

DEPARTMENT OF THE ARMY

Procurement Programs



FY 2008 Grow The Army Detail

WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

APPROPRIATION

February 2007

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Exhibit P-40, Budget Item Justification Sheet

Date: February 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		39	48	8	7	28	29				159
Gross Cost	485.4	116.2	146.0	35.4	33.7	114.6	131.1	48.7	31.3		1142.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	485.4	116.2	146.0	35.4	33.7	114.6	131.1	48.7	31.3		1142.4
Initial Spares											
Total Proc Cost	485.4	116.2	146.0	35.4	33.7	114.6	131.1	48.7	31.3		1142.4
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 company 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 Bradleys 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:
 FY 2008 Grow the Army funding procures 8 A3 BFIST vehicles in support of the Army's Campaign Plan for Heavy Brigade Combat Team.
 FY 2008 Base Appropriation \$ -0-
 FY 2008 Grow the Army \$35.400M
 FY 2008 Total \$35.400M
 FY 2009 procures 7 A3 BFIST vehicles in support of the Army's Campaign Plan for Heavy Brigade Combat Team.
 FY2006/2007 totals include supplemental funding of \$116.2 million and \$130 million respectively, to support the global war on terrorism (GWOT).

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: FIST VEHICLE (MOD) (GZ2300)			Weapon System Type:			Date: February 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 Cost														
1. A3 Vehicle Production														
			41606	16	2600	99071	48	2064	17540	8	2193	18623	7	2660
1. M7 Vehicle Production														
			30880	23	1343									
2. FLIR														
			3411			8655			1779			1589		
3. GFE														
			14360			9655			2075			1910		
			90257			117381			21394			22122		
SUBTOTAL														
4. Engineering Production														
			20030			19197			7752			5171		
5. Government Support														
			1553			2176			1587			1654		
6. Fielding														
			4280			6596			3522			3582		
7. Test & Evaluation														
			100			600			1145			1168		
			25963			28569			14006			11575		
SUBTOTAL														
ALL FY08 REPRESENTS GTA FUNDING														
			116220			145950			35400			33697		
			Total:											

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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 Vehicle Production										
FY 2006	BAE York PA	SS/FFP	USATACOM, Warren, Mi	Jul 06	Apr 08	16	2600	yes		
FY 2007	BAE York PA	SS/FFP	USATACOM, Warren, Mi	Nov 06	May 08	48	2064	Yes		
FY 2008 GTA	BAE York PA	SS/FFP	USATACOM, Warren, Mi	Nov 07	May 09	8	2193	yes		
FY 2009	BAE York PA	SS/FFP	USATACOM, Warren, Mi	Nov 08	May 10	7	2660	yes		
1. M7 Vehicle Production										
FY 2006	BAE York PA	SS/FFP	USATACOM, Warren, Mi	Jul 06	Apr 08	23	1343			

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

FY 10 / 11 BUDGET PRODUCTION SCHEDULE															P-1 ITEM NOMENCLATURE FIST VEHICLE (MOD) (GZ2300)										Date: February 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. A3 Vehicle Production																														
1	FY 06	A	16	16																										0
1	FY 07	A	48	48																										0
1	FY 08 GTA	A	8	8																										0
1	FY 09	A	7	0	7									7																0

1. M7 Vehicle Production																														
1	FY 06	A	23	23																										0
Total			102	95	7									7																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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	10	21	31	BFIST vehicles are produced under the Bradley Base Sustainment vehicle production contract.
							Reorder	0	2	18	20	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	162		119	45	33	38	53	51	38		539
Gross Cost	593.8		308.7	132.5	107.4	123.1	175.4	175.4	133.4		1749.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	593.8		308.7	132.5	107.4	123.1	175.4	175.4	133.4		1749.7
Initial Spares											
Total Proc Cost	593.8		308.7	132.5	107.4	123.1	175.4	175.4	133.4		1749.7
Flyaway U/C											
Weapon System Proc U/C	3.7		2.6	2.9	3.3	3.2	3.3	3.4	3.5		26.0

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:

The FY2008/2009 procures a total of 45 (12/33) M88A2 HERCULES utilizing the existing M88A1 chassis as the base vehicle and incorporating a 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 Grow the Army funding procures 33 M88A2 vehicles in support of the Army's Campaign Plan for Heavy Brigade Combat Team.

		Quantity
FY2008 Base Appropriation	\$ 36.826 Millions	12 Vehicles
FY2008 Grow the Army	\$ 95.700 Millions	33 Vehicles
FY2008 Total	\$132.526 Millions	45 Vehicles

The FY2006/2007 totals includes supplemental funding of \$0 and \$272.400 million respectively, to support the global war on terrorism (GWOT).

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
Base Appropriation													
Vehicle Manufacturing - Contractor					215189	119	1808	28292	12	2358	81267	33	2463
Vehicle Manufacturing - GFE					15940			1410			3682		
Engine Re-Power					24900								
Engine Repower Facility Vehicle					1200								
Manufacturing - TAGS					4000	280	14						
Contractor Engineering					21451			2338			9943		
Engineering Change Orders					2000			552			3221		
Project Management - Core					4000			1200			1248		
Project Management - OGA					817			939			959		
Transportation					3000			204			561		
Fielding (TPF & NET)					2241			837			1327		
Testing (incl analysis & development)					3100						2000		
Depot Maintenance - Premodification					10909			1054			3171		
Base Appropriation Total					308747			36826			107379		
Grow The Army													
Vehicle Manufacturing - Contractor								77826	33	2358			
Vehicle Manufacturing - GFE								4330					
Contractor Engineering								4155					
Engineering Change Orders								1436					
Project Management - OGA								460					
Transportation								561					
Fielding (TPF & NET)								1527					
Testing (incl analysis & development)								2000					
Depot Maintenance - Premodification								3405					
Grow The Army Total								95700					
Total:					308747			132526			107379		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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 2007	BAE Systems York, PA	SS-FFP	TACOM	Nov 06	Jan 08	119	1808	YES		Sep 06
FY 2008	BAE Systems York, PA	SS-FFP	TACOM	Nov 07	Jan 09	12	2358	YES		Sep 07
FY 2009	BAE Systems York, PA	SS-FFP	TACOM	Nov 08	Jan 10	33	2463	YES		Sep 08
Manufacturing - TAGS										
FY 2007	BAE Systems York, PA	SS-FFP	TACOM	Nov 06	Jul 07	280	14	YES		Sep 06
Grow The Army										
FY 2008	BAE Systems York, PA	SS-FFP	TACOM	Nov 07	Jan 09	33	2358	YES		Sep 07

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE IMPROVED RECOVERY VEHICLE (M88 MOD) (GA0570)	Date: February 2007
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COST ELEMENTS	Fiscal Year 07	Fiscal Year 08
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MFR	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07														Calendar Year 08										Later
						O C 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 07	A	119	0	119		A													10	10	10	10	10	10	10	10	10	29
1	FY 08	A	12	0	12													A											12
1	FY 09	A	33	0	33																								33

Manufacturing - TAGS

2	FY 07	A	280	0	280		A							140	140														0
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Grow The Army

1	FY 08	A	33	0	33												A												33
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			477	477									140	140						10	10	10	10	10	10	10	10	107		
						O C 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	

MFR	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	2	Initial	Reorder	
1	BAE Systems, York, PA	1	6	12	2	1	Initial	0	2	14	16	
							Reorder	0	2	14	16	
2	BAE Systems, York, PA	100	140	200	1	2	Initial	0	2	14	16	
							Reorder	0	0	0	0	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE IMPROVED RECOVERY VEHICLE (M88 MOD) (GA0570)	Date: February 2007
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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			
Vehicle Manufacturing - Contractor																																
1	FY 07	A	119	90	29	10	10	9																					0			
1	FY 08	A	12	0	12				1	1	1	1	1	1	1	1	1	1	1										0			
1	FY 09	A	33	0	33		A													3	3	3	3	3	3	3	2	3	3	7		
Manufacturing - TAGS																																
2	FY 07	A	280	280																										0		
Grow The Army																																
1	FY 08	A	33	0	33				3	3	3	3	3	3	2	3	3	3	3	2	2									0		
Total																																
			477	370	107	10	10	9	4	4	4	4	4	4	3	4	4	4	3	3	3	3	3	3	3	3	2	3	3	7		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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	BAE Systems, York, PA	1	6	12	2	1	Initial	0	2	14	16		
							Reorder	0	2	14	16		
2	BAE Systems, York, PA	100	140	200	1	2	Initial	0	2	14	16		
							Reorder	0	0	0	0		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

FY 11 / 12 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE IMPROVED RECOVERY VEHICLE (M88 MOD) (GA0570)	Date: February 2007
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COST ELEMENTS					Fiscal Year 11													Fiscal Year 12													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 11													Calendar Year 12													
						O C 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 07	A	119	119																									0			
1	FY 08	A	12	12																									0			
1	FY 09	A	33	26	7	3	2	2																					0			
Manufacturing - TAGS																																
2	FY 07	A	280	280																										0		
Grow The Army																																
1	FY 08	A	33	33																										0		
Total																																
					7	3	2	2																								
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				

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	2	Initial	Reorder			Initial	Reorder			
1	BAE Systems, York, PA	1	6	12	2	1	Initial	0	2	14	16	
							Reorder	0	2	14	16	
2	BAE Systems, York, PA	100	140	200	1	2	Initial	0	2	14	16	
							Reorder	0	0	0	0	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 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:

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	464	162	10	111	68	60					875
Gross Cost	306.7	152.9	20.3	101.7	66.7	56.0	5.8				710.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	306.7	152.9	20.3	101.7	66.7	56.0	5.8				710.0
Initial Spares											
Total Proc Cost	306.7	152.9	20.3	101.7	66.7	56.0	5.8				710.0
Flyaway U/C											
Weapon System Proc U/C	0.7	0.9	2.0	0.9	1.0	0.9					6.5

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 2008/2009 Base Appropriation procures 53/68 (Total 121) M119A2 105mm howitzers.

FY 2008 Grow the Army funding procures 58 M119A2 105mm howitzers and replaces tools and fixtures required for the additional procurement.

FY 2008 Base Appropriation: \$ 48.902M
 FY 2008 Grow the Army: \$ 52.800M
 FY 2008 Total: \$101.702M

FY 2006 total includes supplemental funding of \$152.9 million to support the Global War on Terrorism (GWOT). There were no supplemental funds for FY 2007.

