.9		0.0		0.0		0.0		0.0		0.0		0.0		79.9

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Blue Force Tracking [MOD 6] 2-04-05-0007

MODELS OF SYSTEM AFFECTED: Abrams FOV

DESCRIPTION / JUSTIFICATION:

Blue Force Tracking (BFT) is a digital Command and Control system that gives Army commanders across the battlefield current information about their location relative to friendly forces. Earth orbiting satellites transmit Global Positioning System (GPS) signals to the Precision Lightweight Global positioning System Receiver (PLGR) or Defense Advanced GPS Receiver (DAGR). The GPS data is then fed to the Force XX1 Battle Command - Brigade and Below (FBCB2) computer system which plots the precise location of each BFT equipped combat platform on a resident digital map. The enhanced situational awareness provided by BFT will reduce friendly fire incidents and increase combat effectiveness. There are no set quantities; Modifications will be applied as required by the deployment schedule.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Engineering development.....Planned: 2Q03 Accomplished: 2Q03
 TM Completion.....Planned: 4Q06
 MWO Completion.....Planned: 4Q06

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Contractor **ADMINISTRATIVE LEADTIME:** 3 months **PRODUCTION LEADTIME:** 0 months
 Contract Dates: FY 2008 - Jan 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Blue Force Tracking [MOD 6] 2-04-05-0007

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity																				
Installation Kits						14.0														14.0
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		14.0		0.0		0.0		0.0		0.0		0.0		0.0		14.0

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Other Operational Enhancements [MOD 7] 2-04-05-0011

MODELS OF SYSTEM AFFECTED: M1A1, M1A2

DESCRIPTION / JUSTIFICATION:

This modification includes an interim Auxiliary Power Unit (APU) solution that will power the tank's electrical systems without operating the main engine, an added stowage bracket and cover to accommodate two M4 Carbines, a profile verification program (PVP) and a Counter Remote Controlled Improvised Explosive Device Electronic Warfare (CREW) Integration Kit to enhance crew survivability. Other Operational modifications include the Continuous Electronic Enhancement Program (CEEP), Block 1 Forward Looking Infrared Receiver (FLIR), Ammunition Rack Upgrade, Improved Track, Enhanced Embedded Diagnostics, Condition Based maintenance Plus, Embedded Training, a Stabilized Commander's Weapon Station (SCWS), and plows and rollers. Quantities are not listed as they will vary depending on individual tank configuration. Contract date will likely also vary by item and cannot be predicted.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Items described above will have varying milestones and quantities.

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	To Complete	Totals	
																		FY 2012
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Contractor/Depot ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months
 Contract Dates: FY 2008 - Nov 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Other Operational Enhancements [MOD 7] 2-04-05-0011

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Base Budget																				
Installation Kits						51.1														51.1
FY08 GWOT Cost Adjustment																				
Plows and Rollers						1.5														1.5
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		52.6		0.0		0.0		0.0		0.0		0.0		0.0		52.6

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Armor [MOD 8] 1-99-05-4555

MODELS OF SYSTEM AFFECTED: Abrams FOV

DESCRIPTION / JUSTIFICATION:

This modification incorporates both Frontal Armor and Improved Side Armor to the M1A1 Abrams Tank. Frontal Armor significantly increases survivability to the soldiers in the field. Improved Side Armor provides better protection against rocket propelled grenade attacks on the turret sides of the crew compartment. Armor is provided by the Department of Energy (DOE). Note that application costs are included in the procurement cost.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Preliminary Design Review.....PLANNED: 4Q98 ACCOMPLISHED: 4Q98
 VAL/VER Ballistic Testing.....PLANNED: 4Q00 ACCOMPLISHED: 4Q00
 Critical Design Review.....PLANNED: 3Q99 ACCOMPLISHED: 3Q99
 Production Contract Award.....PLANNED: 1Q01 ACCOMPLISHED: 1Q01
 Tech Data Package Available.....PLANNED: 4Q00 ACCOMPLISHED: 4Q00

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	To Complete	Totals	
																		FY 2012
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Contr Team ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 12 months
 Contract Dates: FY 2008 - Nov 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Armor [MOD 8] 1-99-05-4555

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other						80.4														80.4
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		80.4		0.0		0.0		0.0		0.0		0.0		0.0		80.4

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Engineering Support [MOD 9] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Whole Fleet

DESCRIPTION / JUSTIFICATION:

Support encompasses government salaries associated with the Abrams tank modification efforts as well as contractor System Technical Support (STS), Total Package Fielding (TPF), and Special Tools & Test Equipment (ST&TE) for the Abrams fleet.

Modification support is synergistically intertwined with related efforts funded in GA0730 [M1A2 SEP Retrofit].

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

N/A

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME:

0 months

Contract Dates: FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates: FY 2008 -

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Engineering Support [MOD 9] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support						2.3														2.3
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		2.3		0.0		0.0		0.0		0.0		0.0		0.0		2.3

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Situational Awareness/Tank Urban Survivability Kit [MOD 10] 2-04-05-0012

MODELS OF SYSTEM AFFECTED: M1A1

DESCRIPTION / JUSTIFICATION:

From lessons learned during Operation Iraqi Freedom (OIF), some of the M1A2 Systems Enhancement Program (SEP) technologies are being inserted into the M1A1 tank fleet. Integration of the Second Generation Forward Looking InfraRed (FLIR) into the Gunner's Primary Sight provides a leap-ahead target acquisition capability; Far Target Locate (FTL) will improve lethality by calculating the grid coordinates of a lased target; Improved Driver's Sight capability will improve mobility during periods of degraded visibility and darkness; and the 50 caliber Thermal Sight will allow the tank commander to view or engage the 50 caliber machine gun, day or night. Other lessons learned lead to the development of the Tank Urban Survivability kit (TUSK) and the Counter Improvised Explosive Device (CIED) Kits. Components of these kits will be integrated into the Abrams FOV. Contractor dates will vary depending on the modification.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Various - Milestones differ for individual Modifications noted above.
Installation dollars included in contractor costs and not broken out separately.

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 2 months PRODUCTION LEADTIME: 15 months
 Contract Dates: FY 2008 - Nov 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Feb 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Situational Awareness/Tank Urban Survivability Kit [MOD 10] 2-04-05-0012

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Base Appropriation																				
Installation Kits						196.0														196.0
FY08 GWOT Request:																				
TUSK Components						337.6														337.6
FY08 GWOT Cost Adjustment:																				
TUSK Components						203.2														203.2
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		736.8		0.0		0.0		0.0		0.0		0.0		0.0		736.8

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Power Pack Improvement & Integration Optimization [MOD 11] 2-04-05-0008

MODELS OF SYSTEM AFFECTED: M1A2 SEP, M1A1

DESCRIPTION / JUSTIFICATION:

This modification is intended to reduce the Operating and Support (O&S) cost of the Abrams Tank power train. It will equip the active component Abrams fleet with more reliability, durability and provide a single standard for vehicle's power train. This modification includes the Total Integration Engine Revitalization (TIGER) program, Transmission Enterprise and Non Primary Power Source (NPS). The TIGER Program is a tailored Performance Based Logistics (PBL) program to support the AGT 1500 Engine Overhaul line. Quantities are not listed as they will vary depending on individual tank configuration. Installation costs are included in contractor charges and are not broken out separately.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Various - Milestones differ for individual modifications noted above.

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Contractor ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 12 months
 Contract Dates: FY 2008 - Dec 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Dec 09 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Power Pack Improvement & Integration Optimization [MOD 11] 2-04-05-0008

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment						185.9														185.9
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		185.9		0.0		0.0		0.0		0.0		0.0		0.0		185.9

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Advanced Ammunition Integration [MOD 12] 1-01-05-0011

MODELS OF SYSTEM AFFECTED: M1A1 = 4327; M1A2 = 588 TOTAL = 4915

DESCRIPTION / JUSTIFICATION:

This modification is for the changes to the Abrams tank fire control system needed to fire the new M829A3 kinetic energy (KE) round for the 120mm main gun. This includes a programmable Computerized Electronics Unit (CEU), software changes and modifying the existing Gunner's Auxiliary Sight (GAS) to include an appropriate reticle to be able to fire the M829A3. The new ammunition capability will significantly enhance the tank's ability to penetrate the enemy's armor at extended ranges.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Preliminary Design Review.....PLANNED: 1Q00.....ACCOMPLISHED: 1Q00
 Critical Design Review.....PLANNED: 1Q02.....ACCOMPLISHED: 3Q02
 Type Class - STD.....PLANNED: 4Q02.....ACCOMPLISHED: 4Q02
 Initial Operational Capability.....PLANNED: 4Q03.....ACCOMPLISHED: 2Q04

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals					308	307	307	307												
Inputs																				
Outputs									308	307	307	307								

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		1229
Outputs																		1229

METHOD OF IMPLEMENTATION: Depot/Contractor ADMINISTRATIVE LEADTIME: 2 months PRODUCTION LEADTIME: 12 months
 Contract Dates: FY 2008 - Nov 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Nov 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Advanced Ammunition Integration [MOD 12] 1-01-05-0011

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity																				
Installation Kits					1229	2.7													1229	2.7
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits							1229												1229	
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	1229	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1229	0.0
Total Procurement Cost		0.0		0.0		2.7		0.0		0.0		0.0		0.0		0.0		0.0		2.7

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 1 / Tracked combat vehicles

P-1 Item Nomenclature
ABRAMS UPGRADE PROGRAM (GA0750)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:
273735330 - ABRAMS TANK IMPROVE PROG

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				260							260
Gross Cost				1442.1							1442.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				1442.1							1442.1
Initial Spares											
Total Proc Cost				1442.1							1442.1
Flyaway U/C											
Weapon System Proc U/C				5.5							5.5

Description:

This program upgrades M1/M1A1 tanks to the M1A2 System Enhancement Program (SEP) configuration. Therefore, for each M1A2 SEP produced, there will be a corresponding decrease in the Army's M1/M1A1 inventory. The Abrams Upgrade Program will modernize 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 new 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.

Justification:

FY 2008 Global War on Terrorism (GWOT) procures 235 Abrams Upgrade M1A2 SEP vehicles.

FY 2008 Global War on Terrorism (GWOT) Cost Adjustment (CA) funds 25 Abrams Upgrade M1A2 SEP Vehicles.

FY 2008 Base Appropriation: \$0.000M
 FY 2008 GWOT Request: \$1,303.100M (QTY 235)
 FY 2008 GWOT CA Request: \$139.000M (QTY 25)
 FY 2008 Total: \$1,442.100M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY 2008 Global War on Terror (GWOT)													
Basic Vehicle	A							622850	235	2650			
FLIR								95389	235	406			
GFE								180442					
Armor								162138	235	690			
Depot Maint Pre-Mod								121887	235	519			
STS, TPF, ST&TS, Gov't Spt								120394					
FY 2008 GWOT Request Total								1303100					
FY 2008 GWOT CA Request													
Basic Vehicle	A							75785	25	3031			
FLIR								10279	25	411			
GFE								11608					
Armor								16835	25	673			
Depot Maint Pre-Mod								20207	25	808			
STS, TPF, ST&TS, Gov't Spt								4286					
FY 2008 GWOT CA Request Total								139000					
Total:								1442100					

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 1/ Tracked combat vehicles	Weapon System Type:	P-1 Line Item Nomenclature: ABRAMS UPGRADE PROGRAM (GA0750)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Basic Vehicle	Joint Service Mfg Corp Lima, OH	SS/FP/M5	TACOM - Warren	Nov 07	Jan 09	235	2650	Yes		
FY 2008 GWOT										
FLIR										
FY 2008 GWOT										
GFE										
FY 2008 GWOT										
Armor										
FY 2008 GWOT										
Basic Vehicle										
FY 2008 GWOT CA										
FLIR	Joint Service Mfg Corp Lima, OH	SS/FP/M5	TACOM - Warren	Nov 07	Jan 10	25	3031	Yes		
FY 2008 GWOT CA										
FLIR										
FY 2008 GWOT CA										
GFE	Joint Service Mfg Corp Lima, OH	SS/CPFF	CECOM - Picatinny	Nov 07	Jul 08	235	406	NA		
FY 2008 GWOT										
GFE	Joint Service Mfg Corp Lima, OH	SS/FP	TACOM - Warren	Nov 07	Jul 08			Yes		
FY 2008 GWOT										
Armor	Joint Service Mfg Corp Lima, OH	FP/CPFF	Department of Energy	Nov 07	Jul 08	235	690	Yes		
FY 2008 GWOT										
Basic Vehicle	Joint Service Mfg Corp Lima, OH	SS/FP/M5	TACOM - Warren	Nov 07	Jan 10	25	3031	Yes		
FY 2008 GWOT CA										
FLIR										
FY 2008 GWOT CA										
GFE	Joint Service Mfg Corp Lima, OH	SS/CPFF	CECOM - Picatinny	Nov 07	Jul 09	25	411	NA		
FY 2008 GWOT CA										
GFE	Joint Service Mfg Corp Lima, OH	SS/FP	TACOM - Warren	Nov 07	Jul 09			Yes		
FY 2008 GWOT CA										
Armor	Joint Service Mfg Corp Lima, OH	FP/CPFF	Department of Energy	Nov 07	Jul 09	25	690	Yes		
FY 2008 GWOT CA										

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
HOWITZER, LIGHT, TOWED, 105MM, M119 (G01300)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				69							69
Gross Cost				66.5							66.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				66.5							66.5
Initial Spares											
Total Proc Cost				66.5							66.5
Flyaway U/C											
Weapon System Proc U/C				1.0							1.0

Description:

The M119A2 105MM Towed Howitzer provides direct artillery fire support for the light forces. Army transition to a modular force has increased the need for this system. Production was restarted in FY2005. The National Guard will replace their Vietnam-era M102, 105MM howitzers with this improved weapon.