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: HOWITZER, LIGHT, TOWED, 105MM, M119 (G01300)			Weapon System Type:			Date: February 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
M119A2 105mm Howitzer Production			139482	162	861	7800	10	780	39432	53	744	53484	68	787
Basic Issue Items & Initial Spares			993			388			874			1224		
Test / Acceptance			2966			4882			1045			2496		
System Eng / Program Mgt / Fielding			9459			7217			7551			9512		
Base SUBTOTAL			152900			20287			48902			66716		
FY 2008 Grow the Army														
M119A2 105mm Howitzer Production									43152	58	744			
Basic Issue Items & Initial Spares									1000					
Test / Acceptance									1200					
System Eng / Program Mgt / Fielding									7448					
Grow the Army SUBTOTAL									52800					
Total:			152900			20287			101702			66716		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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
M119A2 105mm Howitzer Production										
FY 2006	Rock Island Arsenal Rock Island, IL	PWD		Aug 06	Aug 07	162	861			
FY 2007	Rock Island Arsenal Rock Island, IL	PWD		Oct 06	Dec 08	10	780			
FY 2008	Rock Island Arsenal Rock Island, IL	PWD		Oct 07	Jan 09	53	744			
FY 2009	Rock Island Arsenal Rock Island, IL	PWD		Oct 08	Dec 09	68	787			
FY 2008 Grow the Army										
FY 2008	Rock Island Arsenal Rock Island, IL	PWD		Oct 07	Jan 09	58	744			

REMARKS: Funds are provided to Rock Island Arsenal via Procurement Work Directive (PWD) for M119A2 production.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
HOWITZER, LIGHT, TOWED, 105MM, M119 (G01300)

Date:
February 2007

COST ELEMENTS					Fiscal Year 07													Fiscal Year 08												Later		
					Calendar Year 07													Calendar Year 08														
MFR	FY	S E R V	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
																														M119A2 105mm Howitzer Production		
1	FY 06	A	162	0	162																										10	
1	FY 07	A	10	0	10	A																										
1	FY 08	A	53	0	53													A														53
1	FY 09	A	68	0	68																											68
FY 2008 Grow the Army																				A												
1	FY 08	A	58	0	58																											58
Total					351	351											6	8	10	10	10	10	10	10	10	10	10	10	10	10	217	

MFR	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	0	0	Funds are provided to Rock Island Arsenal via Procurement Work Directive (PWD) for M119A2 Production.
							Reorder	0	0	0	
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				

FY 09 / 10 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
HOWITZER, LIGHT, TOWED, 105MM, M119 (G01300)

Date: February 2007

COST ELEMENTS						Fiscal Year 09													Fiscal Year 10													Later
MFR	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			
M119A2 105mm Howitzer Production																																
1	FY 06	A	162	134	28	10	10	8																				0				
1	FY 07	A	10	0	10			2	8																			0				
1	FY 08	A	53	0	53			1	5	5	5	5	5	5	5	5	5	5	2									0				
1	FY 09	A	68	0	68	A												1	10	10	10	10	10	10	10	7		0				
FY 2008 Grow the Army																																
1	FY 08	A	58	0	58			1	5	5	5	5	5	5	5	5	5	5	7									0				
Total																																
			351	134	217	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	7						
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

MFR	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	0	0	Funds are provided to Rock Island Arsenal via Procurement Work Directive (PWD) for M119A2 production.
							Reorder	0	0	0	
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	73848	2525	3085	2900	1825	1729	1640				87552
Gross Cost	417.2	34.3	31.1	45.1	29.9	29.6	29.3				616.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	417.2	34.3	31.1	45.1	29.9	29.6	29.3				616.5
Initial Spares											
Total Proc Cost	417.2	34.3	31.1	45.1	29.9	29.6	29.3				616.5
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.1

Description:
 The M240 class machine guns are available in different configurations for various applications. The M240 Machine Gun is a ground version of the original M240 Machine Gun, 7.62MM Medium Machine Gun class weapon, designed as a coaxial/pintle-mounted weapon for tanks and light armored vehicles. The M240B also includes: a flash suppressor, front sight, carrying handle 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 mount pintle. The M240H is a variant of this same family of Machine Guns and will be employed as the self 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 will have a spade grip trigger assembly. It will also require 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 M240E6 (FY08 production 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. The weight reduction will be accomplished through the use of lightweight materials and innovative manufacturing techniques.

Justification:
 FY2008/FY2009 procures 2,308/1,825 M240E6 Light Weight Machine guns. The M240E6 will significantly reduce the weight of the current M240B while maintaining the same level of reliability. The M240E6 will replace the M240 in Special Forces/Rangers, Light Infantry and Airborne units.

FY 2008 Grow the Army (GTA) funding procures 592 M240E6's.

FY 2008 Base Appropriation: \$37.096M
 FY 2008 Grow The Army: \$7.989M
 FY 2008 Total: \$45.085M

FY2006/FY2007 totals include supplemental funding \$20.7 million and \$21.6 million respectively to support the global war on terrorism.

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: February 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	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. M240 Series Weapons (Incls Blank Firing Device)													
Hardware (Infantry Version - M240B)	A	15880	1900	8	24986	2892	9						
Hardware Conversion (M240-M240B) *	A	6357	1000	6									
Hardware (Aviation Version - M240H)	A	6300	625	10	1987	193	10						
Hardware (Light Weight Version - M240E6)	B							32522	2308	14	26189	1825	14
2. Engineering Support		2756			2566			2900			2281		
3. Integrated Logistics Support		300			275			350			250		
4. Engineering Change Proposals		226			230			250			250		
5. Total Package Fielding		500			500			400			399		
6. Engineering Studies		350			287			300			300		
7. New Equipment Training		125			125			250			150		
8. First Destination Transportation		105			155			124			98		
9. RFI - Barrel Bags		1401			26								
10. GTA Hardware M240E6								7989	592	13			
Total:		34300			31137			45085			29917		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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
1. M240 Series Weapons Hardware (Infantry Version - M240B) FY 2006 FN Mfg Inc., Columbia, SC SS/FFP TACOM RI, Rock Island, IL Aug 06 Jun 07 1900 8										
FY 2007 TBS C/FFP TACOM RI, Rock Island, IL Feb 07 Jul 08 2892 9 Yes										
Hardware Conversion (M240-M240B) * FY 2006 Anniston Army Depot Anniston, AL SS/CR TACOM RI, Rock Island, IL Mar 06 Jun 06 1000 6 Yes										
Hardware (Aviation Version - M240H) FY 2006 FN Mfg Inc., Columbia, SC Option TACOM RI, Rock Island, IL Jan 06 Nov 06 625 10										
FY 2007 FN Mfg Inc., Columbia, SC Option TACOM RI, Rock Island, IL Jan 07 Mar 07 193 10 Yes										
Hardware (Light Weight Version - M240E6) FY 2008 TBS C/FFP TACOM RI, Rock Island, IL Jan 08 Feb 09 2308 14 No Aug 07										
FY 2008 G TBS C/FFP TACOM RI, Rock Island, IL Jan 08 Dec 09 592 14 No Aug 07										
FY 2009 TBS Option TACOM RI, Rock Island, IL Feb 09 Feb 10 1825 14 No Aug 07										

REMARKS: * The FY06 conversion of 1,000 M240 machine guns to the M240B machine guns are not new weapon purchases and therefore are not reflected on the P40. The conversions are an upgrade to existing inventory of M240 machine guns which improves Soldier lethality and survivability

FY 07 / 08 BUDGET PRODUCTION SCHEDULE											P-1 ITEM NOMENCLATURE M240 Medium Machine Gun (7.62mm) (G13000)								Date: February 2007				
----------------------------------------------	--	--	--	--	--	--	--	--	--	--	--------------------------------------------------------------------	--	--	--	--	--	--	--	------------------------	--	--	--	--

COST ELEMENTS						Fiscal Year 07											Fiscal Year 08											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 07											Calendar Year 08											
						O C 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	

1. M240 Series Weapons

Hardware (Infantry Version - M240B)

1	FY 06 P	A	5735	0	5735	83	207	349	370	500	593	850	850	203	245	310	313	325	311	226								0	
3	FY 07	A	2892	0	2892					A															50	100	150	2592	
1	FY 06 P	AF	2	0	2									2														0	
1	FY 06 P	CG	798	550	248	100	83	65																				0	
1	FY 06 P	FMS	47	0	47									15	20	12												0	
1	FY 06 P	MC	3302	671	2631	134	125							337	250	350	350	350	329	61	345							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	FN Mfg Inc., Columbia, SC	1200			3500	10500	6	1	
2	Anniston Army Depot, Anniston, AL	1200	3000	4200	6	2	Initial Reorder	6 3	6 6	16 16	22 22
3	TBS, TBS	1200	3000	4200	6	3	Initial Reorder	6 3	3 4	14 13	17 17
							Initial Reorder				
							Initial Reorder				

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE M240 Medium Machine Gun (7.62mm) (G13000)	Date: February 2007
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COST ELEMENTS						Fiscal Year 07													Fiscal Year 08													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 07													Calendar Year 08																	
						O C 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 06 P	NA	3035	463	2572	190	199	236	280	300	257				146	200	200	200	200	164																0
Hardware Conversion (M240-M240B) *																																				
2	FY 06 P	A	1000	365	635				235	240	160																							0		
Hardware (Aviation Version - M240H)																																				
1	FY 06 P	A	625	0	625		175	200	200	50																								0		
1	FY 07	A	193	0	193				A		147	46																						0		
1	FY 06 P	CG	53	0	53					53																								0		
Hardware (Light Weight Version - M240E6)																																				
3	FY 08 GTA	A	592	0	592																													592		
O C 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			2	3				Prior 1 Oct	After 1 Oct
													Initial	Reorder
1	FN Mfg Inc., Columbia, SC	1200	3500	10500	6	1	Initial	6	5	13	18			
							Reorder	3	3	7	10			
2	Anniston Army Depot, Anniston, AL	1200	3000	4200	6	2	Initial	6	6	16	22			
							Reorder	3	6	16	22			
							Initial	6	3	14	17			
							Reorder	3	4	13	17			
							Initial							
							Reorder							
							Initial							
							Reorder							

FY 07 / 08 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
M240 Medium Machine Gun (7.62mm) (G13000)

Date: February 2007

COST ELEMENTS						Fiscal Year 07																	Fiscal Year 08										
MFR	FY	SERV	PROC QTY	ACCEP PRIOR	BAL DUE	Calendar Year 07																	Calendar Year 08										Later
						TO 1 OCT	AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
3	FY 08	A	2308	0	2308																	A									2308		
3	FY 09	A	1825	0	1825																									1825			
Total					22407	2049	20358	507	789	850	1085	1143	1157	896	850	701	717	872	863	875	804	287	345							50	100	150	7317
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					

MFR	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	FN Mfg Inc., Columbia, SC	1200			3500	10500				6
2	Anniston Army Depot, Anniston, AL	1200	3000	4200	6	2	Initial	6	6	16	22	
3	TBS, TBS	1200	3000	4200	6	3	Initial	6	3	14	17	
							Reorder	3	4	13	17	
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE												P-1 ITEM NOMENCLATURE M240 Medium Machine Gun (7.62mm) (G13000)											Date: February 2007			
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COST ELEMENTS					Fiscal Year 09															Fiscal Year 10															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 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. M240 Series Weapons

Hardware (Infantry Version - M240B)

1	FY 06 P	A	5735	5735																														0
3	FY 07	A	2892	300	2592	200	250	300	350	350	350	350	350	92																				0
1	FY 06 P	AF	2	2																														0
1	FY 06 P	CG	798	798																														0
1	FY 06 P	FMS	47	47																														0
1	FY 06 P	MC	3302	3302																														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	FN Mfg Inc., Columbia, SC	1200	3500	10500	6	1	Initial	6	
							Reorder	3	3	7	10
2	Anniston Army Depot, Anniston, AL	1200	3000	4200	6	2	Initial	6	6	16	22
							Reorder	3	6	16	22
						3	Initial	6	3	14	17
							Reorder	3	4	13	17
							Initial				
							Reorder				
							Initial				
							Reorder				

FY 09 / 10 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE M240 Medium Machine Gun (7.62mm) (G13000)										Date: February 2007	
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COST ELEMENTS						Fiscal Year 09													Fiscal Year 10												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 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	FY 06 P	NA	3035	3035																													0

Hardware Conversion (M240-M240B) *																																	
2	FY 06 P	A	1000	1000																													0

Hardware (Aviation Version - M240H)																																	
1	FY 06 P	A	625	625																													0
1	FY 07	A	193	193																													0
1	FY 06 P	CG	53	53																													0

Hardware (Light Weight Version - M240E6)																																
3	FY 08 GTA	A	592	0	592																142	250	200									0

						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
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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	FN Mfg Inc., Columbia, SC	1200	3500	10500	6	1	Initial	6	5	13	18	
							Reorder	3	3	7	10	
2	Anniston Army Depot, Anniston, AL	1200	3000	4200	6	2	Initial	6	6	16	22	
							Reorder	3	6	16	22	
						3	Initial	6	3	14	17	
							Reorder	3	4	13	17	
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	2423			2040	610	1180	1160	1125	1110		9648
Gross Cost	14.9			32.3	10.0	19.5	19.8	20.1	20.4		137.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	14.9			32.3	10.0	19.5	19.8	20.1	20.4		137.0
Initial Spares											
Total Proc Cost	14.9			32.3	10.0	19.5	19.8	20.1	20.4		137.0
Flyaway U/C											
Weapon System Proc U/C	0.0			0.0	0.0	0.0	0.0	0.0	0.0		0.1

Description:

The M2 .50 Caliber Machine Gun is an automatic, belt-fed, recoil-operated, and air-cooled crew-served weapon. It mounts on the M3 tripod on most vehicles, and serves as an anti-personnel and anti-aircraft weapon. It is highly effective against light armored vehicles, low- and slow-flying aircraft, and small boats. The M2 provides automatic weapon suppressive fire for offensive and defensive purposes. It is capable of single-shot and automatic fire. The M2 Machine Gun will be an Army production New Start in FY08.

Justification:

FY 2008/FY 2009 procures 1,150/610 M2 Machine Guns to alleviate a critical shortage of serviceable M2 Machine Guns for our Soldiers who are participating in Operation Iraqi Freedom and Operation Enduring Freedom. Inventories of the weapon in the depots have been severely depleted. This request is based on deficiencies identified from on-going combat operations in Afghanistan and Iraq.

FY 2008 Grow the Army (GTA) funding procures 890 M2 Machine Guns.

FY 2008 Base Appropriation \$19.000M
 FY 2008 Grow the Army \$13.317M
 FY 2008 Total \$32.317M

FY2006/07 totals include supplemental funding \$0.0 million and \$0.0 million respectively to support the global war on terrorism.

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	2423			2040	610	1180	1160	1125	1110		9648
Gross Cost	14.9			32.3	10.0	19.5	19.8	20.1	20.4		137.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	14.9			32.3	10.0	19.5	19.8	20.1	20.4		137.0
Initial Spares											
Total Proc Cost	14.9			32.3	10.0	19.5	19.8	20.1	20.4		137.0
Flyaway U/C											
Weapon System Proc U/C	0.0			0.0	0.0	0.0	0.0	0.0	0.0		0.1

Description:

The M2 .50 Caliber Machine Gun is an automatic, belt-fed, recoil-operated, and air-cooled crew-served weapon. It mounts on the M3 tripod on most vehicles, and serves as an anti-personnel and anti-aircraft weapon. It is highly effective against light armored vehicles, low- and slow-flying aircraft, and small boats. The M2 provides automatic weapon suppressive fire for offensive and defensive purposes. It is capable of single-shot and automatic fire. The M2 Machine Gun will be an Army production New Start in FY08.

Justification:

FY2008/FY2009 procures 1,150/610 M2 Machine Guns to alleviate a critical shortage of serviceable M2 Machine Guns for our Soldiers who are participating in Operation Iraqi Freedom and Operation Enduring Freedom. Inventories of the weapon in the depots have been severely depleted. This request is based on deficiencies identified from on-going combat operations in Afghanistan and Iraq.

FY2008 Grow the Army (GTA) funding procures 890 M2 Machine Guns.

FY 2008 Base Appropriation \$19.000M
 FY 2008 Grow the Army \$13.317M
 FY 2008 Total \$32.317M

FY2006/07 totals include supplemental funding \$0.0 million and \$0.0 million respectively to support the global war on terrorism.

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
HARDWARE													
M2 System	A						16675	1150	15	8845	610	15	
Production Engineering							766			450			
Integrated Logistics Support							300			150			
Production Verification Test / FAT							300						
Fielding							300			210			
First Destination Transportation							85			45			
Engineering Studies							574			300			
TOTAL							19000			10000			
GROW THE ARMY (GTA)													
GTA Hardware M2 System	A						12905	890	15				
GTA Support							412						
Total:							32317			10000			

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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 Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M2 System										
FY 2008	Gen Dyn-Armament & Tech Prod Burlington, VT	SS/FFP	TACOM-RI, Rock Island IL	Apr 08	Jan 09	500	15	Yes		
FY 2008	TBS TBS	C/Other*	TACOM-RI, Rock Island IL	Aug 08	May 09	325	15	Yes		
FY 2008	TBS TBS	C/Other*	TACOM-RI, Rock Island IL	Aug 08	May 09	325	15	Yes		
FY 2009	TBS TBS	Option*	TACOM-RI, Rock Island IL	Nov 08	Dec 09	610	15			
GTA Hardware M2 System										
FY 2008 GTA	Gen Dyn-Armament & Tech Prod Burlington, VT	SS/FFP	TACOM-RI, Rock Island IL	Apr 08	Mar 09	500	15	Yes		
FY 2008 GTA	TBS TBS	C/Other*	TACOM-RI, Rock Island IL	Aug 08	Oct 09	195	15	Yes		
FY 2008 GTA	TBS TBS	C/Other*	TACOM-RI, Rock Island IL	Aug 08	Oct 09	195	15	Yes		

REMARKS: The Army's last production contract for the M2 Machine Gun expired in the late 1980's.

* FY08 funds will procure M2's using both a sole source contract to maintain required delivery schedule; and a new competitive Indefinite Delivery Indefinite Quantity (IDIQ) procurement action with two production winners to establish a second producer.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE MACHINE GUN, CAL .50 M-2 FLEX (G10900)	Date: February 2007
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COST ELEMENTS						Fiscal Year 07												Fiscal Year 08												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 07												Calendar Year 08												
						O C 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	

M2 System																														
1	FY 08	A	500	0	500																						A	500		
2	FY 08	A	325	0	325																						A	325		
3	FY 08	A	325	0	325																						A	325		
2	FY 09	A	610	0	610																							610		
1	FY 06 P	AF	23	0	23																				23		0			
1	FY 06 P	FMS	519	0	519	50	50	50	50	50	50	50	50	50	69													0		
1	FY 06 P	MC	1782	0	1782	50	50	50	50	50	50	50	50	131	200	200	150	150	150	150	150	150	51			0				
1	FY 07	MC	461	0	461																83	150	150	78			0			
1	FY 06 P	NA	293	0	293												50	50	50	50	50	43					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			1	Initial				Prior 1 Oct	After 1 Oct
1	Gen Dyn-Armament & Tech Prod, Burlington, VT	300	2400	3000		1	Initial	3	6	10	16		
							Reorder	3	1	6	7		
2	TBS, TBS	300	2400	3000		2	Initial	3	10	10	20		
							Reorder	3	1	12	13		
3	TBS, TBS	300	2400	3000		3	Initial	3	10	10	20		
							Reorder	3	1	12	13		
							Initial						
							Reorder						
							Initial						
							Reorder						

COST ELEMENTS					Fiscal Year 07										Fiscal Year 08										Later						
MFR	FY	SERV	PROC QTY Units	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07										Calendar Year 08															
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY	JUN	JUL	AUG	SEP	
1	FY 07	NA	564	0	564																				50	50	122	200	142		
GTA Hardware M2 System																															
1	FY 08	A	500	0	500																										
2	FY 08	A	195	0	195																										
3	FY 08	A	195	0	195																										
Total			6292		6292	100	100	100	100	100	100	100	100	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	142	2650	

MFR	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	Gen Dyn-Armament & Tech Prod, Burlington, VT	300	2400	3000		1	Initial	3	6	10	16
							Reorder	3	1	6	7
2	TBS, TBS	300	2400	3000		2	Initial	3	10	10	20
							Reorder	3	1	12	13
3	TBS, TBS	300	2400	3000		3	Initial	3	10	10	20
							Reorder	3	1	12	13

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE MACHINE GUN, CAL .50 M-2 FLEX (G10900)	Date: February 2007
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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	

M2 System																															
1	FY 08	A	500	0	500				200	200	100																			0	
2	FY 08	A	325	0	325								50	50	50	75	75	25													0
3	FY 08	A	325	0	325								50	50	50	75	75	25													0
2	FY 09	A	610	0	610		A												55	100	100	100	100	100	100	55				0	
1	FY 06 P	AF	23	23																											0
1	FY 06 P	FMS	519	519																											0
1	FY 06 P	MC	1782	1782																											0
1	FY 07	MC	461	461																											0
1	FY 06 P	NA	293	293																											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	Initial	3			6	10	16			
1	Gen Dyn-Armament & Tech Prod, Burlington, VT	300	2400	3000		1	Initial	3	6	10	16	
						1	Reorder	3	1	6	7	
2	TBS, TBS	300	2400	3000		2	Initial	3	10	10	20	
						2	Reorder	3	1	12	13	
3	TBS, TBS	300	2400	3000		3	Initial	3	10	10	20	
						3	Reorder	3	1	12	13	
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE MACHINE GUN, CAL .50 M-2 FLEX (G10900)	Date: February 2007
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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	

GTA Hardware M2 System																													
1	FY 08	A	500	0	500																								0
2	FY 08	A	195	0	195																								0
3	FY 08	A	195	0	195																								0
Total			6292	3642	2650				200	200	200	200	300	100	100	150	150	150	200	145	100	100	100	100	100	55			
						O C 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	Gen Dyn-Armament & Tech Prod, Burlington, VT	300	2400	3000		1	Initial	3	6	10	16		
							Reorder	3	1	6	7		
2	TBS, TBS	300	2400	3000		2	Initial	3	10	10	20		
							Reorder	3	1	12	13		
3	TBS, TBS	300	2400	3000		3	Initial	3	10	10	20		
							Reorder	3	1	12	13		
							Initial						
							Reorder						
							Initial						
							Reorder						

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	87281	7713	5689	10839	8167	7884	7610				135183
Gross Cost	249.7	27.5	25.5	44.6	35.0	34.7	34.3				451.3
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc PI	249.7	27.5	25.5	44.6	35.0	34.7	34.3				451.3
Initial Spares											
Total Proc Cost	249.7	27.5	25.5	44.6	35.0	34.7	34.3				451.3
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0

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 M151A1 rifles in a rifle squad on a one-on-one basis 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. The Army M249 SAW configuration was changed in October 1989 to include a spare barrel, additional heat shield, and barrel bag. 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:

FY 2008/FY 2009 procures 8,382/8,167 M249 Machine Guns to support the new modular force structure.

FY 2008 Grow the Army (GTA) funding procures 2,457 M249 Machine Guns.

FY 2008 Base Appropriation: \$35.335M
 FY 2008 Grow the Army (GTA): \$ 9.241M
 FY 2008 Total: \$44.576M

FY2006/07 totals include supplemental funding \$27.4 million and \$22.2 million respectively to support the global war on terrorism.

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: February 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. M249 SAW Weapon	A		23806	7713	3.1	21694	5689	3.8	31190	8382	3.7	30857	8167	3.8
2. Engineering Support			1642			2029			2300			2375		
3. Testing			170			300								
4. Integrated Logistics Support (ILS)			238			296			250			250		
5. Total Package Fielding (TPF)			370			300			320			310		
6. Engineering Studies			1045			600			1000			1000		
7. First Destination Transportation (FDT)			175			200			200			200		
8. RFI - Barrel Bags			70			82			75					
9. GTA M249 SAW Weapon	A								9091	2457	3.7			
10. GTA Support (FDT/TPF)									150					
Total:			27516			25501			44576			34992		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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: M249 SAW Machine Gun (5.56mm) (G12900)							
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. M249 SAW Weapon										
FY 2006	FN Mfg Inc Columbia SC	Option	TACOM-Picatinny, Picatinny, NJ	Sep 06	May 07	7713	3.1			
FY 2007	FN Mfg Inc Columbia SC	SS/FFP	TACOM-Picatinny, Picatinny, NJ	Jul 07	Apr 08	2689	3.8	Yes		
FY 2007	TBS TBS	C/FFP	TACOM-Picatinny, Picatinny, NJ	Aug 07	Jun 08	3000	3.8	Yes		
FY 2008	TBS TBS	Option	TACOM-Picatinny, Picatinny, NJ	Jun 08	Mar 09	8382	3.7	Yes		
FY 2009	TBS TBS	Option	TACOM-Picatinny, Picatinny, NJ	Mar 09	May 10	8167	3.8			
9. GTA M249 SAW Weapon										
FY 2008 GTA	TBS TBS	Option	TACOM-Picatinny, Picatinny, NJ	Jun 08	Mar 09	2457	3.7	Yes		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE M249 SAW Machine Gun (5.56mm) (G12900)	Date: February 2007
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COST ELEMENTS					Fiscal Year 07															Fiscal Year 08															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 07															Calendar Year 08															
						O C 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. M249 SAW Weapon