Justification:

FY 2008 Global War on Terror (GWOT) Cost Adjustment (CA) produces and fields 16 M119 Howitzers.

FY 2008 Base Appropriation: \$48.902M (53 Qty)
 FY 2008 GWOT Request: \$ 0.000M
 FY 2008 GWOT CA Request: \$17.600M (16 Qty)
 FY 2008 Total: \$66.502M (69 Qty)

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY 2008 Base Appropriation													
M119A2 105mm Howitzer Production	A						39432	53	744				
Basic Issue Item & Initial Spares							874						
Test / Acceptance							1045						
System Eng / Program Mgt / Fielding							7551						
Total Baseline							48902						
FY 2008 GWOT Cost Adjustment													
M119A2 105mm Howitzer Production	A						11904	16	744				
Basic Issue Item & Initial Spares							550						
Test / Acceptance							1750						
System Eng / Program Mgt / Fielding							3396						
Total GWOT Cost Adjustment							17600						
FY 2008 Total							66502						
Total:							66502						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles		Weapon System Type:	P-1 Line Item Nomenclature: HOWITZER, LIGHT, TOWED, 105MM, M119 (G01300)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008 Base Appropriation FY 2008	Rock Island Arsenal Rock Island, IL	PWD		Oct 07	Mar 09	53	744			
FY 2008 GWOT Cost Adjustment FY 2008	Rock Island Arsenal Rock Island, IL	PWD		Oct 07	Mar 09	16	744			

REMARKS:

FY 08 / 09 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE HOWITZER, LIGHT, TOWED, 105MM, M119 (G01300)	Date: September 2007
--	---	-------------------------

COST ELEMENTS						Fiscal Year 08														Fiscal Year 09										Later						
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09																
						O C 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							
M119A2 105mm Howitzer Production																																				
1	FY 08 G-CA	A	16	0	16	A																						2	2	2	2	2	2	4	0	
1	FY 08 Base	A	53	0	53	A																						8	8	8	8	8	8	8	5	0
Total																												10	10	10	10	10	10	9		
						O C 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							

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Rock Island Arsenal, Rock Island, IL	1	10	10		1	Initial	0	1	17	18	Funds are provided to Rock Island Arsenal via Procurement Work Directive (PWD) for M119 production.
							Reorder	0	1	17	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M240 Medium Machine Gun (7.62mm) (G13000)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				7788							7788
Gross Cost				98.6							98.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				98.6							98.6
Initial Spares											
Total Proc Cost				98.6							98.6
Flyaway U/C											
Weapon System Proc U/C											

Description:

This program procures M240 class machine guns in different configurations for various applications. The M240B Machine Gun is a ground version of the original 7.62mm M240 Machine Gun intended to replace the M60 series Machine Gun in Light Infantry, Mechanized Infantry, and Combat Engineer units. The M240B Machine Gun is an air-cooled, link-belt fed, and gas-operated weapon. The weapon features fixed head space, which permits rapid changing of the barrels. The M240B also includes: a flash suppressor, front sight, carrying handle for the barrel, buttstock, pistol grip, bipod, heat shield, and rear sight assembly. The M240B Machine Gun may also be tripod-mounted and used in conjunction with a traversing and elevating mechanism and a mount pintle. The M240H is a variant of the same family of Machine Guns and will be employed as the defensive armament subsystem for the UH-60 Black Hawk and CH-47 Chinook Helicopters. The M240H will use the same receiver and barrel as the M240B, but has a spade grip trigger assembly. It also requires a unique mounting interface and pintle to properly interface with the helicopter platform. Also included with the system will be an egress kit to allow the weapon to be converted for a ground defensive role in the event the helicopter is downed. The lighter weight M240E6 (FY2008 New Start) will replace the M240B in Special Forces/Rangers, Light Infantry, and Airborne units. The M240E6 will significantly reduce the weight of the current M240B while maintaining the same level of reliability. This weight reduction will be accomplished through the use of lightweight materials and innovative manufacturing techniques.

Justification:

FY2008 Global War on Terror (GWOT) funding (\$42.7 million) procures 3,000 new M240E6's. FY2008 GWOT dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY 2008 Global War on Terror Cost Adjustment (CA) funds 2480 new M240B's.

(Dollars in Millions)

FY 2008 Base Appropriation: \$37.096M (2,308 Qty)
 FY 2008 GWOT Request: \$42.721M (3,000 Qty)
 FY 2008 GWOT CA Request: \$18.820M (2,480 Qty)
 FY 2008 Total: \$98.637M (7,788 Qty)

Exhibit P-5, Weapon WTCV Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles			P-1 Line Item Nomenclature: M240 Medium Machine Gun (7.62mm) (G13000)			Weapon System Type:			Date: September 2007				
WTCV Cost Elements		ID	FY 06			FY 07			FY 08			FY 09			
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	
1. FY08 Hardware Baseline Request		B							32522	2308	14				
Hardware (Lt Wt Version - M240E6)															
2. Engineering Support										2900					
3. Integrated Logistics Support										350					
4. Engineering Change Proposals										250					
5. Total Package Fielding										400					
6. Engineering Studies										300					
7. New Equipment Training										250					
8. First Destination Transportation									124						
FY08 GWOT Request															
Hardware M240E6									41447	3000	14				
Production Support (ILS, NET, TPF, FDT, Eng Spt)									1274						
FY08 Global War on Terror CA request															
Hardware M240B									18429	2480	7				
Production Support (ILS, NET, TPF, FDT, Eng Spt)									200						
									191						
Total:									98637						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles	Weapon System Type:	P-1 Line Item Nomenclature: M240 Medium Machine Gun (7.62mm) (G13000)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. FY08 Hardware Baseline Request Hardware (Lt Wt Version - M240E6) FY 2008	TBS TBS	C/FFP	TACOM-RI, Rock Island, IL	Jan 08	Feb 09	2308	14	No	Aug 07	
FY08 GWOT Request Hardware M240E6 FY 2008 G	TBS TBS	Option	TACOM-RI, Rock Island, IL	Jun 08	Dec 09	3000	14	No	Aug 07	
FY08 Global War on Terror CA request Hardware M240B FY 2008 G	FN Manufacturing Columbia, SC	Option	TACOM-RI, Rock Island, IL	Jun 08	Jan 10	2480	7	Yes		

REMARKS:

FY 10 / 11 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE M240 Medium Machine Gun (7.62mm) (G13000)										Date: September 2007	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-------------------------	--

COST ELEMENTS						Fiscal Year 10														Fiscal Year 11										Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10														Calendar Year 11										
						O C 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. FY08 Hardware Baseline Request																																
Hardware (Lt Wt Version - M240E6)																																
1	FY 08	A	2308	1700	608	250	250	108																								0
FY08 GWOT Request																																
Hardware M240E6																																
1	FY 08 GWOT	A	3000	0	3000			142	300	300	325	325	325	325	325	308																0
FY08 Global War on Terror CA request																																
Hardware M240B																																
2	FY 08 CA	A	2480	0	2480			193	650	600	600	437																			0	
Total																																
			7788	1700	6088	250	250	250	493	950	925	925	762	325	325	325	308															
						O C 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			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS		
		MIN	1-8-5	MAX			1	Initial				Prior 1 Oct	After 1 Oct
1	TBS, TBS	1200	3000	4200	6	1	Initial	3	4	13	17		
							Reorder	3	9	18	27		
2	FN Manufacturing, Columbia, SC	1200	3500	10500	6	2	Initial	3	9	19	28		
							Reorder	3	8	8	16		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
MACHINE GUN, CAL .50 M2 ROLL (GB2000)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				2928							2928
Gross Cost				46.3							46.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				46.3							46.3
Initial Spares											
Total Proc Cost				46.3							46.3
Flyaway U/C											
Weapon System Proc U/C											

Description:

Rollup for M2 Machine Guns. Total quantity and funding reflects G10900 (M2 Flex).

Justification:

FY2008 Global War on Terror (GWOT) dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. FY2008 GOWT procures 1,278 M2 Machine Guns which will alleviate a critical shortage of serviceable M2 Machine Guns.

FY2008 Global War on Terror Cost Adjustment (CA) funds the procurement of 500 M2 Machine Guns in order to prosecute the Global War on Terrorism (GWOT) by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

(Dollars In Millions)

FY 2008 Base Appropriation: \$19.000M (1,150 Qty)
 FY 2008 GWOT Request: \$19.000M (1,278 Qty)
 FY 2008 GWOT CA Request \$8.327M (500 Qty)
 FY 2008 Total: \$46.327M

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
MACHINE GUN, CAL .50 M-2 FLEX (G10900)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				2928							2928
Gross Cost				46.3							46.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				46.3							46.3
Initial Spares											
Total Proc Cost				46.3							46.3
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M2 .50 Caliber Machine Gun is an automatic, belt-fed, recoil-operated, and air-cooled crew-served weapon. It is ground mounted on the M3 tripod, and vehicle mounted using the MK93 mount on most vehicles, where it serves as an anti-personnel and anti-aircraft weapon. It is highly effective against light armored vehicles, aircraft and small boats. The M2 provides automatic weapon suppressive fire for offensive and defensive purposes. It is capable of single-shot and automatic fire.

Justification:

FY2008 Global War on Terror (GWOT) dollars are requested to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. This request is based on deficiencies identified from on-going combat operations in Afghanistan and Iraq. FY08 GWOT procures 1,278 M2 Machine Guns which will alleviate a critical shortage of serviceable M2 Machine Guns.

FY2008 Global War on Terror Cost Adjustment (CA) funds the procurement of 500 M2 Machine Guns in order to prosecute the Global War on Terror (GWOT) by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. This request is based on deficiencies identified from on-going combat operations in Afghanistan and Iraq.

(Dollars In Millions)

FY 2008 Base Appropriation: \$19.000M (1,150 qty)
 FY 2008 GWOT Request: \$19.000M (1,278 qty)
 FY 2008 GWOT CA Request \$8.327M (500 qty)
 FY 2008 Total: \$46.327M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 08 Baseline													
1. M2 Machine Gun	A						16675	1150	15				
2. Engineering Support							766						
3. First Article Test							300						
4. Integrated Logistics Support							300						
5. Total Package Fielding							300						
6. Engineering Studies							574						
7. First Destination Transportation							85						
FY08 GWOT													
1. M2 Machine Gun	A						18531	1278	15				
2. Production Support							469						
FY08 GWOT CA Request													
1. M2 Machine Gun	A						8226	500	16				
2. Production Support							101						
Total:							46327						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles		Weapon System Type:	P-1 Line Item Nomenclature: MACHINE GUN, CAL .50 M-2 FLEX (G10900)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 08 Baseline										
1. M2 Machine Gun										
FY 2008 Baseline	TBS	Option*	TACOM-Rock Island, IL	Apr 08	Jul 09	805	15	YES		
FY 2008 Baseline	TBS	Option*	TACOM-Rock Island, IL	Oct 08	Nov 09	345	15	YES		
FY08 GWOT										
1. M2 Machine Gun										
FY 2008 GWOT	TBS	Option*	TACOM-Rock Island, IL	Jul 08	Jan 10	639	15	YES		
FY 2008 GWOT	TBS	Option*	TACOM-Rock Island, IL	Oct 08	May 10	639	15	YES		
FY08 GWOT CA Request										
1. M2 Machine Gun										
FY 2008	TBS	Option*	TACOM-Rock Island, IL	Jul 08	May 10	400	16	YES		
FY 2008	TBS	Option*	TACOM-Rock Island, IL	Oct 08	Sep 10	100	16	YES		

REMARKS: * FY08 GWOT Cost Adjustment funds will be competed in a full and open environment with a 20% small business award.

FY 08 / 09 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE MACHINE GUN, CAL .50 M-2 FLEX (G10900)	Date: September 2007
--	---	-------------------------

COST ELEMENTS						Fiscal Year 08														Fiscal Year 09														Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08														Calendar Year 09														
						O C 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					

FY 08 Baseline

1. M2 Machine Gun																													
1	FY 08 Base	A	805	0	805																								480
2	FY 08 Base	A	345	0	345														A										345

FY08 GWOT

1. M2 Machine Gun																													
1	FY 08 G	A	639	0	639																								639
2	FY 08 G	A	639	0	639															A									639

FY08 GWOT CA Request

1. M2 Machine Gun																														
						O C 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	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			1	Initial				After 1 Oct
1	TBS, TBS	600	2400	4800		1	Initial	3	7	15	22	
							Reorder	3	10	18	28	
2	TBS, TBS	600	2400	4800		2	Initial	3	13	13	26	
							Reorder	3	13	19	32	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 10 / 11 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE MACHINE GUN, CAL .50 M-2 FLEX (G10900)	Date: September 2007
--	---	-------------------------

COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10												Calendar Year 11												
						O C 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	

FY 08 Baseline

1. M2 Machine Gun																												
1	FY 08 Base	A	805	325	480	125	150	150	55																			0
2	FY 08 Base	A	345	0	345		45	50	50	50	50	100																0

FY08 GWOT

1. M2 Machine Gun																												
1	FY 08 G	A	639	0	639				95	150	150	150	94															0
2	FY 08 G	A	639	0	639								100	150	150	150	89											0

FY08 GWOT CA Request

1. M2 Machine Gun																														
						O C 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	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS		
		MIN	1-8-5	MAX			1	Initial				Prior 1 Oct	After 1 Oct
1	TBS, TBS	600	2400	4800		1	Initial	3	7	15	22		
							Reorder	3	10	18	28		
2	TBS, TBS	600	2400	4800		2	Initial	3	13	13	26		
							Reorder	3	13	19	32		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M249 SAW Machine Gun (5.56mm) (G12900)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				8382							8382
Gross Cost				37.1							37.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				37.1							37.1
Initial Spares											
Total Proc Cost				37.1							37.1
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M249 Squad Automatic Weapon (M249 SAW) is a lightweight (22 pounds with 200 rounds of ammunition) 5.56mm, one-man operated weapon capable of delivering a sustained volume of automatic, accurate, and lethal fire at ranges of up to 800 meters. The M249 SAW replaces two automatic M16A1 rifles in all infantry type units and in other units requiring high firepower. The M249 SAW also fills a secondary role as a light machine gun replacing most of the M60 Machine Guns. In support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) additional items are being procured under the Rapid Fielding Initiative (RFI) which quickly provides new weapons and equipment to units deployed.

Justification:

FY2008 Global War on Terror (GWOT)(\$1.8 million) procures 5,773 M249 Spare Barrel Bags. FY2008 GWOT dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. Funding re-baselines deploying units by replacing lost, damaged, or destroyed items. The FY2008 GWOT request also includes RFI lethality packages and equipment for mobilization training sets and in-theater Security Force Units.

(Dollars in Millions)

FY 2008 Base Request: \$35.335M
 FY 2008 GWOT Request: \$ 1.784M
 FY 2008 Total: \$37.119M

Exhibit P-5, Weapon WTCV Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles			P-1 Line Item Nomenclature: M249 SAW Machine Gun (5.56mm) (G12900)			Weapon System Type:			Date: September 2007			
WTCV Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. FY 08 Hardware Baseline Request M249 SAW Weapon		A							31190	8382	3.7			
2. Engineering Support									2300					
4. Integrated Logistics Support									250					
5. Total Package Fielding									320					
6. Engineering Studies									1000					
7. First Destination Transportation									200					
8. RFI - Barrel Bags									75					
1. FY08 GWOT Request Barrel Bags-RFI									1784	5773	0.3			
Total:									37119					

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles			Weapon System Type:		P-1 Line Item Nomenclature: M249 SAW Machine Gun (5.56mm) (G12900)					
1. FY 08 Hardware Baseline Request M249 SAW Weapon FY 2008 Baseline	TBS TBS	* Option	TACOM-Picatinny, Picatinny, NJ	Jun 08	Mar 09	8382	3.7	Yes		
1. FY08 GWOT Request Barrel Bags-RFI FY 2008 GWOT	TBS TBS	C/FFP	TACOM-Picatinny, Picatinny, NJ	Jun 08	Nov 08	5773	0.3	Yes		

REMARKS: * FY 2008 SAW Weapon is an Option to FY 2007 C/FFP Contract

FY 10 / 11 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE M249 SAW Machine Gun (5.56mm) (G12900)	Date: September 2007
--	---	-------------------------

COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10												Calendar Year 11												
						O C 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. FY 08 Hardware Baseline Request																														
M249 SAW Weapon																														
1	FY 08 Base	A	8382	4432	3950	700	700	700	650	618	582																			0
Total						8382	4432	3950	700	700	700	650	618	582																
						O C 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	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	TBS, TBS	1500	1800	7800	18	1	Initial	3	9	10	19	Delivery schedule is thirteen months due to maximum contractor production capacity reached in previous 12 month period.
							Reorder	3	8	10	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
MK-19 Grenade Machine Gun (40mm) (G13400)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				2550							2550
Gross Cost				51.6							51.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				51.6							51.6
Initial Spares											
Total Proc Cost				51.6							51.6
Flyaway U/C											
Weapon System Proc U/C											

Description:

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

Justification:

The FY2008 Global War on Terror (GWOT) (\$30.6 million) procures 1,580 MK-19 Grenade Machine Guns. FY2008 GWOT dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

(Dollars in Millions)

FY 2008 Base Request: \$21.000M
 FY 2008 GWOT Request: \$30.614M
 FY 2008 Total: \$51.614M

Exhibit P-5, Weapon WTCV Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles			P-1 Line Item Nomenclature: MK-19 Grenade Machine Gun (40mm) (G13400)			Weapon System Type:			Date: September 2007			
WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY2008 Base Request													
1. MK-19 Hardware	A						17473	970	18				
2. GFM							357						
3. Engineering Support							1950						
4. Integrated Logistics Support (ILS)							50						
5. Fielding							713						
6. First Destination Transportation							143						
7. New Equipment Training							314						
FY2008 GWOT Request													
1. MK-19 Hardware							28427	1580	18				
2. Production Support (ILS,NET,TPF, FDT,Eng Spt)							2187						
Total:							51614						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles		Weapon System Type:	P-1 Line Item Nomenclature: MK-19 Grenade Machine Gun (40mm) (G13400)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY2008 Base Request										
1. MK-19 Hardware										
FY 2008 Base	General Dynamics Saco, Maine	Option*	TACOM- Picatinny, Picatinny, NJ	Jul 08	Feb 10	970	18	Yes		
FY2008 GWOT Request										
1. MK-19 Hardware										
FY 2008 GWOT	General Dynamics Saco, Maine	Option*	TACOM- Picatinny, Picatinny, NJ	Jul 08	Jul 10	747	18	Yes		
FY 2008 GWOT	TBS TBS	Option**	TACOM- Picatinny, Picatinny, NJ	Jul 08	Dec 09	883	18	Yes		

REMARKS: *Option Awarded to FY 07 contract (SS/FFP GDATP) assuming FY07 GWOT funds are available.

**Option awarded to FY 07 contract (C/FFP TBS) assuming FY07 GWOT funds are available.

The FY 2008 President's Budget submission did not assume that the FY 2007 GWOT funds would be available. However, the FY 2008 GWOT request does assume availability of FY 2007 GWOT funds, therefore, necessary adjustments have been made to the delivery schedule. If FY 2007 GWOT funds are available, a dual source contract will be awarded in FY07.

FY 10 / 11 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE MK-19 Grenade Machine Gun (40mm) (G13400)	Date: September 2007
--	--	-------------------------

COST ELEMENTS						Fiscal Year 10													Fiscal Year 11													Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10													Calendar Year 11													
						O C 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			

FY2008 Base Request

1. MK-19 Hardware																												
1	FY 08 Base	A	970	0	970																							0

FY2008 GWOT Request

1. MK-19 Hardware																												
1	FY 08 G	A	747	0	747											87	180	180	180	120								0
2	FY 08 G	A	883	0	883			83	150	150	150	150	150	50													0	
Total			2600		2600			83	150	307	330	330	330	230	180	180	180	180	120									

O	C	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
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

M F R	Name - Location	PRODUCTION RATES				Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX	1			2	Prior 1 Oct				After 1 Oct
									Initial				Reorder
1	General Dynamics, Saco, Maine	600	2160	2400	18	1	4	9	20	29			
							4	9	25	34			
2	TBS, TBS	600	1800	1920	18	2	4	9	18	27			
							4	9	18	27			
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
Mortar Systems (G02200)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				412							412
Gross Cost				37.8							37.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				37.8							37.8
Initial Spares											
Total Proc Cost				37.8							37.8
Flyaway U/C											
Weapon System Proc U/C											

Description:

Mortar Systems funding supports the production of M224, 60mm; M252A1, 81mm; M313, 120mm Training Insert; and M120/M121, 120mm Mortar Weapon Systems. Funding also includes the production of mortar weapon system modifications, to include the procurement of the Quick Stow System and light weight weapon initiatives. The Quick Stow will enable rapid emplacement and displacement of the M120, 120mm Towed Mortar System from the M1101 trailer.

Justification:

FY 2008 Global War on Terror (GWOT) funding provides critically needed indirect fire capability to units preparing to deploy or currently deployed to Operation Iraqi Freedom and Operation Enduring Freedom. Also needed to address a shortfall of mortars to the Training Base, which has been caused by the increase in overall Army OPTEMPO.

FY 2008 Global War on Terror (GWOT) Cost Adjustment (CA) funding provides critically needed indirect fire capability to units preparing to deploy or currently deployed to Operation Iraqi Freedom and Operation Enduring Freedom. Also needed to address a shortfall of mortars to the Training Base, which has been caused by the increase in overall Army OPTEMPO.

FY 2008 Base Appropriation: \$4.320M (35 qty)
 FY 2008 GWOT Request: \$29.880M (345 qty)
 FY 2008 GWOT CA Request: \$3.579M (32 qty)
 FY 2008 Total: \$37.779M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2008 Base Request													
Hardware													
Mortar Weapons Systems Contract							1274	35	36				
Subtotal Hardware							1274						
Production Support													
Production Engineering							1227						
Operations and New Equipment Training							500						
Government ILS							265						
Proof and Acceptance							318						
Subtotal Production Support							2310						
Non-Recurring Costs													
First Article Test							630						
Manuals							106						
Subtotal Non-Recurring							736						
Total Base Request							4320						
FY 2008 GWOT Request													
Mortar Weapons Systems Contract							17166	345	50				
Basic Issue Items & Direct Support Tools							4423	345	13				
M67 Sight Units							989	319	3				
M1101 Cargo Trailers							1040	104	10				
Quick Stow Systems							1706	104	16				
Subtotal Hardware							25324						
Production Support													
Production Engineering							1556						
Proof and Acceptance							1250						
Operations and New Equipment Training							1480						
Subtotal Production Support							4286						
Non-Recurring Costs													
First Article Test							270						
Subtotal Non-Recurring Costs							270						
Total GWOT Request							29880						

Exhibit P-5, Weapon WTCV Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles			P-1 Line Item Nomenclature: Mortar Systems (G02200)			Weapon System Type:			Date: September 2007			
WTCV Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2008 GWOT CA Request													
Hardware													
Mortar Weapons Systems Contract								1664	32	52			
Basic Issue Items								768	32	24			
Direct Support Tools								288	8	36			
M67 Sight Units								128	32	4			
M1101 Cargo Trailers								173	17	10			
Quick Stow Systems								510	17	30			
Subtotal Hardware								3531					
Production Support													
Proof and Acceptance								48					
Subtotal Production Support								48					
Total GWOT CA Request								3579					
Total:								3779					

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles	Weapon System Type:	P-1 Line Item Nomenclature: Mortar Systems (G02200)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008 Base Request										
Mortar Weapons Systems Contract										
FY 2008	General Dynamics, OTS St. Petersburg, Fla.	C/Option	Picatinny, NJ	Mar 08	Mar 09	35	36	YES		
FY 2008 GWOT Request										
Mortar Weapons Systems Contract										
FY 2008 G	General Dynamics, OTS St. Petersburg, Fla.	C/Option	Picatinny, NJ	Jun 08	Apr 09	345	50	YES		
Basic Issue Items & Direct Support Tools										
FY 2008 G	Savit Corporation Parsippany, NJ	C/Option	Picatinny, NJ	Jun 08	Jun 09	345	13	YES		
M67 Sight Units										
FY 2008 G	Seiler Instruments St. Louis, MO	SS/Option	Rock Island, IL	Jun 08	Jun 09	319	3	YES		
M1101 Cargo Trailers										
FY 2008 G	Silver Eagle Manufacturing Portland, OR	SS/Option	TACOM, Warren	Jun 08	Dec 09	104	10	YES		
Quick Stow Systems										
FY 2008 G	BAE Systems Minneapolis, MN	SS/Option	Picatinny, NJ	Jun 08	Jun 09	104	16	YES		
FY 2008 GWOT CA Request										
Mortar Weapons Systems Contract										
FY 2008 Amended	General Dynamics, OTS St. Petersburg, Fla.	C/Option	Picatinny, NJ	Jun 08	Jun 09	32	52	YES		
Basic Issue Items										
FY 2008 Amended	Savit Corporation Parsippany, NJ	SS/Option	Picatinny, NJ	Jun 08	Jun 09	32	24	YES		
Direct Support Tools										
FY 2008 Amended	Savit Corporation Parsippany, NJ	SS/Option	Picatinny, NJ	Jun 08	Jun 09	8	36	YES		
M67 Sight Units										
FY 2008 Amended	Seiler Instruments St. Louis, MO	SS/Option	Rock Island, IL	Jun 08	Jun 09	32	4	YES		

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles			Weapon System Type:		P-1 Line Item Nomenclature: Mortar Systems (G02200)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M1101 Cargo Trailers FY 2008 Amended	Silver Eagle Manufacturing Portland, OR	SS/Option	Picatinny, NJ	Jun 08	Jun 09	17	10	YES		
Quick Stow Systems FY 2008 Amended	BAE Systems Minneapolis, MN	SS/Option	Picatinny, NJ	Jun 08	Jun 09	17	30	YES		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M107, CAL. 50, SNIPER RIFLE (G01500)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				0.8							0.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				0.8							0.8
Initial Spares											
Total Proc Cost				0.8							0.8
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M107 is a Cal .50 rifle with attached optics/electro-optics that supports all weather, day/night tactical dominance via rapid-fire direct fire engagements with armor penetrating, incendiary, dual-purpose ammunition. The M107 provides a man-portable, materiel destruction capability to the sniper team. With a family of ammunition, the M107 enables sniper teams to employ destructive force at greater ranges and at a high rate of fire. The M107 will also replace existing non-standard, M82A1, .50 caliber rifles in Explosive Ordnance Detachments as detonation tools. The primary mission of this rifle is to engage and defeat materiel targets at extended ranges to include parked aircraft; command, control, communications, computers and intelligence (C4I) sites; radar sites, ammunition storage sites; petroleum, oil and lubricant facilities; and various other thin skinned (lightly armored) materiel targets out to 2,000 meters. The M107 will also be used in a counter-sniper role, taking advantage of the longer stand-off range and increased terminal effect of opposing snipers armed with smaller caliber weapons out to 1,000 meters. In support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF), additional items are being procured as part of the Rapid Fielding Initiative (RFI). The RFI provides new equipment (Laser Filter Units, Spotter Scopes and ancillary items) to units deployed.