1	FY 06 P	A	12414	1710	10704	310	430	550	550	570	550	31	466	750	750	750	750	750	750	750	750	750	497											0		
1	FY 07	A	2689	0	2689																					500	500	400	350	300	250	389				
2	FY 07	A	3000	0	3000											A																			2300	
2	FY 08	A	8382	0	8382																															8382
2	FY 09	A	8167	0	8167																															8167
1	FY 06 P	AF	71	0	71								35	36																					0	
1	FY 06 P	FMS	507	0	507								293	214																					0	
1	FY 06 P	MC	1497	200	1297	40	100	179	200	200	200	357								21															0	
1	FY 06 P	OTH	26	0	26								6	20																					0	

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	FN Mfg Inc, Columbia SC	1500	3000	9000	18	1	Initial	3	9	10	19	
							Reorder	3	4	10	14	
2	TBS, TBS	1500	3800	11400	18	2	Initial	3	10	11	21	
							Reorder	3	5	13	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE M249 SAW Machine Gun (5.56mm) (G12900)	Date: February 2007
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COST ELEMENTS						Fiscal Year 09													Fiscal Year 10													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 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. M249 SAW Weapon																														
1	FY 06 P	A	12414	12414																										0
1	FY 07	A	2689	2300	389	200	150	39																						0
2	FY 07	A	3000	700	2300	300	350	400	450	500	300																			0
2	FY 08	A	8382	0	8382						282	650	700	750	750	750	750	750	750	750	750								0	
2	FY 09	A	8167	0	8167						A											50	711	750	750	750	750	750	750	2906
1	FY 06 P	AF	71	71																										0
1	FY 06 P	FMS	507	507																										0
1	FY 06 P	MC	1497	1497																										0
1	FY 06 P	OTH	26	26																										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	FN Mfg Inc, Columbia SC	1500	3000	9000	18	1	Initial	3	9	10	19	FY08 PB and FY08 GTA buys may require an additional contract vehicle to meet the twelve month delivery schedule.
							Reorder	3	4	10	14	
2	TBS, TBS	1500	3800	11400	18	2	Initial	3	10	11	21	
							Reorder	3	5	13	18	
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE												P-1 ITEM NOMENCLATURE M249 SAW Machine Gun (5.56mm) (G12900)										Date: February 2007	
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COST ELEMENTS					Fiscal Year 09														Fiscal Year 10														Later	
MFR	FY	S E R V	PROC QTY Each	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					

9. GTA M249 SAW Weapon																																				
2	FY 08 GTA	A	2457	0	2457																															0
Total																																				
					O C 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								

MFR	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	FN Mfg Inc, Columbia SC	1500			3000	9000	18	1		Initial
							Reorder	3	4	10	14	
2	TBS, TBS	1500	3800	11400	18	2	Initial	3	10	11	21	
							Reorder	3	5	13	18	
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 11 / 12 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE M249 SAW Machine Gun (5.56mm) (G12900)	Date: February 2007
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COST ELEMENTS						Fiscal Year 11														Fiscal Year 12														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 11														Calendar Year 12														
						O C 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. M249 SAW Weapon																														
1	FY 06 P	A	12414	12414																										0
1	FY 07	A	2689	2689																										0
2	FY 07	A	3000	3000																										0
2	FY 08	A	8382	8382																										0
2	FY 09	A	8167	5261	2906	750	750	750	656																					0
1	FY 06 P	AF	71	71																										0
1	FY 06 P	FMS	507	507																										0
1	FY 06 P	MC	1497	1497																										0
1	FY 06 P	OTH	26	26																										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	FN Mfg Inc, Columbia SC	1500	3000	9000	18	1	3	9	10	19	
							3	4	10	14	
2	TBS, TBS	1500	3800	11400	18	2	3	10	11	21	
							3	5	13	18	

FY 11 / 12 BUDGET PRODUCTION SCHEDULE														P-1 ITEM NOMENCLATURE M249 SAW Machine Gun (5.56mm) (G12900)										Date: February 2007										
COST ELEMENTS					Fiscal Year 11													Fiscal Year 12											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 11													Calendar Year 12															
						O C 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				
9. GTA M249 SAW Weapon																																		
2	FY 08 GTA	A	2457	2457																														0
Total			39210	36304	2906	750	750	750	656																									
<div style="display: flex; justify-content: space-around; font-weight: bold; font-size: small;"> OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP </div>																																		

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	FN Mfg Inc, Columbia SC	1500	3000	9000	18	1	Initial	3	9	10	19	
							Reorder	3	4	10	14	
2	TBS, TBS	1500	3800	11400	18	2	Initial	3	10	11	21	
							Reorder	3	5	13	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	22280	1243	502	1683							25708
Gross Cost	374.9	26.7	11.8	36.4							449.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	374.9	26.7	11.8	36.4							449.8
Initial Spares											
Total Proc Cost	374.9	26.7	11.8	36.4							449.8
Flyaway U/C											
Weapon System Proc U/C	0.0										0.0

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 (HMMWVs), 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:
FY2008/FY2009 procures 970/0 MK-19 Grenade Machine Guns to meet urgent requirements for Operation Iraqi Freedom and Operation Enduring Freedom and the Army's Modular Force transformation.

FY08 Grow the Army funding procures 713 MK-19 Grenade Machine Guns.

FY 2008 Base Appropriation: \$21.000M
 FY 2008 Grow the Army \$15.448M
 FY 2008 Total \$36.448M

FY2006/FY2007 totals include supplemental funding \$18.3 million and \$10.050 million respectively to support the global war on terrorism.

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: February 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. MK-19 Hardware		A	22452	1243	18	8096	502	16	17473	970	18			
2. GFM			475	686		2283			357	396				
3. Engineering Support			2194			1026			1950					
4. Integrated Logistics Support (ILS)			50			100			50					
5. Fielding			900			200			713					
6. First Destination Transportation			188						143					
7. Arms Rack			415						314					
8. New Equipment Training						63								
9. GTA MK-19 Hardware									12821	713	18			
10. GTA GFM									1161	1297				
11. GTA Arms Rack									1466					
Total:			26674			11768			36448					

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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 Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. MK-19 Hardware										
FY 2006	Gen Dyn Armament & Tech Prod Saco, Maine	Option	TACOM- Picatinny, Picatinny, NJ	Sep 06	Aug 07	1243	18			
FY 2007	Gen Dyn Armament & Tech Prod Saco, Maine	SS/FFP	TACOM- Picatinny, Picatinny, NJ	Jun 07	Mar 08	502	16	Yes		
FY 2008	Gen Dyn Armament & Tech Prod Saco, Maine	Option*	TACOM- Picatinny, Picatinny, NJ	Jul 08	Feb 09	970	18	Yes		
9. GTA MK-19 Hardware										
FY 2008 GTA	Gen Dyn Armament & Tech Prod Saco, Maine	Option*	TACOM- Picatinny, Picatinny, NJ	Jul 08	Jul 09	713	18	Yes		

REMARKS: * This schedule does not reflect the FY 07 Supplemental or the possibility of multiple contractors. Receipt of FY 07 Supplemental permits multiple contractors.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE MK-19 Grenade Machine Gun (40mm) (G13400)	Date: February 2007
----------------------------------------------	--------------------------------------------------------------------	------------------------

COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														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 07														Calendar Year 08														
						O C 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. MK-19 Hardware																															
1	FY 06 P	A	2340	291	2049	70	70	69	80	80	80	80	80	80	70	80	100	110	110	110	110	110	110	110	110	110	50	70	0		
1	FY 07	A	502	0	502									A											20	30	40	50	50	50	212
1	FY 08	A	970	0	970																						A			970	

9. GTA MK-19 Hardware																																
1	FY 08 GTA	A	713	0	713																							A		713		
			4525	291	4234	70	70	69	80	80	80	80	80	80	70	80	100	110	110	110	110	110	110	110	130	140	150	160	100	120	50	1895
						O C 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								
1	Gen Dyn Armament & Tech Prod, Saco, Maine	600	2400	3600	18	1	Initial	4	8	10	18	
							Reorder	4	9	8	17	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	3259	776		84	18						4137
Gross Cost	262.8	65.7		9.0	3.3						340.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	262.8	65.7		9.0	3.3						340.8
Initial Spares											
Total Proc Cost	262.8	65.7		9.0	3.3						340.8
Flyaway U/C											
Weapon System Proc U/C	0.2	0.2		0.0	0.0						0.4

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:

FY08/FY09 procures 35/18 M252A1 81MM Light Weight Mortar Weapon Systems to Active Force Interim Brigade Combat Teams or Rangers.

FY08 Grow The Army funding procures 15 M224 60mm, 9 M252A1 81mm, 13 M120 120mm, and 12 M313 120mm Mortar Weapon Systems.

FY 2008 Base Appropriation \$4.320M
 FY 2008 GTA \$4.704M
 FY 2008 Total \$9.024M

FY06/07 totals include supplemental funding of \$60.5 million and 0 million respectively, to support the global war on terrorism (GWOT).

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
FY08 BASE REQUEST													
HARDWARE													
Mortar Wpns Systems Contract		32017	776	41				1274	35	36	668	18	37
60mm Cannon Tube and Baseplates		2909	126	23									
60mm Bipods		469	126	4									
Quickstow		12000	520	23									
Basic Issue and Direct Support Tools		7741	776	10									
M67 Sight Units		1200	395	3									
M1101 Cargo Trailer		1576	190	8									
SUBTOTAL HARDWARE		57912						1274			668		
PRODUCTION SUPPORT													
Operations and New Equipment Training		2129						500			500		
Production Engineering		3625						1227			975		
Government ILS								265			270		
Proof and Acceptance		697						318			324		
SUBTOTAL PRODUCTION SUPPORT		6451						2310			2069		
NON-RECURRING COSTS													
First Article Test		1334						630			540		
Manuals								106					
SUBTOTAL NON-RECURRING COSTS		1334						736			540		
COSTS													
FY08 Grow The Army													
60mm Cannon Tube								300	15	20			
60mm Bipods / Baseplates								360	15	24			
60mm Basic Issue / Direct Support Tools								74	15	5			
81MM Cannon Tube								315	9	35			
81mm Bipods / Baseplates								225	9	25			
81mm Basic Issue / Direct Support Tools								115	9	13			
120mm, M120 System								975	13	75			
120mm Basic Issue / Direct Support Tools								351	31	11			
120mm, M313 Insert								120	12	10			

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: February 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
M313 Basic Issue / Direct Support Tools								152	12	13			
Quick Stow								300	12	25			
M67 Sight Units								196	28	7			
M1101 Trailers								120	12	10			
Subtotal HARDWARE								3603					
PRODUCTION SUPPORT													
Production Engineering								580					
Operations and New Equipment Training								54					
Proof and Acceptance								24					
Subtotal Production Support								658					
NON-RECURRING COSTS													
First Article Test								388					
Staging								55					
Subtotal Non-Recurring Costs								443					
TOTAL		65697						9024			3277		
Total:		65697						9024			3277		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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
Mortar Wpns Systems Contract										
FY 2006	General Dynamics, OTS St. Petersburg, Fla.	C/FP	Picatinny, NJ	Apr 06	Apr 07	776	41	Yes		
FY 2008	General Dynamics, OTS St. Petersburg, Fla.	C/Option	Picatinny, NJ	Mar 08	Mar 09	35	36	Yes		
FY 2009	General Dynamics, OTS St. Petersburg, Fla.	C/Option	Picatinny, NJ	Mar 09	Mar 10	18	37	Yes		
60mm Cannon Tube and Baseplates										
FY 2006		WR/FP	Picatinny, NJ	Sep 06	Sep 07	126	23	Yes		
60mm Bipods										
FY 2006		C/FP	Rock Island, IL	Sep 06	Sep 07	126	4	Yes		
Quickstow										
FY 2006	BAE Systems Minneapolis, MN	SS/FP	Picatinny, NJ	Feb 07	Feb 08	520	23	Yes		
Basic Issue and Direct Support Tools										
FY 2006	Savit Corporation Parsippany, NJ	C/FP	Picatinny, NJ	Apr 06	Apr 07	776	10	Yes		
FY 2006 S	Savit Corporation Parsippany, NJ	C/Option	Picatinny, NJ	Aug 06	Aug 07	146	10	Yes		
M67 Sight Units										
FY 2006	BAE Systems Minneapolis, MN	C/Option	Rock Island, IL	Aug 07	Aug 08	395	3	Yes		
M1101 Cargo Trailer										
FY 2006	BAE Systems Minneapolis, MN	C/Option	Picatinny, NJ	May 06	May 07	190	8	Yes		
FY08 Grow The Army										
60mm Cannon Tube										
FY 2008 GTA	Watervliet Watervliet, NY	C/Option	Picatinny, NJ	Mar 08	Apr 09	15	20	Yes		
60mm Bipods / Baseplates										
FY 2008 GTA	To Be Selected TBD	C/FP	Rock Island, IL	Mar 08	Apr 09	15	24	Yes		
60mm Basic Issue / Direct Support Tools										