Justification:

The FY2008 Global War on Terror (GWOT) dollars (\$.4 million) will procure spotting scopes and ancillary items in support of RFI.
FY2008 Global War on Terror (GWOT) dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

(Dollars in Millions)

FY 2008 Base Request:	\$.417M
FY 2008 GWOT Request:	\$.402M
FY 2008 Total:	\$.819M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY2008 Base Request													
1.Rapid Fielding Initiative (Spot Scope)							191	136	1.0				
2.Engineering Support							226						
FY2008 GWOT Request													
1.Rapid Fielding Initiative (Spot Scope)							352	251	1.0				
2.Engineering Support							50						
Total:							819						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles	Weapon System Type:	P-1 Line Item Nomenclature: M107, CAL. 50, SNIPER RIFLE (G01500)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY2008 Base Request 1.Rapid Fielding Initiative (Spot Scope) FY 2008 Baseline	TBS	C/FFP	TACOM- Picatinny,Picatinny,NJ	Feb 08	May 08	136	1.00	YES		
FY2008 GWOT Request 1.Rapid Fielding Initiative (Spot Scope) FY 2008 GWOT	TBS	Option	TACOM- Picatinny,Picatinny,NJ	Jul 08	Oct 08	251	1.00	YES		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
XM320 GRENADE LAUNCHER MODULE (GLM) (G01501)

Program Elements for Code B Items:
0604601A - Infantry Support Weapons

Code:
B

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				6850							6850
Gross Cost				25.1							25.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				25.1							25.1
Initial Spares											
Total Proc Cost				25.1							25.1
Flyaway U/C											
Weapon System Proc U/C											

Description:

The Grenade Launcher Module (GLM) is a 40mm grenade launching weapon that attaches underneath the barrel of the M4 Carbine and M16 Rifle. The weapon will replace M203 grenade launchers. The GLM can also be fired in a stand alone mode. The GLM incorporates an integral Day/Night sighting system and provides a separate laser range finder to increase accuracy. The GLM is a production New Start in FY 2008.

Justification:

FY 2008 Global War on Terror (GWOT) dollars (\$3.5 million) procures 1,042 weapons. Funds are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY 2008 Base Request: \$21.620M
 FY 2008 GWOT Request: \$3.500M
 FY 2008 Total: \$25.120M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
XM320 Grenade Launcher FY08 (Base)							19124	5808	3.3				
Tool Set (Base)							334	290	1.2				
Engineering Support							1622						
Integrated Logistics Support							180						
Fielding							180						
New Equipment Training (NET)							180						
XM320 Grenade Launcher FY08 (GWOT)							3337	1042	3.2				
Tool Set (GWOT)							58	52	1.1				
Production Support							105						
Total:							25120						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles		Weapon System Type:	P-1 Line Item Nomenclature: XM320 GRENADE LAUNCHER MODULE (GLM) (G01501)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
XM320 Grenade Launcher FY08 (Base) FY 2008 Base	Heckler & Koch Defense, Inc. Sterling, VA	Option*	TACOM-PICATINNY, Picatinny,NJ	Jan 08	May 08	5808	3.3	Yes		
XM320 Grenade Launcher FY08 (GWOT) FY 2008 GWOT	Heckler & Koch Defense, Inc. Sterling, VA	Option	TACOM-PICATINNY, Picatinny,NJ	Jun 08	Nov 08	1042	3.2			

REMARKS: *FY08 is a firm fixed price option to an existing Soldier Enhancement Research & Development (SEP) contract.

The unit cost for FY 2008 Base differs from the GWOT unit cost because the GWOT funds initiate the next option with a lower unit cost.

The FY 2008 President Budget submission did not take into account any FY 2007 GWOT funds. The FY 2008 GWOT Request makes adjustments to the delivery schedule based upon receipt of FY 2007 GWOT funds.

FY 08 / 09 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE XM320 GRENADE LAUNCHER MODULE (GLM) (G01501)	Date: September 2007
--	---	-------------------------

COST ELEMENTS						Fiscal Year 08												Fiscal Year 09												Later	
M F R	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08												Calendar Year 09													
						O C 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		
XM320 Grenade Launcher FY08 (Base)																															
1	FY 08 Base	A	5808	0	5808				A						708	800	900	1000	1200	1200										0	
XM320 Grenade Launcher FY08 (GWOT)																															
1	FY 08 GWOT	A	1042	0	1042																				600	442				0	
Total																															
			6850		6850																										
						O C 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		

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	Heckler & Koch Defense, Inc., Sterling, VA	3600	9000	15000	6	1	Initial	0	3	4	7	Maximum production of 1,200 per month is limited by the Day/ Night Sight component. The launcher can be produced at 1,500 per month.
							Reorder	0	4	5	9	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M4 Carbine (G14904)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				106635							106635
Gross Cost				177.0							177.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				177.0							177.0
Initial Spares											
Total Proc Cost				177.0							177.0
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M4 Carbine is a 5.56mm, gas-operated, air-cooled, magazine-fed, selective-rate, shoulder-fired weapon. It is fed by a 30-round magazine and has continued to replace select M16 series rifles, and select M9 pistols. It provides the individual Soldier operating in close quarters the capability to engage targets at extended ranges with accurate lethal fire. More compact than the M16 series rifle and featuring a collapsible stock, it achieves over 85% commonality with the M16A4 Rifle. The M4 carbine also includes the Modular Weapon System (MWS) which provides six (6) additional magazines, the M4 Rail Assembly System, top mounted sling and the Back-Up Iron Sight. It will also be delivered with a Combat Optic (FY08 New Start).

Justification:

FY2008 Global War on Terror (GWOT) dollars (\$79.5 million) procures 47,185 carbines and combat optics. Funds are requested to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY 2008 Base Request: \$97.550M
 FY 2008 GWOT Request: \$79.469M
 FY 2008 Total: \$177.019M

Exhibit P-5, Weapon WTCV Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles		P-1 Line Item Nomenclature: M4 Carbine (G14904)					Weapon System Type:		Date: September 2007			
WTCV Cost Elements	ID	FY 06			FY 07			FY 08			FY 09		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Carbine	A							74903	59450	1.3			
2. Combat Optic								17835	59450	0.3			
3. Engineering Support								3609					
4. Integrated Logistics Support								602					
5. Fielding/Transportation (Global War on Terror)								601					
1. Carbine								61341	47185	1.3			
2. Combat Optic								14156	47185	0.3			
3. Production Support								3972					
Total:								177019					

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles		Weapon System Type:	P-1 Line Item Nomenclature: M4 Carbine (G14904)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Carbine										
FY 2008 Base	Colt's Mfg Co. Inc Hartford, CT	Option	TACOM-Rock Island Arsenal	Jan 08	Sep 08	59450	1.3	Yes		
FY 2008 GWOT	Colt's Mfg Co. Inc Hartford, CT	Option	TACOM-Rock Island Arsenal	Jun 08	Oct 08	47185	1.3	Yes		
2. Combat Optic										
FY 2008 Base	Aimpoint Inc. Chantilly, VA	Option	TACOM-Picatinny Arsenal	Feb 08	Aug 08	59450	0.3	Yes		
FY 2008 GWOT	Aimpoint Inc. Chantilly, VA	Option	TACOM-Picatinny Arsenal	Jun 08	Oct 08	47185	0.3	Yes		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS) (G18300)

Program Elements for Code B Items:
0604601A - Infantry Support Weapons

Code:
B

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				8437							8437
Gross Cost				11.0							11.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				11.0							11.0
Initial Spares											
Total Proc Cost				11.0							11.0
Flyaway U/C											
Weapon System Proc U/C											

Description:

The XM26 Modular Accessory Shotgun System (MASS) is a 12 gauge shotgun that attaches underneath the barrel of the M4 Carbine. The MASS can also be fired in a stand alone mode. The MASS provides the capability to fire lethal, non-lethal, and door breaching 12 gauge rounds. The weapon system can be zeroed to the sighting system of the host weapon for improved accuracy.

Justification:

FY 2008 Global War on Terror (GWOT) dollars (\$4.0 million) procure 3,109 weapons. Funds are requested to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY 2008 Base Request: \$7.000M
 FY 2008 GWOT Request: \$4.000M
 FY 2008 Total: \$11.000M

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Shotguns (FY08 Base)	B							6650	5328	1.2			
Engineering Support								255					
Integrated Logistics Support								32					
Fielding								32					
New Equipment Training (NET)								31					
Shotguns (FY08 GWOT)								3880	3109	1.2			
Production support								120					
Total:								11000					

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles		Weapon System Type:	P-1 Line Item Nomenclature: SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS) (G18300)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Shotguns (FY08 Base) FY 2008 Base	Vertu Corporation Manassas, VA	Option*	TACOM-PICATINNY, Picatinny, NJ	Jan 08	Dec 08	5328	1.2	No	Mar 07	
Shotguns (FY08 GWOT) FY 2008 GWOT	Vertu Corporation Manassas, VA	Option	TACOM-PICATINNY, Picatinny, NJ	Jun 08	Aug 08	3109	1.2			

REMARKS: *FY08 is a Firm Fixed Price option to an existing Soldier Enhancement Research & Development (SEP) contract.

The FY 2008 President Budget submission did not take into account any FY 2007 GWOT funds. The FY 2008 GWOT Request makes adjustments to the delivery schedule based upon receipt of FY 2007 GWOT funds.

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

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

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				768							768
Gross Cost				220.0							220.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				220.0							220.0
Initial Spares											
Total Proc Cost				220.0							220.0
Flyaway U/C											
Weapon System Proc U/C											

Description:

The Common Remotely Operated Weapon Station (CROWS) is a mount that provides the capability to remotely operate all standard US Army machine guns (i.e., M2 Heavy Barrel Machine Guns, MK-19 Grenade Machine Guns, M240B Medium Machine Guns and M249 Squad Automatic Weapons) on an Up-Armored High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) and a variety of other vehicles. The CROWS system includes a two-axis stabilized mount, a sensor suite with fire control software, and a vehicle integration kit. Planned product improvements include integration with other vehicles including the M1A2 Main Battle Tank, the M93 FOX Recon Vehicle, the M1117 Armored Security Vehicle, and the M113 Armored Personnel Carrier. 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 second generation Forward Looking Infrared (FLIR) camera. The laser range finder and two-axis stabilization allows for accurate fire on the move at speeds up to 15 miles per hour.

Justification:

The FY2008 Global War on Terror (GWOT)(\$220.0 million) procures 768 CROWS. FY2008 GWOT dollars are requested to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

(Dollars in Millions)

FY 2008 Base Request: 0
 FY 2008 GWOT Request: \$220.000M
 FY 2008 Total: \$220.000M

Exhibit P-5, Weapon WTCV Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles			P-1 Line Item Nomenclature: Common Remotely Operated Weapons Station (CROWS) (G04700)			Weapon System Type:			Date: September 2007			
WTCV Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HARDWARE - GWOT														
CROWS system		A						195679	768	255				
Vehicle Integration Kit								3426	768	4				
Engineering Support								4959						
Integrated Logistics Support								5393						
First Destination Transportation								400						
Contractor Field Service Representatives								3105						
Spares/Repair Parts								7038						
Total:								220000						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles			Weapon System Type:			P-1 Line Item Nomenclature: Common Remotely Operated Weapons Station (CROWS) (G04700)				
CROWS system FY 2008 G	TBS TBS	Other*	TACOM, Picatinny, NJ	Jun 08	Jun 09	768	255	Yes		
Vehicle Integration Kit FY 2008 G	TBS TBS	Other*	TACOM, Picatinny, NJ	Jun 08	Sep 09	768	4	Yes		

REMARKS: * FY2008 GWOT Funds will procure CROWS systems off an Indefinite Delivery Indefinite Quantity (IDIQ) contract.

FY 10 / 11 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE Common Remotely Operated Weapons Station (CROWS) (G04700)	Date: September 2007
--	--	-------------------------

COST ELEMENTS						Fiscal Year 10												Fiscal Year 11												Later
M F R	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 10												Calendar Year 11												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

CROWS system																														
1	FY 08 GWOT	A	768	240	528	66	66	66	66	66	66	66	66																	0
Total						768	240	528	66	66	66	66	66	66																
						O C 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	

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct				
1	TBS, TBS	576	720	1200		1	Initial	3	8	13	21	
							Reorder	3	2	9	11	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M4 CARBINE MODS (GB3007)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				138.8							138.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				138.8							138.8
Initial Spares											
Total Proc Cost				138.8							138.8
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M4 Carbine Modification Program provides a Combat Optic, Close Quarters Battle Kit, Improved Buttstock, and a Modular Weapon System. The Modular Weapon System includes a rail system, a top carry sling, a flashlight mount, a quick attach bracket kit for the M203 Grenade Launcher, and a Back-up Iron Sight. It also provides the capability for firing the M203A1 Grenade Launcher with the M4 Carbine.

Justification:

FY 2008 Global War on Terror (GWOT) dollars (\$125.1 million) procures 104,004 combat optics, 78,000 Close Quarter Battle Kits, and multiple items for the modular Weapon System. Funds are requested to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY 2008 Base Request: \$ 13.696M
 FY 2008 GWOT Request: \$125.115M
 FY 2008 Total: \$138.811M

Exhibit P-40M, Budget Item Justification Sheet										Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles					P-1 Item Nomenclature M4 CARBINE MODS (GB3007)						
Program Elements for Code B Items:							Code:		Other Related Program Elements:		
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
Modular Weapon System											
TBD1	Operational	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	3.5
Modular Weapon System GWOT											
TBD1A	Operational	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
Combat Optics											
TBD2	Operational	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	4.1
Combat Optic GWOT											
TBD2A	Operational	0.0	0.0	51.3	0.0	0.0	0.0	0.0	0.0	0.0	51.3
Close Quarters Battle Kit											
TBD3	Operational	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	5.2
Close Quarters Battle Kit GWOT											
TBD3A	Operational	0.0	0.0	57.8	0.0	0.0	0.0	0.0	0.0	0.0	57.8
Rapid Fielding Initiative											
TBD4	Operational	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9
Totals		0.0	0.0	138.8	0.0	0.0	0.0	0.0	0.0	0.0	138.8

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Modular Weapon System [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:

The modular weapon is a system of mounting rails/methods to allow the custom configuration of M4 Carbines with ancillary items such as optics, night sights, Infrared (IR) laser pointers, the grenade launcher, etc. based upon mission requirements. The Modular Weapon System includes the adapter rail system, sling, back-up iron sight, improved buttstock and weapon flashlight mount.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Developmental/Operational Tests 3Q95/2Q96 (Actual)
 Milestone III Production Decision 4Q97 (Actual)
 Production Contract Award 4Q97 (Actual)
 First Production Hardware Delivered 4Q98 (Actual)
 First Unit Equipped 2Q99 (Actual)

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Installed by troops ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 2 months
 Contract Dates: FY 2008 - Jan 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Feb 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Modular Weapon System [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Quantity (Rail Systems Only)																				
Quantity (Other Components)					13000														13000	
Hardware						2.3														2.3
Engineering Support						0.7														0.7
Integrated Logistical Support						0.3														0.3
Fielding						0.2														0.2
Engineering Study																				
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY2010 Other Equip -- Kits																				
FY2011 Other Equip -- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		3.5		0.0		0.0		0.0		0.0		0.0		0.0		3.5

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Modular Weapon System GWOT [MOD 2] TBD1A

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:

The modular weapon is a system of mounting rails/methods to allow the custom configuration of M4 Carbines with ancillary items such as optics, night sights, Infrared (IR) laser pointers, the grenade launcher, etc. based upon mission requirements. The Modular Weapon System includes the adapter rail system, sling, back-up iron sight, improved buttstock and weapon flashlight mount.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Developmental/Operational Tests 3Q95/2Q96 (Actual)
 Milestone III Production Decision 4Q97 (Actual)
 Production Contract Award 4Q97 (Actual)
 First Production Hardware Delivered 4Q98 (Actual)
 First Unit Equipped 2Q99 (Actual)

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	To Complete	Totals	
																		FY 2012
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

3 months

PRODUCTION LEADTIME:

2 months

Contract Dates: FY 2008 - Jun 08

FY 2009 -

FY 2010 -

Delivery Dates: FY 2008 - Jul 08

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Modular Weapon System GWOT [MOD 2] TBD1A

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity																				
Installation Kits																				
Multiple Items						15.0														15.0
Engineering Support						0.7														0.7
Integrated Logistic Support						0.2														0.2
Fielding						0.1														0.1
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		16.0		0.0		0.0		0.0		0.0		0.0		0.0		16.0

INDIVIDUAL MODIFICATION	Date: September 2007
--------------------------------	----------------------

MODIFICATION TITLE: Combat Optics [MOD 3] TBD2

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:
 A variety of combat optics are mounted on the M4 Carbine depending upon the mission requirement. All powered combat optics include a laser filter for eye protection. The Close Combat Optic allows the soldier to fire a weapon with both eyes open allowing greater awareness of events happening in close proximity. The Close Combat Optic gives the Soldier greater hit probability in daylight, low light level, wet weather and other adverse conditions.

Several new improved combat optics are being evaluated with Research, Development, Test and Evaluation (RDTE) funds. The new selected combat optic will provide an improved capability to identify and engage targets from 300 to 600m (M4/M16) enhancing long-range first round hit. This system will not degrade the Soldier's ability to conduct reflexive fire techniques and will allow for the Soldier to transition rapidly between long-range engagements and close quarters engagements.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):
 Close Combat Optic Re compete:
 Milestone B/C 4Q08 (Plan)
 Developmental/Operational Tests 1-3Q08 (Plan)
 First Unit Equipped 3Q09 (Plan)

Improved Combat Optic:
 Milestone B 2Q06 (Actual)
 Developmental / Operational Test 4Q07 (Plan)
 Milestone C 2Q08 (Plan)
 First Unit Equipped 3Q08 (Plan)

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Installed by troops **ADMINISTRATIVE LEADTIME:** 3 months **PRODUCTION LEADTIME:** 2 months
Contract Dates: FY 2008 - Jan 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

Delivery Dates:

FY 2008 - Feb 08

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Combat Optics [MOD 3] TBD2

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Close Combat Optics - Quantity					2570														2570	
Hardware						3.9														3.9
Engineering Support						0.1														0.1
Testing																				
Integrated Logistical Support						0.1														0.1
Fielding																				
Installation of Hardware																				
FY 2007 Equip -- Kits																				
FY 2008-- Kits																				
FY2009 Equip -- Kits																				
FY2010 Equip -- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		4.1		0.0		0.0		0.0		0.0		0.0		0.0		4.1

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Combat Optic GWOT [MOD 4] TBD2A

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:

A variety of combat optics are mounted on the M4 Carbine depending upon the mission requirement. All powered combat optics include a laser filter for eye protection. The Close Combat Optic allows the soldier to fire a weapon with both eyes open allowing greater awareness of events happening in close proximity. The Close Combat Optic gives the Soldier greater hit probability in daylight, low light level, wet weather and other adverse conditions.

Several new improved combat optics are being evaluated with Research, Development, Test and Evaluation (RDTE) funds. The new selected combat optic will provide an improved capability to identify and engage targets from 300 to 600m (M4/M16) enhancing long-range first round hit. This system will not degrade the Soldier's ability to conduct reflexive fire techniques and will allow for the Soldier to transition rapidly between long-range engagements and close quarters engagements.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Close Combat Optic Re compete:

Milestone B/C 4Q08 (Plan)

Developmental/Operational Tests 1-3Q08 (Plan)

First Unit Equipped 3Q09 (Plan)

Improved Combat Optic:

Milestone B 2Q06 (Actual)

Developmental / Operational Test 4Q07 (Plan)

Milestone C 2Q08 (Plan)

First Unit Equipped 3Q08 (Plan)

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

FY 2012	FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs														
Outputs														

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

1 months

PRODUCTION LEADTIME: 2 months

Contract Dates:

FY 2008 - Oct 07

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

Delivery Dates:

FY 2008 - Dec 07

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Combat Optic GWOT [MOD 4] TBD2A

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Close Combat Optic Hardware					61333	18.4													61333	18.4
Improved Combat Optic Hardware					42571	29.8													42571	29.8
Engineering Support						2.7														2.7
Integrated Logistic Support						0.2														0.2
Fielding						0.2														0.2
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2008 Close Combat Optic																				
FY 2008 Improved Combat																				
Optic																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		51.3		0.0		0.0		0.0		0.0		0.0		0.0		51.3

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Close Quarters Battle Kit [MOD 5] TBD3

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:

The Close Quarters Battle Kit provides Soldiers with multiple low cost items to increase lethality and survivability with individual weapons. The Close Quarters Battle Kit will provide the following items: low profile bipods, cleaning kits, improved magazines, magazine pouches, multiple magazine holders with storage pouches, forward rail brackets and improved weapon slings.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Close Quarters Battle (CQB) Kit Re compete:
 Developmental/Operational Test 3Q07/4Q07 (Plan)
 Production Decision 2Q08 (Plan)
 First Unit Equipped 4Q08 (Plan)

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

FY 2012	FY 2013				FY 2014				FY 2015				To Complete	Totals	
	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs															
Outputs															

METHOD OF IMPLEMENTATION: Installed by troops ADMINISTRATIVE LEADTIME: 4 months PRODUCTION LEADTIME: 2 months
 Contract Dates: FY 2008 - Jan 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Mar 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Close Quarters Battle Kit [MOD 5] TBD3

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity					10000														10000	
Installation Kits																				
Installation Kits, Nonrecurring																				
Hardware						4.6														4.6
Equipment, Nonrecurring																				
Engineering Support						0.2														0.2
Integrated Logistical Support						0.2														0.2
Fielding						0.1														0.1
Engineering Studies						0.1														0.1
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		5.2		0.0		0.0		0.0		0.0		0.0		0.0		5.2

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Close Quarters Battle Kit GWOT [MOD 6] TBD3A

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:

The Close Quarters Battle Kit provides Soldiers with multiple low cost items to increase lethality and survivability with individual weapons. The Close Quarters Battle Kit will provide the following items: low profile bipods, cleaning kits, improved magazines, magazine pouches, multiple magazine holders with storage pouches, forward rail brackets and improved weapon slings.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Close Quarters Battle (CQB) Kit Re compete:
 Developmental/Operational Test 3Q07/4Q07 (Plan)
 Production Decision 2Q08 (Plan)
 First Unit Equipped 4Q08 (Plan)

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

1 months

PRODUCTION LEADTIME:

2 months

Contract Dates:

FY 2008 - Oct 07

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - Dec 07

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Close Quarters Battle Kit GWOT [MOD 6] TBD3A

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement																					
Kit Quantity					78000															78000	
Installation Kits																					
Installation Kits, Nonrecurring																					
Hardware						55.6															55.6
Equipment, Nonrecurring																					
Engineering						1.6															1.6
Integrated Logistic Support						0.3															0.3
Fielding						0.3															0.3
Support Equipment																					
Other																					
Interim Contractor Support																					
Installation of Hardware																					
FY 2006 & Prior Equip -- Kits																					
FY 2007 -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
FY 2013 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Total Procurement Cost		0.0		0.0		57.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0	57.8

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Rapid Fielding Initiative [MOD 7] TBD4

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:

In support of the Global War on Terrorism, the Rapid Fielding Initiative (RFI) provides deploying Soldiers with new equipment to upgrade existing equipment or replace worn-out equipment. RFI provides funds to procure and support the fielding of items such as optics, tactical weapon lights, bipods, forward grips, cleaning kits, buttstocks and slings.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Installed by troops ADMINISTRATIVE LEADTIME: 4 months PRODUCTION LEADTIME: 2 months

Contract Dates: FY 2008 - Jan 08 FY 2009 - FY 2010 -

Delivery Dates: FY 2008 - Mar 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Rapid Fielding Initiative [MOD 7] TBD4

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Multiple Items						0.7														0.7
Engineering Support						0.1														0.1
Testing																				
Integrated Logistic Support						0.1														0.1
Fielding																				
Engineering Study																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		0.9		0.0		0.0		0.0		0.0		0.0		0.0		0.9

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M2 50 Cal Machine Gun MODS (GB4000)

Program Elements for Code B Items:
604601A S63

Code:
B

Other Related Program Elements:
604802A AS1

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				26.2							26.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				26.2							26.2
Initial Spares											
Total Proc Cost				26.2							26.2
Flyaway U/C											
Weapon System Proc U/C											

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: 1) quickly change the barrel without the need to reset the headspace and timing; 2) reduce the visible muzzle flash; and, 3) add trigger block safety to allow movement of the weapon with a chambered round. The M2A1 QCB Kit will be added to the current M2 on a one for one basis. Also provides other ancillary equipment such as the M3 Tripod, the new Light Weight Tripod and improved sighting systems.