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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 GTA	Savit Corporation Parsippany, NJ	C/Option	Picatinny, NJ	Mar 08	Apr 09	15	5	Yes		
81MM Cannon Tube										
FY 2008 GTA	Watervliet Watervliet, NY	C/Option	Picatinny, NJ	Mar 08	Apr 09	9	35	Yes		
81mm Bipods / Baseplates										
FY 2008 GTA	To Be Selected TBD	C/FP	Rock Island, IL	Mar 08	Apr 09	9	25	Yes		
81mm Basic Issue / Direct Support Tools										
FY 2008 GTA	Savit Corporation Parsippany, NJ	C/Option	Picatinny, NJ	Mar 08	Apr 09	9	13	Yes		
120mm, M120 System										
FY 2008 GTA	General Dynamics, OTS St. Petersburg, Fla.	C/Option	Picatinny, NJ	Mar 08	Apr 09	13	75	Yes		
120mm Basic Issue / Direct Support Tools										
FY 2008 GTA	Savit Corporation Parsippany, NJ	C/Option	Picatinny, NJ	Mar 08	Apr 09	31	11	Yes		
120mm, M313 Insert										
FY 2008 GTA	General Dynamics, OTS St. Petersburg, Fla.	C/Option	Picatinny, NJ	Mar 08	Apr 09	12	10	Yes		
M313 Basic Issue / Direct Support Tools										
FY 2008 GTA	Savit Corporation Parsippany, NJ	C/Option	Picatinny, NJ	Mar 08	Apr 09	12	13	Yes		
Quick Stow										
FY 2008 GTA	BAE Systems Minneapolis, MN	C/Option	Picatinny, NJ	Mar 08	Apr 09	12	25	Yes		
M67 Sight Units										
FY 2008 GTA	Seiler Instrument	C/Option	Rock Island, IL	Mar 08	Apr 09	28	7	Yes		
M1101 Trailers										
FY 2008 GTA	BAE Systems Minneapolis, MN	C/Option	Picatinny, NJ	Mar 08	Apr 09	12	10	Yes		
REMARKS:										

FY 07 / 08 BUDGET PRODUCTION SCHEDULE															P-1 ITEM NOMENCLATURE Mortar Systems (G02200)										Date: February 2007	
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COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														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 07														Calendar Year 08														
						O C 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					

Mortar Wpns Systems Contract

1	FY 06 P	A	968	19	949					64	80	80	80	80	80	80	80	80	80	85									0
1	FY 08	A	35	0	35																						A		35
1	FY 09	A	18	0	18																								18
1	FY 06 P	MC	59	0	59				48	11																		0	

60mm Cannon Tube

2	FY 08 GTA	A	15	0	15																						A		15
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81MM Cannon Tube

2	FY 08 GTA	A	9	0	9																						A		9
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120mm, M120 System

						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
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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	General Dynamics, OTS, St. Petersburg, Fla.	5			95	165	1	Initial	
						Reorder	3	6	10	16	
2	Watervliet, Watervliet, NY	5	95	165	2	Initial	6	6	10	16	
						Reorder	3	6	10	16	
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
Mortar Systems (G02200)

Date: February 2007

COST ELEMENTS					Fiscal Year 09												Fiscal Year 10												Later	
MFR	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
Mortar Wpns Systems Contract																														
1	FY 06 P	A	968	968																								0		
1	FY 08	A	35	0	35								35															0		
1	FY 09	A	18	0	18							A														18		0		
1	FY 06 P	MC	59	59																								0		
60mm Cannon Tube																														
2	FY 08 GTA	A	15	0	15								15															0		
81MM Cannon Tube																														
2	FY 08 GTA	A	9	0	9								9															0		
120mm, M120 System																														
							O C 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

MFR	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	General Dynamics, OTS, St. Petersburg, Fla.	5	95	165		1	Initial	6	6	10	16	
							Reorder	3	6	10	16	
2	Watervliet, Watervliet, NY	5	95	165		2	Initial	6	6	10	16	
							Reorder	3	6	10	16	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 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				7497	6297	3700	4200	4100	4100		29894
Gross Cost				27.1	21.6	12.7	15.0	15.0	15.0		106.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				27.1	21.6	12.7	15.0	15.0	15.0		106.4
Initial Spares											
Total Proc Cost				27.1	21.6	12.7	15.0	15.0	15.0		106.4
Flyaway U/C											
Weapon System Proc U/C				0.0	0.0	0.0	0.0	0.0	0.0		0.0

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 is a production New Start in FY 2008. The GLM also incorporates an integral Day/Night sighting system and provides a separate laser range finder to assist the gunner in increasing first round accuracy.

Justification:

FY 2008/FY2009 procure 5,808/6297 Grenade Launcher Modules (GLM). The GLM will provide deploying units an improved capability over the M203 grenade launcher. The GLM 40mm ammunition is loaded from the side providing easier access and a wider range of ammunition as compared to the 35 year old M203 grenade launcher.

The FY08 Grow the Army funding procures 1,689 grenade launchers.

FY 2008 Base Appropriation: \$21.620M
 FY 2008 Grow the Army: \$ 5.505M
 FY 2008 Total: \$27.125M

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(Base)							19124	5808	3	20169	6297	3	
Tool Set							334	290	1	351	314	1	
Engineering Support							1622			810			
Integrated Logistics Support(ILS)							180			90			
Fielding							180			90			
New Equipment Training(NET)							180			90			
XM320 Grenade Launcher(GTA)							5410	1689	3				
Tool set							95	85	1				
Total:							27125			21600			

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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(Base)										
FY 2008	Heckler & Koch Defense, Inc Sterling, VA	Option *	TACOM-PICATINNY, Picatinny, NJ	Dec 07	Mar 08	5808	3	Yes		
FY 2009	Heckler & Koch Defense, Inc Sterling, VA	Option	TACOM-PICATINNY, Picatinny, NJ	Dec 08	Mar 09	6297	3	Yes		
XM320 Grenade Launcher(GTA)										
FY 2008	Heckler & Koch Defense, Inc Sterling, VA	Option	TACOM- PICATINNY, Picatinny,NJ	Dec 07	Apr 08	1689	3	Yes		

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

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

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

P-1 Item Nomenclature
XM110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS) (G01505)

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		590	510	732	680	670	660				3842
Gross Cost		8.0	7.3	10.5	10.0	10.0	10.0				55.7
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1		8.0	7.3	10.5	10.0	10.0	10.0				55.7
Initial Spares											
Total Proc Cost		8.0	7.3	10.5	10.0	10.0	10.0				55.7
Flyaway U/C											
Weapon System Proc U/C											

Description:

The XM110 Semi-Automatic Sniper System (SASS) is a 7.62mm rapid-fire, rapid-reload, suppressed sniper rifle. It exceeds the rate-of-fire and lethality of the existing M24 Sniper Weapon System. SASS anti-personnel ranges are equal to or greater than the M24. SASS includes an enhanced sniper spotting scope.

Justification:

FY 2008/09 procures 694/680 XM110 SASS's to meet the Army's requirement for a more effective sniper team with improved capability to fight and survive when engaged in react-to scenarios and to support the maneuver force in a multi-shot, multi-target environment.

FY 08 Grow the Army funding procures 38 XM110 SASS.

FY 2008 Base Appropriation: \$10.000M
 FY 2008 Grow the Army: \$ 0.460M
 FY 2008 Total: \$10.460M

FY2006/07 totals include supplemental funding \$8.0 million and \$0.0 million respectively to support the global war on terrorism.

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost \$000	Qty Units	Unit Cost \$000	Total Cost \$000	Qty Units	Unit Cost \$000	Total Cost \$000	Qty Units	Unit Cost \$000	Total Cost \$000	Qty Units	Unit Cost \$000
1. Hardware													
SASS Weapons	A	5856	590	10	5136	510	10	7009	694	10	6971	680	10
External Mount Assembly (EMA) and Anti Reflections Devices (ARD)		295	590		259	510		357	694		356	680	
Spotting Scope		555	590		479	510		662	694	1	639	680	
3. Maintenance & Repair		175			100								
4. Refurbish for UFR		29									61		
5. Shipping (GBL)		50			63			60			70		
6. Blank Firing Adapter		59			51			70					
7. System Support-ODF		15											
8. Engineering Support		330			638			720			781		
9. STRICOM (MILES)		120			180			247			247		
10. Testing								375			285		
11. Integrated Logistics Support (ILS)		75			100			137			137		
12. New Equipment Training (NET)		125			150			205			295		
13. Total Package Fielding (TPF)		100			115			158			158		
14. Engineering Change Proposals (ECP)		216											
15. GTA Hardware													
GTA SASS Weapons								384	38	10			
GTA EMA and ARD								36	38				
GTA Spotting Scope								20	38	1			
16. GTA Engineering Support								20					
Total:		8000			7271			10460			10000		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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: XM110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS) (G01505)								
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. Hardware										
SASS Weapons										
FY 2006	Knights Armaments Co. Titusville, FL	Option*	TACOM-Picatinny, Picatinny,NJ	Mar 07	Apr 07	590	10			
FY 2007	Knights Armaments Co. Titusville, FL	Option	TACOM-Picatinny, Picatinny,NJ	Apr 07	Aug 07	510	10	YES		
FY 2008	Knights Armaments Co. Titusville, FL	Option	TACOM-Picatinny, Picatinny,NJ	Dec 07	Jun 08	694	10	YES		
FY 2009	Knights Armaments Co. Titusville, FL	Option	TACOM-Picatinny, Picatinny,NJ	Dec 08	Mar 09	680	10			
Anti Reflections Devices (ARD)										
FY 2007	TBS	C/FFP	TACOM-RI, Rock Island, IL	Apr 07	Jul 07	510		YES		
FY 2008	TBS	Option	TACOM-RI, Rock Island,IL	Apr 08	Jul 08	694		YES		
FY 2009	TBS	Option	TACOM-RI Rock Island, IL	Apr 09	Jul 09	680				
Spotting Scope										
FY 2007	TBS	C/FFP	TACOM-Picatinny, Picatinny,NJ	Apr 07	Jul 07	510		YES		
FY 2008	TBS	Option	TACOM-Picatinny, Picatinny,NJ	Apr 08	Jul 08	694	1	YES		
FY 2009	TBS	Option	TACOM-Picatinny, Picatinny,NJ	Apr 09	Jul 09	680				
15. GTA Hardware										
GTA SASS Weapons										
FY 2008 GTA	Knights Armaments Co. Titusville, FL	Option	TACOM-Picatinny, Picatinny, NJ	Dec 07	Jun 08	38	10	YES		
GTA EMA and ARD										
FY 2008 GTA	TBS	Option	TACOM-RI Rock Island, IL	Apr 08	Jul 08	38		YES		
GTA Spotting Scope										
FY 2008 GTA	TBS	Option	TACOM-Picatinny, NJ	Apr 08	Jul 08	38	1	YES		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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: XM110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS) (G01505)							
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

REMARKS: * FY06 is an option to an existing C/FFP RDTE contract.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE XM110 SEMI-AUTOMATIC SNIPER SYSTEM (SASS) (G01505)	Date: February 2007
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COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														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 07														Calendar Year 08														
						O C 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. Hardware																																					
SASS Weapons																																					
1	FY 06	A	590	0	590																																0
1	FY 07	A	510	0	510																															0	
1	FY 08	A	694	0	694																															414	
1	FY 09	A	680	0	680																															680	
GTA SASS Weapons																																					
1	FY 08 GTA	A	38	0	38																															18	
Total																																					
			2512		2512																															1112	

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	Initial	Reorder			3	6				7	13
1	Knights Armaments Co., Titusville, FL	1200	2400	4800		1	Initial	Reorder	3	6	7	13	
							Initial	Reorder					
							Initial	Reorder					
							Initial	Reorder					
							Initial	Reorder					
							Initial	Reorder					
							Initial	Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	195486	54408	1475	64450	58900	54800	51500	14500	10750		506269
Gross Cost	155.3	66.1	2.2	105.8	103.0	104.3	108.9	35.1	32.3		713.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	155.3	66.1	2.2	105.8	103.0	104.3	108.9	35.1	32.3		713.1
Initial Spares											
Total Proc Cost	155.3	66.1	2.2	105.8	103.0	104.3	108.9	35.1	32.3		713.1
Flyaway U/C											
Weapon System Proc U/C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0

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 all M3A1 WWII era .45 Cal Submachine guns, 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 and the Back-up Iron Sight. It also will be delivered with a Combat Optic (FY08 New Start).