Justification:

FY08 Global War on Terror (GWOT)procures 644 M2A1 Quick Change Barrel Kits, and 2,220 M3 Tripods, Lightweight Tripods, and Mounts as ancillary equipment. FY2008 GWOT dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

(Dollars in Millions)

FY 2008 Base Request: \$17.173M
 FY 2008 GWOT Request: \$ 9.000M
 FY 2008 Total: \$26.173M

Exhibit P-40M, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M2 50 Cal Machine Gun MODS (GB4000)

Program Elements for Code B Items:
604601A S63

Code:
B

Other Related Program Elements:
604802A AS1

Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
M2A1 Quick Change Barrel Kit											
TBD1	Operational	0.0	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0	17.2
FY08 GWOT											
TBD2	Operational	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0
Totals		0.0	0.0	26.2	0.0	0.0	0.0	0.0	0.0	0.0	26.2

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: M2A1 Quick Change Barrel Kit [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED: M2 Machine Gun

DESCRIPTION / JUSTIFICATION:

The M2A1 Quick Change Barrel Kit provides enhancements for the .50 Caliber M2 Heavy Barrel Machine Gun to provide the Soldier with the ability to quickly change the barrel without the need to reset the headspace and timing, to reduce the visible muzzle flash to allow a trigger block safety. Other ancillary equipment include M3 Tripods, new Light Weight Tripods, and improved sighting systems.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

User Assessment 2Q08 (Planned)
 Type Classification - Standard 1Q09 (Planned)
 First Unit Equipped 4Q09 (Planned)

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals									2665								1500	1165		
Inputs																				
Outputs																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Inputs																					2665
Outputs																					2665

METHOD OF IMPLEMENTATION: Depot Installed ADMINISTRATIVE LEADTIME: 13 months PRODUCTION LEADTIME: 12 months

Contract Dates: FY 2008 - Nov 2008 FY 2009 - FY 2010 -

Delivery Dates: FY 2008 - Nov 2009 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): M2A1 Quick Change Barrel Kit [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity					2665														2665	
Hardware - Kits						16.0														16.0
Ancillary Equipment							0.9													0.9
Engineering Support							0.1													0.1
Testing							0.1													0.1
Integrated Logistics Support							0.1													0.1
Fielding							0.1													0.1
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits									2665										2665	
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	2665	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2665	0.0
Total Procurement Cost		0.0		0.0		17.2		0.0		0.0		0.0		0.0		0.0		0.0		17.2

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: FY08 GWOT [MOD 2] TBD2

MODELS OF SYSTEM AFFECTED: M2 Machine Gun

DESCRIPTION / JUSTIFICATION:

The M2A1 Quick Change Barrel Kit provides enhancements for the .50 Caliber M2 Heavy Barrel Machine Gun to provide the Soldier with the ability to quickly change the barrel without the need to reset the headspace and timing, to reduce the visible muzzle flash to allow a trigger block safety. Other ancillary equipment includes the M3 Tripod, the Lightweight Tripod and Mount, and improved sighting systems.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

User Assessment 2Q08 (Planned)
 Type Classification - Standard 1Q09 (Planned)
 First Unit Equipped 4Q09 (Planned)

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals										644										
Inputs																				
Outputs													644							

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		644
Outputs																		644

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

11 months

PRODUCTION LEADTIME:

9 months

Contract Dates: FY 2008 - Sep 2008

FY 2009 -

FY 2010 -

Delivery Dates: FY 2008 -

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): FY08 GWOT [MOD 2] TBD2

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity					644														644	
Tripods Quantity					2220														2220	
Hardware Kits						3.9														3.9
Hardware Tripods						4.5														4.5
Engineering Support						0.3														0.3
Testing																				
Integrated Logistics Support						0.1														0.1
Fielding						0.2														0.2
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits									644										644	
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	644	0.0	0	0.0	0	0.0	0	0.0	0	0.0	644	0.0
Total Procurement Cost		0.0		0.0		9.0		0.0		0.0		0.0		0.0		0.0		0.0		9.0

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M249 SAW Machine Gun MODS (GZ1290)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				25.9							25.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				25.9							25.9
Initial Spares											
Total Proc Cost				25.9							25.9
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M249 Squad Automatic Weapon (SAW) is a 5.56mm, lightweight machine gun that can be utilized in either the automatic rifle role or light machine gun role. Various system enhancements have been identified that improve the use of this weapon system. These include the addition of a feedtray cover rail and forward rail assemblies. The addition of these rails provides a MIL-STD-1913 interface allowing the mounting of standard military optics and other target designation devices directly to the machine gun. Improved components include an improved collapsible buttstock, improved bipod, and 200-round ammunition pack. Other items being procured to enhance Soldier performance include a Light Weight Ground Mount, Short Barrel, Short Barrel Blank Firing Attachment, Improved Sling Assembly, and an improved combat optic. In support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) additional items (such as pistol grips, rail covers, 100 round ammo packs, spare barrel bags, etc.) are being procured for the Rapid Fielding Initiative (RFI). The RFI provides new equipment to units deployed.

Justification:

FY2008 Global War on Terror (GWOT) procures 22,245 M249 Short Barrels for Rapid Fielding Initiatives (RFI). FY2008 GWOT dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY2008 Global War on Terrorism Cost Adjustment (CA) funds 1,058 M192 Light Weight Ground Mounts for Rapid Fielding Initiatives (RFI).

(Dollars in Millions)

FY 2008 Base Appropriation:	\$12.361M
FY 2008 GWOT Request:	\$11.883M
FY 2008 GWOT CA Request:	\$1.673M
FY 2008 Total:	\$25.917M

Exhibit P-40M, Budget Item Justification Sheet										Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles					P-1 Item Nomenclature M249 SAW Machine Gun MODS (GZ1290)						
Program Elements for Code B Items:							Code:		Other Related Program Elements:		
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
M249 Rails/Bipod/Handguard											
TBD1	Operational	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	1.7
M249 Short Barrel/Coll Buttstock/Heatshield											
TBD2	Operational	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	2.8
Light Weight Ground Mount											
TBD3	Operational	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	5.4
200 Rd Soft Pack Mag/Barrel Bag/Sling Assembly											
TBD4	Operational	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1
Rapid Fielding Initiative											
TBD5	Operational	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Short Barrels - GWOT											
TBD6	Operational	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	11.9
Light Weight Ground Mounts- GWOT CA											
TBD7	Operational	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	1.7
Totals		0.0	0.0	25.9	0.0	0.0	0.0	0.0	0.0	0.0	25.9

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): M249 Rails/Bipod/Handguard [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Quantity (Various Components)					15000														15000	
Hardware						1.3														1.3
Engineering Support						0.3														0.3
Integrated Logistical Support						0.1														0.1
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		1.7		0.0		0.0		0.0		0.0		0.0		0.0		1.7

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): M249 Short Barrel/Coll Buttstock/Heatshield [MOD 2] TBD2

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Quantity (Various Components)					11500														11500	
Hardware						2.5														2.5
Engineering Support						0.2														0.2
Integrated Logistical Support						0.1														0.1
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		2.8		0.0		0.0		0.0		0.0		0.0		0.0		2.8

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Light Weight Ground Mount [MOD 3] TBD3

MODELS OF SYSTEM AFFECTED: M249 Squad Automatic Weapon, Light Machine Gun

DESCRIPTION / JUSTIFICATION:
 The Light Weight Ground Mount will reduce the weight of the current tripod by approximately 7 lbs. It will incorporate a modern traverse and elevating mechanism that will maintain predetermined elevation throughout the full range of weapon traverse, as well as contain a series of index marks that will enable gunners to construct a range data card.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):
 Developmental/Operational Test 3Q03 (Actual)
 Type Classification (LRP) 2Q04 (Actual)
 Production Contract Award 2Q04 (Actual)
 First Production Hardware Delivered 2Q05 (Actual)
 First Unit Equipped 3Q05 (Actual)

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 5 months PRODUCTION LEADTIME: 11 months
 Contract Dates: FY 2008 - 31 Mar 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - 31 Jan 09 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Light Weight Ground Mount [MOD 3] TBD3

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Quantity					3400														3400	
Hardware						4.8														4.8
Engineering Support						0.5														0.5
Integrated Logistical Support						0.1														0.1
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		5.4		0.0		0.0		0.0		0.0		0.0		0.0		5.4

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: 200 Rd Soft Pack Mag/Barrel Bag/Sling Assembly [MOD 4] TBD4

MODELS OF SYSTEM AFFECTED: M249 Squad Automatic Weapon, Light Machine Gun

DESCRIPTION / JUSTIFICATION:

The 200-Round Soft Pack Magazine provides quiet operation and easy reloading with 200 round capacity. The M249 Sling Assembly provides improved durability, easier adjustability, improved human factors, and improved quick detach buckles. The Dovetail Support strengthens the magazine/weapon interface preventing unintended detaching of the magazine during rough handling. The Improved Barrel Bag provides superior durability to withstand hot barrels and improved carry capacity.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Approved For Production 4Q05 (Actual)
 Production Contract Award 3Q06 (Actual)
 First Production Hardware Delivered 4Q06 (Actual)
 First Unit Equipped 1Q07 (Actual)

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 5 months PRODUCTION LEADTIME: 9 months
 Contract Dates: FY 2008 - 31 Mar 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - 30 Nov 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): 200 Rd Soft Pack Mag/Barrel Bag/Sling Assembly [MOD 4] TBD4

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RD&E																			
Procurement																				
Quantity					47000														47000	
Hardware						1.9														1.9
Engineering Support						0.2														0.2
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		2.1		0.0		0.0		0.0		0.0		0.0		0.0		2.1

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Rapid Fielding Initiative [MOD 5] TBD5

MODELS OF SYSTEM AFFECTED: M249 Squad Automatic Weapon, Light Machine Gun

DESCRIPTION / JUSTIFICATION:

This funds the following items under the Rapid Fielding Initiative: M192 Light Weight Ground Mounts, Pistol Grips, Rail Covers, Accessory Rail Kits, M249 Dovetail Supports, Ammo Packs, Short Barrels, Short Barrel Blank Firing Attachments, Collapsible Buttstocks, M249 Spare Barrel Bags and improved combat optics.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 5 months PRODUCTION LEADTIME: 10 months
 Contract Dates: FY 2008 - 31 Mar 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - 31 Dec 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Rapid Fielding Initiative [MOD 5] TBD5

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RD&E																			
Procurement																				
Quantity (Various Components)					7000														7000	
Hardware						0.2														0.2
Engineering Support						0.1														0.1
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		0.3		0.0		0.0		0.0		0.0		0.0		0.0		0.3

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Short Barrels - GWOT [MOD 6] TBD6

MODELS OF SYSTEM AFFECTED: M249 Squad Automatic Weapon, Light Machine Gun

DESCRIPTION / JUSTIFICATION:
 The GWOT dollars will provide for the procurement of M249 Short Barrels for Rapid Fielding Initiatives (RFI). The M249 Short Barrel is approximately 4" shorter than the standard barrel. It provides comparable performance while reducing the overall length of the M249 improving mobility in Military Operations in Urban Terrain (MOUT) situations.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

FY 2012	FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 9 months PRODUCTION LEADTIME: 18 months
 Contract Dates: FY 2008 - 31 Jul 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - 31 Dec 09 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Short Barrels - GWOT [MOD 6] TBD6

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement																					
Short Barrels					22245	10.7														22245	10.7
Engineering Support						1.0															1.0
Integrated Logistical Support						0.2															0.2
Installation of Hardware																					
FY 2005 & Prior Equip -- Kits																					
FY 2006 -- Kits																					
FY 2007 Equip -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Total Procurement Cost		0.0		0.0		11.9		0.0		0.0		0.0		0.0		0.0		0.0		0.0	11.9

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Light Weight Ground Mounts- GWOT CA [MOD 7] TBD7

MODELS OF SYSTEM AFFECTED: M249 Squad Automatic Weapon & Machine Gun

DESCRIPTION / JUSTIFICATION:
The FY08 GWOT CA dollars will procure M192 Light Weight Ground Mounts for Rapid Fielding Initiatives (RFI)

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	To Complete	Totals	
																		FY 2012
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 10 months PRODUCTION LEADTIME: 20 months
 Contract Dates: FY 2008 - Aug-08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Mar 10 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Light Weight Ground Mounts- GWOT CA [MOD 7] TBD7

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
M192 Lt Wt Ground Mount					1058	1.5													1058	1.5
Engineering Support						0.2														0.2
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		1.7		0.0		0.0		0.0		0.0		0.0		0.0		1.7

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M240 Medium Machine Gun MODS (GZ1300)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				13.4							13.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				13.4							13.4
Initial Spares											
Total Proc Cost				13.4							13.4
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M240B 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 buttstock, bipod, sling, flash suppressor, short barrel, combat ammo pack, and collapsible buttstock. In support of Operation Iraqi Freedom (OIF) and Operation Enduring Freedom (OEF) additional items are being procured for the Rapid Fielding Initiative (RFI). The RFI provides new equipment to units being deployed, to include M122A1 Tripods and Adapters, M240B Forward Rail Kits, M192 Light Weight Ground Mounts, Short Barrels, Combat Ammo Packs, and M240 Spare Barrel Bags.