Justification:

FY 2008/FY 2009 procures 59,450/58,900 M4 Carbines and Combat Optics. The M4 Carbine provides Soldiers with a small, lightweight weapon that can provide better self-protection and additional firepower in close quarters.

FY2008 Grow the Army funding procures 5,000 M4 Carbines with Combat Optics.

FY08 Base Appropriation \$97.550M
 FY2008 Grow the Army \$8.274M
 FY2008 Total \$105.824M

FY 2006/FY 2007 totals include supplemental funding \$63.0 million and \$0.0 million respectively to support the global war on terrorism.

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost \$000	Qty Each	Unit Cost \$000	Total Cost \$000	Qty Each	Unit Cost \$000	Total Cost \$000	Qty Each	Unit Cost \$000	Total Cost \$000	Qty Each	Unit Cost \$000
1. M4 Carbine	A	64800	54408	1.2	1798	1475	1.2	74903	59450	1.3	80228	58900	1.4
2. Combat Optics								17835	59450	0.3	17670	58900	0.3
3. Engineering Support		952			364			3609			3854		
4. Integrated Logistics Support		142			25			602			642		
5. Fielding/Transportation		195			25			601			642		
6. Engineering Studies													
7. M4 Carbine (GTA)								6500	5000	1.3			
8. Combat Optics (GTA)								1745	5000	0.3			
9. Engineering Support (GTA)								29					
Total:		66089			2212			105824			103036		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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. M4 Carbine										
FY 2006	Colt's Mfg Co. Inc Hartford, CT	Option	TACOM-RI, Rock Island, IL	Mar 06	Oct 06	54408	1.2			
FY 2007	Colt's Mfg Co. Inc Hartford, CT	Option	TACOM-RI, Rock Island, IL	Jan 07	Aug 07	1475	1.2	Yes		
FY 2008	Colt's Mfg Co. Inc Hartford, CT	Option	TACOM-RI, Rock Island, IL	Jan 08	Sep 08	59450	1.3	Yes		
FY 2009	Colt's Mfg Co. Inc Hartford, CT	Option	TACOM-RI, Rock Island, IL	Jan 09	Sep 09	58900	1.4			
2. Combat Optics										
FY 2008		Option	TACOM-PICATINNY, Picatinny, NJ	Feb 08	Aug 08	59450	0.3	Yes		
FY 2009		Option	TACOM-PICATINNY, Picatinny, NJ	Jan 09	Aug 09	58900	0.3			
7. M4 Carbine (GTA)										
FY 2008 GTA	Colt's Mfg Co. Inc Hartford, CT	Option	TACOM-RI, Rock Island, IL	Jan 08	Oct 08	5000	1.3	Yes		
8. Combat Optics (GTA)										
FY 2008 GTA		Option	TACOM-PICATINNY, Picatinny, NJ	Feb 08	Sep 08	5000	0.3	Yes		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE M4 Carbine (G14904)	Date: February 2007
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COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														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 07														Calendar Year 08														
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					

1. M4 Carbine																																	
1	FY 06 & PR	A	54408	0	54408	1000	5017	6000	7000	7180	6000	6000	6000	6000	4211																		0
1	FY 07	A	1475	0	1475				A						1475																	0	
1	FY 08 GTA	A	5000	0	5000																						A					5000	
1	FY 08	A	59450	0	59450																							A				5000	54450
1	FY 09	A	58900	0	58900																											58900	
1	FY 06 & PR	AF	26631	23576	3055						1000	1000	1000	40		15																0	
1	FY 07	AF	762	0	762																											0	
1	FY 07	FMS	10000	0	10000						850	850	850	850	850	850	850	850	850	850	850	850	850	850	850	650					0		
1	FY 08	FMS	10000	0	10000																						850	850	850	850	850	850	4050
1	FY 09	FMS	10000	0	10000																											10000	
						O C 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	Colt's Mfg Co. Inc, Hartford, CT	12000	36000	144000	18	1	Initial	5	3	7	10	FY08 new start Combat Optics to coincide with the Carbine deliveries.
							Reorder	2	3	9	12	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE M4 Carbine (G14904)	Date: February 2007
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COST ELEMENTS					Fiscal Year 07														Fiscal Year 08														Later							
MFR	FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07														Calendar Year 08																				
						O C 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 06 & PR	MC	14233	7870	6363									1000	1000	363	2000	2000																						
1	FY 07	MC	49500	8758	40742														4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	742		0			
1	FY 08	MC	3000	0	3000																														250	2750				
1	FY 09	MC	3000	0	3000																																3000			
1	FY 06 & PR	NG	13736	0	13736								1000	1400	2006	1400											1772	2540	3000	618						0				
1	FY 06 & PR	OTH	7904	7754	150														150																	0				
Total			327999	47958	280041	1000	5017	6000	7000	7180	7850	8850	10250	9896	6824	4340	2850	5762	4850	4850	4850	6422	7390	7850	5468	4850	4850	1592	6100	138150										
						O C 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											

MFR	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	Colt's Mfg Co. Inc, Hartford, CT	12000	36000	144000	18	1	Initial	5	3	7	10	FY08 new start Combat Optics to coincide with the Carbine deliveries.
							Reorder	2	3	9	12	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE M4 Carbine (G14904)	Date: February 2007
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COST ELEMENTS						Fiscal Year 09												Fiscal Year 10												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 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. M4 Carbine																																
1	FY 06 & PR	A	54408	54408																												0
1	FY 07	A	1475	1475																											0	
1	FY 08 GTA	A	5000	0	5000	1000	1000	1000	1000	1000																					0	
1	FY 08	A	59450	5000	54450	5000	5000	5000	5000	5000	5000	5000	5000	5000	4450																0	
1	FY 09	A	58900	0	58900																										0	
1	FY 06 & PR	AF	26631	26631																											0	
1	FY 07	AF	762	762																											0	
1	FY 07	FMS	10000	10000																											0	
1	FY 08	FMS	10000	5950	4050	850	850	850	850	650																					0	
1	FY 09	FMS	10000	0	10000																										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	Colt's Mfg Co. Inc, Hartford, CT	12000	36000	144000	18	1	Initial	5	3	7	10	FY08 new start Combat Optics to coincide with the Carbine deliveries.
							Reorder	2	3	9	12	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE M4 Carbine (G14904)	Date: February 2007
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COST ELEMENTS					Fiscal Year 09													Fiscal Year 10													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 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	FY 06 & PR	MC	14233	14233																											0	
1	FY 07	MC	49500	49500																											0	
1	FY 08	MC	3000	250	2750	250	250	250	250	250	250	250	250	250	250																0	
1	FY 09	MC	3000	0	3000												250	250	250	250	250	250	250	250	250	250	250	250	250		0	
1	FY 06 & PR	NG	13736	13736																											0	
1	FY 06 & PR	OTH	7904	7904																											0	
Total																																
						O C 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	Colt's Mfg Co. Inc, Hartford, CT	12000	36000	144000	18	1	Initial	5	3	7	10	FY08 new start Combat Optics to coincide with the Carbine deliveries.
							Reorder	2	3	9	12	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 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		11295		6054	5440	5440	5440	5300	5300		44269
Gross Cost		14.5		7.9	7.0	7.0	7.0	7.0	7.0		57.4
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1		14.5		7.9	7.0	7.0	7.0	7.0	7.0		57.4
Initial Spares											
Total Proc Cost		14.5		7.9	7.0	7.0	7.0	7.0	7.0		57.4
Flyaway U/C											
Weapon System Proc U/C		0.0		0.0	0.0	0.0	0.0	0.0	0.0		0.0

Description:

The 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:

FY2008/FY2009 procures 5,328/5,440 Modular Accessory Shotgun Systems (MASS). The MASS will provide deploying units a critical capability in the urban environment to breach doors, engage in close quarters combat, or fire non-lethal ammunition with a 12 gauge shotgun without releasing their primary weapon.

The FY08 Grow the Army funding procures 726 shotguns.

FY 2008 Base Appropriation: \$7.000M
 FY 2008 Grow the Army: \$.906M
 FY 2008 Total: \$7.906M

FY 2006/FY 2007 totals include supplemental funding \$14.478 million and \$0.0 million respectively to support the global war on terrorism.

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost \$000	Qty Each	Unit Cost \$000	Total Cost \$000	Qty Each	Unit Cost \$000	Total Cost \$000	Qty Each	Unit Cost \$000	Total Cost \$000	Qty Each	Unit Cost \$000
Shotguns(Base)		12812	11295	1				6650	5328	1	6790	5440	1
Initial Spare Parts		238	11295										
Engineering Support		1088					255				158		
Integrated Logistics Support		114					32				18		
Fielding		114					32				18		
New Equipment Training (NET)		112					31				16		
Shotguns(GTA)							906	726	1				
Total:		14478					7906				7000		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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(Base)										
FY 2006	Vertu Corporation Manassas, VA	Option *	TACOM-PICATINNY, Picatinny, NJ	Sep 07	Dec 07	11295	1	No	Mar07	
FY 2008	Vertu Corporation Manassas, VA	Option	TACOM-PICATINNY, Picatinny, NJ	Jan 08	Jun 09	5328	1	No	Mar07	
FY 2009	Vertu Corporation Manassas, VA	Option	TACOM-PICATINNY, Picatinny, NJ	Jan 09	Apr 10	5440	1			
Initial Spare Parts										
FY 2006	Vertu Corporation Manassas, VA	Option	TACOM-PICATINNY, Picatinny, NJ	Sep 07	Dec 07	11295		No	Mar07	
Shotguns(GTA)										
FY 2008 GTA	Vertu Corporation Manassas, VA	Option	TACOM-PICATINNY, Picatinny,NJ	Jan 08	Mar 10	726				

REMARKS: * FY06 is a Firm Fixed Price option to an existing Soldier Enhancement Research & Development contract. Low Rate Initial Production (LRIP) quantities, Initial Spares and initial Full Rate Production shotguns to be procured with FY06 funding. FY07 production funding not required due to production rate of the small business vendor.