Justification:

FY2008 Global War on Terror (GWOT) procures 2,000 Collapsible Buttstocks, 700 M192 Light Weight Ground Mounts, and 975 Combat Ammo Packs for Rapid Fielding Initiatives (RFI). FY2008 GWOT dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY 2008 Global War on Terror Cost Adjustment (CA) funds 428 M192 Light Weight Ground Mounts and 347 Combat Ammo Packs for Rapid Fielding Initiatives (RFI).

(Dollars in Millions)

FY 2008 Base Appropriation: \$10.177M
 FY 2008 GWOT Request: \$2.648M
 FY 2008 GWOT CA Request: \$.623M
 FY 2008 Total: \$13.448M

Exhibit P-40M, Budget Item Justification Sheet										Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles					P-1 Item Nomenclature M240 Medium Machine Gun MODS (GZ1300)						
Program Elements for Code B Items:								Code: A		Other Related Program Elements:	
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
M240B System Improvements											
TBD1		0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	7.9
M192 Light Weight Ground Mount											
TBD2		0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1
Rapid Fielding Initiative											
TBD3		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Light Weight Ground Mounts - FY08 GWOT											
TBD4		0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	2.6
Ammo Pack and Light Weight: FY08 GWOT CA											
TBD 5		0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Totals		0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	13.4

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: M240B System Improvements [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED: M240B Medium Machine Gun

DESCRIPTION / JUSTIFICATION:

The M240B 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. The US Army has identified a need to upgrade its current inventory of 7.62mm Medium Machine Guns in order to provide the dismounted infantryman a more reliable, accurate, and lethal medium machine gun to suppress and destroy enemy personnel, lightly armored vehicles and fortified positions. System enhancements have been identified by fielded units to further improve the reliability of this weapon system. These include adopting a forward rail system to mount ancillary sighting/night vision equipment, providing an accessory ammunition pouch to improve forward assault fire capability and improved Blank Firing Adaptor to support increased training requirements. Additional enhancements include improved buttstock, bipod, sling, flash suppressor, short barrel, and collapsible buttstock.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Production Contract Award Aug 01 (Actual)
 First Production Hardware Delivered Jan 02(Actual)
 First Unit Equipped Feb 02 (Actual)

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Field Application **ADMINISTRATIVE LEADTIME:** 5 months **PRODUCTION LEADTIME:** 8 months
 Contract Dates: FY 2008 - 31 Mar 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - 30 Oct 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): M240B System Improvements [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Quantity (various components)					26900														26900	
Hardware						7.1														7.1
Engineering Support						0.5														0.5
Integrated Logistical Support						0.1														0.1
Fielding						0.2														0.2
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		7.9		0.0		0.0		0.0		0.0		0.0		0.0		7.9

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: M192 Light Weight Ground Mount [MOD 2] TBD2

MODELS OF SYSTEM AFFECTED: M240B Medium Machine Gun

DESCRIPTION / JUSTIFICATION:

The M192 Light Weight Ground Mount will reduce the weight of the current M122A1 tripod by approximately 50 percent. It will incorporate a modern traverse and elevating mechanism that will maintain predetermined elevation throughout the full range of weapon traverse, as well as contain a series of index marks that will enable gunners to construct a range data card.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Development/Operational Tests 3Q-4Q FY03 (Actual)
 Type Classification (STD) 2Q FY04 (Actual)
 Production Contract Award 2Q FY04 (Actual)
 First Production Hardware Delivered 2Q FY05 (Actual)
 First Unit Equipped 3Q FY05 (Actual)

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	To Complete	Totals	
																		FY 2012
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 12 months
 Contract Dates: FY 2008 - 30 Jan 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - 30 Dec 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): M192 Light Weight Ground Mount [MOD 2] TBD2

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
M192 Ground Mount					940	1.5													940	1.5
Engineering Support						0.3														0.3
Integrated Logistical Support						0.1														0.1
Fielding						0.1														0.1
New Equipment Training						0.1														0.1
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		2.1		0.0		0.0		0.0		0.0		0.0		0.0		2.1

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Rapid Fielding Initiative [MOD 3] TBD3

MODELS OF SYSTEM AFFECTED: M240B Medium Machine Gun

DESCRIPTION / JUSTIFICATION:

This funds the following items under the Rapid Fielding Initiative: M122A1 Tripods, M122A1 Tripod Adapters, M240B Forward Rail Kits, M192 Light Weight Ground Mounts, M240 Light Weight Short Barrels, M240 Spare Barrel Bags.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 5 months PRODUCTION LEADTIME: 7 months
 Contract Dates: FY 2008 - 31 Mar 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - 30 Sep 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Rapid Fielding Initiative [MOD 3] TBD3

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RD&E																			
Procurement																				
Quantity (Various Components)					114														114	
Hardware						0.2														0.2
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		0.2		0.0		0.0		0.0		0.0		0.0		0.0		0.2

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Light Weight Ground Mounts - FY08 GWOT [MOD 4] TBD4

MODELS OF SYSTEM AFFECTED: M240B Medium Machine Gun

DESCRIPTION / JUSTIFICATION:
The FY08 GWOT dollars will procure collapsible buttstocks, M192 Light Weight Ground Mounts, and combat ammo packs for Rapid Fielding Initiatives (RFI).

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 9 months PRODUCTION LEADTIME: 4 months
 Contract Dates: FY 2008 - 31 Jul 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - 31 Oct 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Light Weight Ground Mounts - FY08 GWOT [MOD 4] TBD4

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Collapsible Buttstocks					2000	1.3													2000	1.3
M192 Lt Wt Ground Mounts					700	1.1													700	1.1
Combat Ammo Packs					975	0.1													975	0.1
Support/Fielding						0.1														0.1
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		2.6		0.0		0.0		0.0		0.0		0.0		0.0		2.6

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Ammo Pack and Light Weight: FY08 GWOT CA [MOD 5] TBD 5

MODELS OF SYSTEM AFFECTED: M240 Med MG Series

DESCRIPTION / JUSTIFICATION:
The FY08 GWOT Cost Adjustment dollars will procure combat ammo packs and for M192 Light Weight Ground Mounts for Rapid Fielding Initiatives (RFI).

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 9 months PRODUCTION LEADTIME: 18 months
 Contract Dates: FY 2008 - Jul 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Dec 09 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Ammo Pack and Light Weight: FY08 GWOT CA [MOD 5] TBD 5

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
M192 Lt Wt Ground Mount					428	0.4													428	0.4
Combat Ammo Packs					347	0.2													347	0.2
Support Fielding																				
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		0.6		0.0		0.0		0.0		0.0		0.0		0.0		0.6

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
PHALANX MODS (GL1000)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				150.0							150.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				150.0							150.0
Initial Spares											
Total Proc Cost				150.0							150.0
Flyaway U/C											
Weapon System Proc U/C											

Description:

The Phalanx gun is part of the Counter-Rocket, Artillery and Mortar (C-RAM) system. The primary mission of the C-RAM program is to develop, procure, field and maintain a system that can detect rocket, artillery or mortar launches; warn the defended area with sufficient time for personnel to take cover; intercept rounds in flight, thus preventing damage to ground forces or facilities; and enhance response to and defeat of enemy forces. C-RAM utilizes a system of systems (SoS) approach, and is comprised of a combination of multi-service fielded and non-developmental item (NDI) sensors, command and control (C2) systems and a modified U.S. Navy intercept system, with a low cost commercial off-the-shelf (COTS) warning system and wireless local area network. The system will be fielded to various echelons, providing them correlated air and ground pictures and linking them to the Army Battle Command System (ABCS) and the Joint Defense Network (JDN), via various forms of communications, to provide situational awareness and exchange of timely and accurate information to synchronize and optimize automated Shape, Sense, Warn, Intercept, Respond and Protect decisions. The current Intercept capability is provided by Land-Based Phalanx Weapon Systems (LPWS) (a Navy Phalanx gun system mounted on a trailer). The LPWS are procured from the Navy, modified by a Navy contractor, and supported by Navy logistical services.

The C-RAM Increment I Capabilities production Document (CPD) is currently undergoing Department of the Army staffing for Army Requirements Oversight Council (AROC) approval. Joint Requirements Oversight Council (JROC) validation is expected subsequent to Army validation. The C-RAM Program Office has fielded equipment to six Forward Operating bases (FOBs) (Sense Warn and Intercept to one (1) FOB; Sense and Warn to five (5) additional FOBs). The C-RAM SoS approach was validated by a Proof of Principle demonstration in December 2004 and three (3) Army Test and Evaluation Command (ATEC) tests in February, April and November-December 2005. C-RAM will be managed as an ACAT I program upon formal designation as a program of record.

Justification:

FY08 Global War on Terror (GWOT) funding will procure and field sixteen (16) U.S. Navy LPWS with spares, installation and on-site contractor support at 3 FOBs.

FY08 BASE - \$0
 FY08 GWOT - \$150.000M
 Total \$150.000M

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
PHALANX MODS (GL1000)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

Quantity 16

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. System Integration/Hardware							142858	16	8929				
2. Project Management Admin							7142						
Total - GWOT							150000						
Total:							150000						

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles		Weapon System Type:	P-1 Line Item Nomenclature: PHALANX MODS (GL1000)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. System Integration/Hardware FY 2008	PM Phalanx/Raytheon Tucson AZ	MIPR	Tucson, AZ	Jul 08	Jan 09	16	8929			

REMARKS: Procured through MIPR to Navy PM Phalanx.

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
M16 RIFLE MODS (GZ2800)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				5.7							5.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				5.7							5.7
Initial Spares											
Total Proc Cost				5.7							5.7
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M16 Rifle Modification Program provides a Combat Optic and a Modular Weapon System (MWS) suite for the M16A4 Rifle. The MWS includes a rail system, a flashlight mount, a quick attach bracket kit for the M203 Grenade Launcher, and back-up iron sight for the M16A4 Rifle. Based on mission requirements the MWS allows the custom configuration of M16 Rifles with accessories and smaller items, i.e., optics, night sights, and laser pointers.

Justification:

FY2008 Global War on Terror (GWOT)dollars are requested to prosecute the GWOT by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY 2008 Base Request: \$3.900M
 FY 2008 GWOT Request: \$1.845M
 FY 2008 Total: \$5.745M

Exhibit P-40M, Budget Item Justification Sheet											Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles						P-1 Item Nomenclature M16 RIFLE MODS (GZ2800)						
Program Elements for Code B Items:								Code:		Other Related Program Elements:		
Description		Fiscal Years										
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total	
Modular Weapon System M16/M203												
TBD1	Operational	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.9	
Combat Optics												
TBD2	Operational	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	
Combat Optics GWOT												
TBD2A	Operational	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8	
Totals		0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	5.7	

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Modular Weapon System M16/M203 [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED: Rifle, 5.56mm M16A4

DESCRIPTION / JUSTIFICATION:

The M16 Modular Weapon System (MWS) is a system of mounting rails/methods that allow the custom configuration of M16 Rifles with accessories and ancillary items such as optics, night sights, infrared aiming lights, and grenade launchers. The MWS includes the adapter rail system, close quarters battle kit, sling, back-up iron sight, and weapon flashlight mount.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Developmental/Operational Tests 3Q95/2Q96 (Actual)
 Milestone III Production Decision 3Q97 (Actual)
 Production Contract Award 4Q97 (Actual)
 First Production Hardware Delivered 4Q98 (Actual)
 First Unit Equipped 2Q99 (Actual)

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals	
				1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4			
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Installed by troops ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 2 months
 Contract Dates: FY 2008 - Dec 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Feb 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Modular Weapon System M16/M203 [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RD&E																				
Procurement																					
Quantity (Rail Systems Only)																					
Quantity (Other Components)					900														900		
Hardware						0.8															0.8
Engineering Support						0.1															0.1
Testing																					
Integrated Logistical Support																					
Fielding																					
Engineering Study																					
Installation of Hardware																					
FY 2006& Prior Equip -- Kits																					
FY 2007 -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
FY 2013 Equip -- Kits																					
TC Other Equip- Kits																					
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0
Total Procurement Cost		0.0		0.0		0.9		0.0		0.0		0.0		0.0		0.0		0.0		0.0	0.9

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Combat Optics [MOD 2] TBD2

MODELS OF SYSTEM AFFECTED: Rifle, 5.56mm M16A4

DESCRIPTION / JUSTIFICATION:

Several new combat optics are being evaluated with Research, Development, Test and Evaluation (RDTE) funds. The selected combat optic will provide an improved capability to identify and engage targets from 300 to 600m (M4/M16) enhancing long-range first round hit. This system will not degrade the Soldier's ability to conduct reflexive fire techniques and will allow for the Soldier to transition rapidly between long-range engagements and close quarters engagements. FY2008 Base and GWOT quantities will be procured from current vendor in accordance with FAR 6.302-1 exception 1. (Only one responsible source and no other supplies or services will satisfy agency requirements.)