FY 09 / 10 BUDGET PRODUCTION SCHEDULE											P-1 ITEM NOMENCLATURE SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS) (G18300)											Date: February 2007	
----------------------------------------------	--	--	--	--	--	--	--	--	--	--	----------------------------------------------------------------------------	--	--	--	--	--	--	--	--	--	--	------------------------	--

COST ELEMENTS						Fiscal Year 09													Fiscal Year 10													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 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							
Shotguns(Base)																																				
1	FY 06	A	11295	6000	5295	600	600	600	600	600	600	600	600	600	495																		0			
1	FY 08	A	5328	0	5328										105	600	600	600	600	600	600	600	600	600	600	600	600	423					0			
1	FY 09	A	5440	0	5440					A																				51	600	600	600	600	600	2389
Shotguns(GTA)																																				
1	FY 08 GTA	A	726	0	726																													0		
Total																																				
			22789	6000	16789	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2389		
						O C 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	Vertu Corporation, Manassas, VA	1000	6000	7200	6	1	Initial	3	12	3	15	
							Reorder	1	3	18	21	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 11 / 12 BUDGET PRODUCTION SCHEDULE												P-1 ITEM NOMENCLATURE SHOTGUN, MODULAR ACCESSORY SYSTEM (MASS) (G18300)										Date: February 2007	
----------------------------------------------	--	--	--	--	--	--	--	--	--	--	--	----------------------------------------------------------------------------	--	--	--	--	--	--	--	--	--	------------------------	--

COST ELEMENTS						Fiscal Year 11											Fiscal Year 12											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 11											Calendar Year 12											
						O C 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	

Shotguns(Base)																													
1	FY 06	A	11295	11295																									0
1	FY 08	A	5328	5328																									0
1	FY 09	A	5440	3051	2389	600	600	600	589																				0

Shotguns(GTA)																													
1	FY 08 GTA	A	726	726																									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	
Total			22789	20400	2389	600	600	600	589																				

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	Vertu Corporation, Manassas, VA	1000	6000	7200	6	1	Initial	3	12	3	15	
							Reorder	1	3	18	21	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	259	690		100							1049
Gross Cost	90.3	206.0		29.9							326.2
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	90.3	206.0		29.9							326.2
Initial Spares											
Total Proc Cost	90.3	206.0		29.9							326.2
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:

FY 2008 Grow the Army funding procures 100 CROWS systems.

FY 2008 Base Appropriation	\$0
FY 2008 Grow the Army	\$29.895M
FY 2008 Total	\$29.895M

FY2006/07 totals include supplemental funding \$206 million and \$0.0 million respectively to support the global war on terrorism.

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
Hardware													
1. CROWS system	A	179400	690	260									
2. Vehicle Integration Kit		2114	706	3									
3. Trainers		700											
4. Engineering Support		13349											
5. Integrated Logistics Support													
6. Total Package Fielding													
7. Production Verification Test		1420											
8. First Destination Transportation		120											
9. Contractor Field Service Representative		1973											
10. Spares/Repair Parts		6924											
11. New Equipment Training													
12. Product Improvements													
GROW THE ARMY (GTA)													
1. GTA Hardware CROWS System							26000	100	260				
2. GTA Hardware Vehicle Integration Kit							280	100	3				
3. GTA Support							3615						
Total:		206000					29895						

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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: Common Remotely Operated Weapons Station (CROWS) (G04700)								
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. CROWS system										
FY 2006	Recon Optical Inc (ROI) Barrington, IL	SS/FFP	TACOM- Picatinny, Picatinny, NJ	May 06	Mar 07	275	260			
FY 2006	Recon Optical Inc (ROI) Barrington, IL	C/Other*	TACOM- Picatinny, Picatinny, NJ	Jun 07	Jan 08	415	260			
2. Vehicle Integration Kit										
FY 2006	Micor Industries Decatur, AL	C/FFP	TACOM- Picatinny, Picatinny, NJ	Feb 06	Sep 06	267	3			
FY 2006	Micor Industries Decatur, AL	Option	TACOM- Picatinny, Picatinny, NJ	Jul 07	Jan 08	439	3			
1. GTA Hardware CROWS System										
FY 2008	TBS TBS	Option	TACOM- Picatinny, Picatinny, NJ	Jan 08	Sep 08	100	260			
2. GTA Hardware Vehicle Integration Kit										
FY 2008	Micor Industries Decatur, AL	Option	TACOM- Picatinny, Picatinny, NJ	Jan 08	Sep 08	100	3			

REMARKS: * Pending competition outcome, FY06 funds will procure CROWS systems off an Indefinite Delivery Indefinite Quantity (IDIQ) contract.

FY 09 / 10 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
Common Remotely Operated Weapons Station (CROWS) (G04700)

Date: February 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. CROWS system																																	
1	FY 06	A	275	275																													0
2	FY 06	A	415	415																													0
1. GTA Hardware CROWS System																																	
2	FY 08	A	100	5	95	60	35																									0	
Total																																	
			790	695	95	60	35																										
OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP																																	

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	Initial	2			Initial	Reorder	Initial	Reorder		
1	Recon Optical Inc (ROI), Barrington, IL	120	396	1200		1	Initial	2	4	8	12	
							Reorder	2	3	7	10	
2	TBS, TBS	120	720	1200		2	Initial	2	8	8	16	
							Reorder	2	3	9	12	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

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

P-1 Item Nomenclature
HOWITZER LT WT 155MM (T) (G01700)

Program Elements for Code B Items:
0604854A

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	16	19	78	202	13	13	12	16	17	18	404
Gross Cost	46.1	50.0	172.2	462.6	44.2	38.4	36.1	47.1	47.1	72.1	1015.8
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc PI	46.1	50.0	172.2	462.6	44.2	38.4	36.1	47.1	47.1	72.1	1015.8
Initial Spares											
Total Proc Cost	46.1	50.0	172.2	462.6	44.2	38.4	36.1	47.1	47.1	72.1	1015.8
Flyaway U/C											
Weapon System Proc U/C	2.9	2.6	2.2	2.3	3.4	3.0	3.0	2.9	2.8	4.0	29.1

Description:
The Lightweight 155mm Towed Howitzer (LW155) is a Joint United States Marine Corps (USMC)/Army Program. A 40% reduction in weight compared to the current system allows for greater strategic and tactical mobility while improving range, weapon stability, accuracy, and durability. Significantly improved battlefield mobility creates a weapon that is more survivable and lethal. The LW155 has a digital fire control system but retains conventional fire control as a backup. The digital fire control enables the LW155 Howitzer to emplace faster and without survey, aiming posts or an aiming circle. Digital communications and an on-board antenna eliminate the need for wire to the Fire Direction Center and increases dispersion and survivability on the battlefield. Modifications to the existing prime mover enable the howitzer unit to navigate, recharge the system and receive fire missions, all while moving to the next firing position. The PM is working closely with PM Excalibur to incorporate Excalibur precision Global Positioning System/Inertial Navigation Unit (GPS/INU) guided 155mm projectile compatibility by 2QFY2007. Excalibur will provide precision strike capability (10 meter accuracy) out to ranges of 40 kilometers. FY05-08 Full Rate Production contract is a joint multiyear procurement with the USMC.

Justification:
FY 2008/2009 Base Appropriation procures 126/13 (Total 139) Lightweight 155mm Towed Howitzers (LW155). FY08 production is the final year of a joint FY05-FY08 multiyear procurement with the USMC. Contracts for the procurement of howitzers, primer feed mechanisms, and optical fire control for FY09 and beyond will be renegotiated.

LW155 replaces the M198 Towed Howitzer for the U.S. Army and USMC. The LW155 must be procured in FY08 and FY09 to continue replacing the aging, heavier M198 howitzer. The LW155 is the cannon fire support for the Army's Stryker Brigade Combat Teams (SBCT).

FY 2008 Grow the Army funding procures 76 Lightweight 155mm Towed Howitzers.

FY 2008 Base Appropriation: \$270.251M
 FY 2008 Grow the Army: \$192.318M
 FY 2008 Total: \$462.569M

FY 2006/2007 totals do not include any supplemental funding.

WTCV Cost Elements	ID CD	FY 06			FY 07			FY 08			FY 09		
		Total Cost \$000	Qty Units	Unit Cost \$000	Total Cost \$000	Qty Units	Unit Cost \$000	Total Cost \$000	Qty Units	Unit Cost \$000	Total Cost \$000	Qty Units	Unit Cost \$000
WVA Cannon Long Lead		3910	78	50	5796	126	46	650	13	50	650	13	50
BAE Lightweight 155mm Howitzer		32300	19	1700	132600	78	1700	214200	126	1700	29718	13	2286
Watervliet Arsenal Cannon		3895	19	205	15990	78	205	25830	126	205	2600	13	200
Primer Feed Mechanism		342	19	18	1404	78	18	2268	126	18	286	13	22
Optical Fire Control		760	19	40	3120	78	40	5040	126	40	624	13	48
Basic Initial Issue		1088			4467			7216			964		
Watervliet Arsenal Facilitization													
System Engineering / Program Management		6419			5031			6572			6950		
Test		515			1755			3847			1000		
Fielding		746			2031			4628			1450		
Hardware and Software Upgrades													
Base SUBTOTAL		49975			172194			270251			44242		
FY 2008 Grow the Army													
WVA Cannon Long Lead													
BAE Lightweight 155mm Howitzer								136800	76	1800			
Watervliet Arsenal Cannon								26980	76	355			
Primer Feed Mechanism								1368	76	18			
Optical Fire Control								3040	76	40			
Basic Initial Issue								6000					
Watervliet Arsenal Facilitization													
System Engineering / Program Management								2200					
Test								7000					
Fielding								3800					
Hardware and Software Upgrades								5130					
Grow the Army SUBTOTAL								192318					
Total:		49975			172194			462569			44242		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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 LT WT 155MM (T) (G01700)								
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
WVA Cannon Long Lead										
FY 2006	Watervliet Arsenal Watervliet, NY 12189	MIPR	N/A	Oct 05	Oct 06	78	50			
FY 2007	Watervliet Arsenal Watervliet, NY 12189	MIPR	N/A	Oct 06	Oct 07	126	46			
FY 2008	Watervliet Arsenal Watervliet, NY 12189	MIPR	N/A	Oct 07	Oct 08	13	50			
FY 2009	Watervliet Arsenal Watervliet, NY 12189	MIPR	N/A	Oct 08	Oct 09	13	50			
BAE Lightweight 155mm Howitzer										
FY 2006	BAE SYSTEMS Barrow-in-Furness, UK	MYP/FFP	Picatinny Arsenal, NJ	Mar 06	Aug 06	19	1700			
FY 2007	BAE SYSTEMS Barrow-in-Furness, UK	MYP/FFP	Picatinny Arsenal, NJ	Oct 06	May 07	78	1700			
FY 2008	BAE SYSTEMS Barrow-in-Furness, UK	MYP/FFP	Picatinny Arsenal, NJ	Mar 08	Sep 08	126	1700			
FY 2009	BAE SYSTEMS Barrow-in-Furness, UK	FFP	Picatinny Arsenal, NJ	Mar 09	Aug 09	13	2286			
Watervliet Arsenal Cannon										
FY 2006	Watervliet Arsenal Watervliet, NY 12189	MIPR	N/A	Oct 05	May 06	19	205			
FY 2007	Watervliet Arsenal Watervliet, NY 12189	MIPR	N/A	Oct 06	Feb 07	78	205			
FY 2008	Watervliet Arsenal Watervliet, NY 12189	MIPR	N/A	Oct 07	Jun 08	126	205			
FY 2009	Watervliet Arsenal Watervliet, NY 12189	MIPR	N/A	Oct 08	May 09	13	200			
Primer Feed Mechanism										
FY 2006	HTD Hartford, CT	MYP/FFP	Picatinny Arsenal, NJ	Oct 05	May 06	19	18			
FY 2007	HTD Hartford, CT	MYP/FFP	Picatinny Arsenal, NJ	Oct 06	Feb 07	78	18			
FY 2008	HTD Hartford, CT	MYP/FFP	Picatinny Arsenal, NJ	Oct 07	Jun 08	126	18			
FY 2009	HTD	FFP	Picatinny Arsenal, NJ	Oct 08	May 09	13	22			

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 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 LT WT 155MM (T) (G01700)						
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
Optical Fire Control	Hartford, CT									
FY 2006	Seiler St. Louis, MO	MYP/FFP	Picatinny Arsenal, NJ	Nov 05	May 06	19	40			
FY 2007	Seiler St. Louis, MO	MYP/FFP	Picatinny Arsenal, NJ	Oct 06	Feb 07	78	40			
FY 2008	Seiler St. Louis, MO	MYP/FFP	Picatinny Arsenal, NJ	Oct 07	Jun 08	126	40			
FY 2009	Seiler St. Louis, MO	FFP	Picatinny Arsenal, NJ	Oct 08	May 09	13	48			
FY 2008 Grow the Army										
BAE Lightweight 155mm Howitzer										
FY 2008	BAE SYSTEMS Barrow-in-Furness, UK	FFP	Picatinny Arsenal, NJ	Oct 07	May 08	76	1800			
Watervliet Arsenal Cannon										
FY 2008	Watervliet Arsenal Watervliet, NY 12189	MIPR	N/A	Oct 07	May 08	76	355			
Primer Feed Mechanism										
FY 2008	HTD Hartford, CT	FFP	Picatinny Arsenal, NJ	Oct 07	May 08	76	18			
Optical Fire Control										
FY 2008	Seiler St. Louis, MO	FFP	Picatinny Arsenal, NJ	Oct 07	May 08	76	40			

REMARKS: Base appropriation "Lightweight 155mm Howitzer" procurement is being accomplished through a Multiyear (FY05-FY08) Contract that was originally awarded in March 2005.

Contracts for the procurement of howitzers, primer feed mechanisms, and optical fire control for FY08 Grow the Army and FY09 and beyond will be renegotiated.

FY 06 / 07 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE HOWITZER LT WT 155MM (T) (G01700)	Date: February 2007
----------------------------------------------	------------------------------------------------------------	------------------------

COST ELEMENTS						Fiscal Year 06												Fiscal Year 07												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 06												Calendar Year 07												
						O C 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	
Lightweight 155mm Towed Howitzer (LW155)																														
1	FY 06	A	19	0	19																									0
1	FY 07	A	78	0	78																									44
1	FY 08	A	126	0	126																									126
1	FY 09	A	13	0	13																									13
FY 2008 Grow the Army																														
1	FY 08	A	76	0	76																									76
LW155 (USMC - For Information Only)																														
1	FY 06	MC	69	0	69																									4
1	FY 07	MC	34	0	34																									34
1	FY 08	MC	47	0	47																									47
Total																														
			462		462																									344
						O C 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, Barrow-in-Furness, UK	4	16	16		1	0	1	7	8	The LW155 Howitzer is a Joint Program between the Army and the USMC. The FY05-08 Full Rate Production Contract is a Joint Multi-Year procurement with the USMC. Admin Lead Time/Production Lead time is for the GTA.
							0	6	5	11	
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				

FY 08 / 09 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE HOWITZER LT WT 155MM (T) (G01700)	Date: February 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		
Lightweight 155mm Towed Howitzer (LW155)																															
1	FY 06	A	19	19																									0		
1	FY 07	A	78	34	44			10	14	7	8	5																	0		
1	FY 08	A	126	0	126						A					9	1	2	13	14	14	14	14	14	14	14	14	3	0		
1	FY 09	A	13	0	13																					A			11	2	0
FY 2008 Grow the Army																															
1	FY 08	A	76	0	76	A								16	16	16	11	7	2	2	2	2	2						0		
LW155 (USMC - For Information Only)																															
1	FY 06	MC	69	65	4	4																								0	
1	FY 07	MC	34	0	34	10	14	4		6																				0	
1	FY 08	MC	47	0	47					1	6	9			5			13	12	1									0		
Total																															
			462	118	344	14	14	14	14	14	14	14	16	16	16	16	16	16	16	16	16	16	14	14	14	14	14	14	2		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

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							
1	BAE SYSTEMS, Barrow-in-Furness, UK	4	16	16		1	0	1	7	8	The LW155 Howitzer is a Joint Program between the Army and the USMC. The FY05-08 Full Rate Production Contract is a Joint Multi-Year procurement with the USMC.
							0	6	5	11	
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	219.5	87.4	30.8	17.7	6.1	13.5	14.4	13.7	13.5		416.6
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	219.5	87.4	30.8	17.7	6.1	13.5	14.4	13.7	13.5		416.6
Initial Spares											
Total Proc Cost	219.5	87.4	30.8	17.7	6.1	13.5	14.4	13.7	13.5		416.6
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M4 Carbine Modification Program provides a Combat Optic, Close Quarters Battle Kit, an 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 (GL) with the M4 Carbine. Suppressor FY2009 New Start. The suppressor attaches to the muzzle of the weapon (M4 Carbine and M16 Rifle) to reduce weapon flash, smoke, noise, and dust.

Justification:

FY 2008/FY 2009 procures M4 Modular Weapon Systems (MWS), Close Quarters Battle Kit, Improved Combat Optics, and RFI items as listed below. The MWS is a key component of Soldier lethality and allows the combat commander to configure weapons based upon the mission. The permanent iron sight provides a back-up capability in the event it becomes immediately necessary. The Close Quarters Battle Kit provides the Soldier with multiple low cost items to increase lethality and survivability with the M4 carbine and/or M16A4 rifle. The Improved Combat Optics will enhance the capability to identify and engage targets from 300 to 600m for 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. 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. These items include the close combat optic, improved combat optics, tactical weapon lights, bipods, forward grips, cleaning kits, improved buttstocks, and slings.

FY2008 Grow the Army funding procures 9,566 CQB Kits for the M4 Carbines.

FY2008 Base Appropriation	\$13.696M
FY2008 Grow the Army	\$4.018M
FY2008 Total	\$17.714M

FY 2006/FY 2007 totals include supplemental funding \$75.0 million and \$15.45 million respectively to support the global war on terrorism.

Exhibit P-40M, Budget Item Justification Sheet											Date:	
Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles					P-1 Item Nomenclature M4 CARBINE MODS (GB3007)							February 2007
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	48.3	4.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	55.9	
Combat Optics												
TBD2	Operational	28.0	19.9	4.1	1.0	5.3	5.0	4.3	4.1	0.0	71.7	
Close Quarters Battle Kit												
TBD3	Operational	5.2	5.3	9.2	3.4	5.3	5.3	5.3	5.3	0.0	44.3	
Suppressors												
TBD4	Operational	0.0	0.0	0.0	1.7	2.9	4.1	4.1	4.1	0.0	16.9	
Rapid Fielding Initiative												
TBD5	Operational	222.9	1.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	225.3	
Closed Mods												
TBD6		2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	
Totals		306.9	30.8	17.7	6.1	13.5	14.4	13.7	13.5	0.0	416.6	

INDIVIDUAL MODIFICATION

Date: February 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 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: 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 - Mar 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: February 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)	84240																		84240	
Quantity (Other Components)	94235		13000		13000														120235	
Hardware		41.6		2.9		2.3														46.8
Engineering Support		3.5		0.7		0.7														4.9
Integrated Logistical Support		1.3		0.3		0.3														1.9
Fielding		1.5		0.2		0.2														1.9
Engineering Study		0.4																		0.4
Installation of Hardware																				
FY 2006& Prior Equip -- Kits	178475																		178475	
FY 2007 -- Kits			13000																13000	
FY 2008 Equip -- Kits					13000														13000	
FY 2009 Equip -- Kits																				
FY2010 Other Equip -- Kits																				
FY2011 Other Equip -- Kits																				
Total Installment	178475	0.0	13000	0.0	13000	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	204475	0.0
Total Procurement Cost		48.3		4.1		3.5		0.0		0.0		0.0		0.0		0.0		0.0		55.9

INDIVIDUAL MODIFICATION

Date: February 2007

MODIFICATION TITLE: Combat Optics [MOD 2] TBD2

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:

The Close Combat Optic will be installed on the M4 Carbine. 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 reflexive fire techniques and will allow for the Soldier to transition rapidly between long-range and close quarters engagements.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Close Combat Optic:

Type Classification (LRIP) 4Q96 (Actual)

First Production Hardware Delivered 1Q97 (Actual)

First Unit Equipped 2Q98 (Actual)

Improved Combat Optic

Milestone B 2Q06 (Plan)

Developmental/Operational Test 3Q06 (Plan)

Milestone C 4Q06 (Plan)

First Unit Equipped 2Q07 (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	FY 2012			FY 2013			FY 2014			FY 2015			To Complete	Totals
	2	3	4	1	2	3	1	2	3	1	2	3		
Inputs														
Outputs														

METHOD OF IMPLEMENTATION: Installed by troops **ADMINISTRATIVE LEADTIME:** 3 months **PRODUCTION LEADTIME:** 2 months
Contract Dates: FY 2008 - Jan 08 FY 2009 - Jan 09 FY 2010 -
Delivery Dates: FY 2008 - Mar 08 FY 2009 - Mar 09 FY 2010 -

INDIVIDUAL MODIFICATION

Date: February 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	10812		1475		2570		1140		7140		6710		5690		5410				40947	
Hardware		26.4		18.9		3.9		0.8		5.0		4.7		4.1		3.9				67.7
Engineering Support		0.9		0.8		0.1		0.1		0.2		0.2		0.1		0.1				2.5
Test		0.2																		0.2
Integrated Logistical Support		0.2		0.1		0.1		0.1		0.1		0.1		0.1		0.1				0.9
Fielding		0.3		0.1																0.4
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits	10812																			10812
FY 2007 -- Kits			1475																	1475
FY 2008 Equip -- Kits					2570															2570
FY 2009 Equip -- Kits							1140													1140
FY 2010 Equip -- Kits									7140											7140
FY 2011 Equip -- Kits											6710									6710
FY 2012 Equip -- Kits													5690							5690
FY 2013 Equip -- Kits															5410					5410
TC Equip- Kits																				
Total Installment	10812	0.0	1475	0.0	2570	0.0	1140	0.0	7140	0.0	6710	0.0	5690	0.0	5410	0.0	0	0.0	40947	0.0
Total Procurement Cost		28.0		19.9		4.1		1.0		5.3		5.0		4.3		4.1		0.0		71.7

INDIVIDUAL MODIFICATION

Date: February 2007

MODIFICATION TITLE: Close Quarters Battle Kit [MOD 3] TBD3

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:
 The Close Quarters Battle Kit provides the Soldier with multiple low cost items to increase lethality and survivability with individual weapons. The Close Quarters Battle Kit will provide the following items: 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):
 Developmental/Operational Tests 4Q05/3Q06 (plan)
 Ms C Decision 3Q06 (Plan)
 Production Contract Award 4Q06 (Plan)
 First Unit Equip 1Q07 (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: installed by troops ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 2 months
 Contract Dates: FY 2008 - Jan 08 FY 2009 - Jan 09 FY 2010 -
 Delivery Dates: FY 2008 - Mar 08 FY 2009 - Mar 09 FY 2010 -

INDIVIDUAL MODIFICATION

Date: February 2007

MODIFICATION TITLE (cont): Close Quarters Battle Kit [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																				
Kit Quantity																				
Installation Kits	10000		10000		10000		6500		10000		10000		10000		10000				76500	
Installation Kits, Nonrecurring																				
Hardware		4.6		4.6		4.6		3.0		4.6		4.6		4.6		4.6				35.2
Equipment, Nonrecurring																				
Engineering Support		0.3		0.3		0.2		0.2		0.3		0.3		0.3		0.3				2.2
Integrated Logistic Support		0.2		0.2		0.2		0.1		0.2		0.2		0.2		0.2				1.5
Fielding		0.1		0.1		0.1		0.1		0.1		0.1		0.1		0.1				0.8
Engineering Studies				0.1		0.1				0.1		0.1		0.1		0.1				0.6
Hardware (GTA)					9566	4.0													9566	4.0
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits	8000		2000																	10000
FY 2007 -- Kits			6000		4000															10000
FY 2008 Equip -- Kits					5000		5000													10000
FY 2009 Equip -- Kits							4000		2500											6500
FY 2010 Equip -- Kits									6500		3500									10000
FY 2011 Equip -- Kits											5500		4500							10000
FY 2012 Equip -- Kits													4500		5500					10000
FY 2013 Equip -- Kits															3500		6500			10000
FY08 GTA Equip - Kits					4566		5000													9566
Total Installment	8000	0.0	