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Milestone B/C 4Q08(Plan)
 Developmental/Operational Test 1-3Q08 (Plan)
 First Unit Equipped 3Q09 (Plan)

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	To Complete	Totals	
																		FY 2012
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Installed by troops ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 2 months
 Contract Dates: FY 2008 - Dec 07 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Feb 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Combat Optics [MOD 2] TBD2

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total			
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$		
	RDT&E																					
Procurement																						
Kit Quantity					3700															3700		
Hardware						2.7															2.7	
Engineering Support						0.1															0.1	
Testing																						
Integrated Logistical Support						0.1															0.1	
Total Package Fielding						0.1															0.1	
Installation of Hardware																						
FY 2006 & Prior Equip -- Kits																						
FY 2007 -- Kits																						
FY 2008 Equip -- Kits																						
FY 2009 Equip -- Kits																						
FY 2010 Equip -- Kits																						
FY 2011 Equip -- Kits																						
FY 2012 Equip -- Kits																						
FY 2013 Equip -- Kits																						
TC Equip- Kits																						
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		3.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		3.0

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Combat Optics GWOT [MOD 3] TBD2A

MODELS OF SYSTEM AFFECTED: Rifle, 5.56mm M16A4

DESCRIPTION / JUSTIFICATION:

Several new combat optics are being evaluated with Research, Development, Test and Evaluation (RDTE) funds. The selected combat optic will provide an improved capability to identify and engage targets from 300 to 600m (M4/M16) enhancing long-range first round hit. This system will not degrade the Soldier's ability to conduct reflexive fire techniques and will allow for the Soldier to transition rapidly between long-range engagements and close quarters engagements. FY2008 Base and GWOT quantities will be procured from current vendor in accordance with FAR 6.302-1 exception 1. (Only one responsible source and no other supplies or services will satisfy agency requirements.)

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Milestone B/C 4Q08(Plan)
 Developmental/Operational Test 1-3Q08 (Plan)
 First Unit Equipped 3Q09 (Plan)

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011					
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

Pr Yr	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

10 months

PRODUCTION LEADTIME:

2 months

Contract Dates:

FY 2008 - Jul 08

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - Sep 08

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Combat Optics GWOT [MOD 3] TBD2A

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement																				
Kit Quantity					2492														2492	
Hardware						1.7														1.7
Engineering Support						0.1														0.1
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		1.8		0.0		0.0		0.0		0.0		0.0		0.0		1.8

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) (GC0925)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				24.2							24.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				24.2							24.2
Initial Spares											
Total Proc Cost				24.2							24.2
Flyaway U/C											
Weapon System Proc U/C											

Description:

This program procures modifications of weapons with a cost less than \$5.0 million to specifically include the M145 Machine Gun Optic Sights and an improved combat optic. The M145 Machine Gun Optic Program provides a 3.4x, laser-hardened telescopic sight for the 7.62mm M240B Medium Machine Gun and 5.56mm M249 Light Machine Gun. The optic sight will allow the Soldier to identify and engage targets at longer ranges and at lower light levels more effectively than the existing iron sighting system. The optic sight also provides the Soldier with a greater hit probability.

Justification:

FY2008 Global War on Terror (GWOT) procures 9,505 improved combat optics for the M240B and M249 Machine Guns for Rapid Fielding Initiatives (RFI). FY2008 GWOT dollars are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY2008 Global War on Terror (GWOT) Cost Adjustment (CA) funds procures 17,000 improved combat optics for the M240B and M249 Machine Guns for Rapid Fielding Initiatives (RFI).

(Dollars in Millions)

FY 2008 Base Request Appropriation: \$2.791M (2,824 qty)
 FY 2008 GWOT Request: \$7.054M (9,505 qty)
 FY 2008 GWOT CA Request: \$14.400M (17,000 qty)
 FY 2008 Total: \$24.245M (29,329 qty)

Exhibit P-40M, Budget Item Justification Sheet											Date: September 2007	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles						P-1 Item Nomenclature MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) (GC0925)						
Program Elements for Code B Items:								Code: A		Other Related Program Elements:		
Description		Fiscal Years										
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total	
M145 Machine Gun Optic												
TBD1	Operational	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	2.6	
Improved Combat Optic												
TBD2	Operational	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	
Improved combat optic - FY08 GWOT												
TBD3		0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	
Improved Combat Optic -FY 08 GWOT CA Request												
TBD 4		0.0	0.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	14.4	
Totals		0.0	0.0	24.2	0.0	0.0	0.0	0.0	0.0	0.0	24.2	

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: M145 Machine Gun Optic [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED: M240B Machine Gun, M249 Light Machine Gun

DESCRIPTION / JUSTIFICATION:
 The M145 Machine Gun Optic Program provides a 3.4x, laser hardened telescopic sight for the 7.62mm M240B Medium Machine Gun and selected 5.56mm M249 Light Machine Guns. The optic sight will allow the Soldier to identify and engage targets at longer ranges and at lower light levels more effectively than the existing iron sighting system. The optic sight also provides the Soldier with a greater hit probability.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):
 Developmental/Operational Test 3Q98 (Actual)
 Type Classification (LRP) 4Q98 (Actual)
 Production Contract Award 4Q98 (Actual)
 First Production Hardware Delivered 4Q99 (Actual)
 Type Classification (Standard) 1Q00 (Actual)
 First Unit Equipped 2Q00 (Actual)

Installation Schedule

Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																				
Outputs																				

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 4 months
 Contract Dates: FY 2008 - Jan 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Apr 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): M145 Machine Gun Optic [MOD 1] TBD1

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RD&E																			
Procurement																				
Quantity					2645														2645	
Hardware						2.0														2.0
Engineering Support						0.5														0.5
Integrated Logistical Support						0.1														0.1
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		2.6		0.0		0.0		0.0		0.0		0.0		0.0		2.6

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Improved Combat Optic [MOD 2] TBD2

MODELS OF SYSTEM AFFECTED: M249 Squad Automatic Weapon (Short Barrel), M240B Medium Machine Gun

DESCRIPTION / JUSTIFICATION:
This funds the improved combat optic for the M249 SAW under the Rapid Fielding Initiative.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):
 Milestone B 2Q06 (Actual)
 Developmental / Operational Test 4Q07 (Plan)
 Milestone C 2Q08 (Plan)
 First Unit Equipped 3Q08 (Plan)

Installation Schedule

	Pr Yr Totals	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Inputs																						
Outputs																						

	FY 2012				FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																						
Outputs																						

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 4 months
 Contract Dates: FY 2008 - Jan 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Apr 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Improved Combat Optic [MOD 2] TBD2

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RD&E																			
Procurement																				
Quantity					179														179	
Hardware						0.1														0.1
Fielding						0.1														0.1
Installation of Hardware																				
FY 2005 & Prior Equip -- Kits																				
FY 2006 -- Kits																				
FY 2007 Equip -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		0.2		0.0		0.0		0.0		0.0		0.0		0.0		0.2

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Improved combat optic - FY08 GWOT [MOD 3] TBD3

MODELS OF SYSTEM AFFECTED: M240B Machine Gun, M249 Machine Gun

DESCRIPTION / JUSTIFICATION:
 The FY08 GWOT dollars will procure improved combat optics for the M240B and M249 Machine Guns for Rapid Fielding Initiatives (RFI). The optic sight will allow the Soldier to identify and engage targets at longer ranges and at lower light levels more effectively than the existing iron sighting system. The optic sight also provides the Soldier with a greater hit probability.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

FY 2012	FY 2013				FY 2014				FY 2015				To Complete	Totals				
	1	2	3	4	1	2	3	4	1	2	3	4						
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION: Field Application ADMINISTRATIVE LEADTIME: 10 months PRODUCTION LEADTIME: 3 months
 Contract Dates: FY 2008 - Jul 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - Oct 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Improved combat optic - FY08 GWOT [MOD 3] TBD3

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
	RDT&E																				
Procurement																					
Improved Combat Optics					9505	6.7														9505	6.7
Support/Fielding						0.3															0.3
Installation of Hardware																					
FY 2006 & Prior Equip -- Kits																					
FY 2007 -- Kits																					
FY 2008 Equip -- Kits																					
FY 2009 Equip -- Kits																					
FY 2010 Equip -- Kits																					
FY 2011 Equip -- Kits																					
FY 2012 Equip -- Kits																					
FY 2013 Equip -- Kits																					
TC Equip- Kits																					
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
Total Procurement Cost		0.0		0.0		7.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	7.0

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE: Improved Combat Optic -FY 08 GWOT CA Request [MOD 4] TBD 4

MODELS OF SYSTEM AFFECTED: M2409 Machine Guns

DESCRIPTION / JUSTIFICATION:

The FY 08 GWOT CA dollars will procure improved combat optics for the M249 Machine Guns for Rapid Fielding Initiative (RFI). The optic sight will allow the Soldier to identify and engage targets at longer ranges and at lower light levels more effectively than the existing iron sighting system. The optic sight also provides the Soldier with a greater hit probability.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Installation Schedule

Pr Yr	FY 2007				FY 2008				FY 2009				FY 2010				FY 2011			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Totals																				
Inputs																				
Outputs																				

FY 2012	FY 2013				FY 2014				FY 2015				To Complete	Totals
	1	2	3	4	1	2	3	4	1	2	3	4		
Inputs														
Outputs														

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

10 months

PRODUCTION LEADTIME: 3 months

Contract Dates:

FY 2008 - Jul 08

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - Oct 08

FY 2009 -

FY 2010 -

INDIVIDUAL MODIFICATION

Date: September 2007

MODIFICATION TITLE (cont): Improved Combat Optic -FY 08 GWOT CA Request [MOD 4] TBD 4

FINANCIAL PLAN: (\$ in Millions)

	FY 2006 and Prior		2007		2008		2009		2010		2011		2012		2013		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
	RDT&E																			
Procurement					17000	13.9													17000	13.9
Engineering Support						0.3														0.3
ILS						0.1														0.1
Fielding						0.1														0.1
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		14.4		0.0		0.0		0.0		0.0		0.0		0.0		14.4

Exhibit P-40, Budget Item Justification Sheet

Date: September 2007

Appropriation / Budget Activity / Serial No:
Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles

P-1 Item Nomenclature
SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) (GC0076)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				13.6							13.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				13.6							13.6
Initial Spares											
Total Proc Cost				13.6							13.6
Flyaway U/C											
Weapon System Proc U/C											

Description:

This program provides ancillary small arms equipment to the Soldier and equipment for the Soldier Enhancement Program (SEP). The mission of SEP is to identify and evaluate commercially available individual weapons, munitions, accessories, etc., which can be adopted and provided to Soldiers in three years or less. The nature of the items determines the acquisition strategy, market survey, candidate evaluation and down select method, scope of testing, adoption decision and fielding process. Each year nearly 125+ proposals are received and reviewed for suitable solutions to keep up with ever-changing technologies and new and improved ways to equip and maintain our forces. Proposals that match up with user capability deficiencies are presented at the Semi-annual PEO Soldier / TRADOC SEP review and compete for funding in the upcoming fiscal year. Also included within this program is equipment for the Rapid Fielding Initiative (RFI).

Justification:

FY2008 Global War on Terror (GWOT) dollars (\$8.2 million) procures 960 Advanced Sniper Accessory Kits, and 8,510 Laser Range Finders. Funds are requested to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY 2008 Base Request: \$5.424M
 FY 2008 GWOT Request: \$7.697M
 FY 2008 GWOT CA: \$.505M
 FY 2008 Total: \$13.626M

Exhibit P-5, Weapon WTCV Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles			P-1 Line Item Nomenclature: SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) (GC0076)			Weapon System Type:			Date: September 2007			
WTCV Cost Elements		ID	FY 06			FY 07			FY 08			FY 09		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. HARDWARE														
Advanced Sniper Accessory Kit - Baseline		B							770	154	5.00			
Advanced Sniper Access Kit - GWOT									4795	960	4.99			
Close Combat Mission Capability Kit - B		A							2985	31436	0.09			
Laser Rangefinder - GWOT		A							2902	7250	0.40			
Laser Rangefinder - GWOT CA		A							505	1260	0.40			
2. ENGINEERING SUPPORT									565					
3. INTEGRATED LOGISTIC SUPPORT									440					
4. FIELDING									420					
5. NEW EQUIPMENT TRAINING									170					
6. MATERIEL RELEASE														
7. PM Soldier Weapon Support									74					
Total:									13626					

Exhibit P-5a, Budget Procurement History and Planning

Date:
September 2007

Appropriation/Budget Activity/Serial No: Procurement of W&TCV, Army/ 2/ Weapons and other combat vehicles	Weapon System Type:	P-1 Line Item Nomenclature: SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) (GC0076)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Advanced Sniper Accessory Kit - Baseline FY 2008	TBS TBS	TBS	TACOM, Picatinny, NJ	Dec 07	Mar 08	154	5.000	Yes		
Advanced Sniper Access Kit - GWOT FY 2008 G	TBS TBS	TBS	TACOM, Picatinny, NJ	Jun 08	Sep 08	960	4.990	Yes		
Close Combat Mission Capability Kit - B FY 2008	SNC Technology Canada	Option	TACOM, Picatinny, NJ	Dec 07	Mar 08	3297	0.175	Yes		
FY 2008	Ultimate Training Munitions United Kingdom	Option	TACOM, Picatinny, NJ	Dec 07	Mar 08	6289	0.244	Yes		
FY 2008	TBS TBS	C/FFP	TACOM, Picatinny, NJ	Dec 07	Mar 08	24155	0.040	Yes		
Laser Rangefinder - GWOT FY 2008 GWOT	TBS TBS	TBS	TACOM, Picatinny, NJ	Jun 08	Sep 08	7250	0.400	Yes		
FY 2008 G-CA	TBS TBS	TBS	TACOM, Picatinny, NJ	Jun 08	Sep 08	1260	0.400	Yes		

REMARKS: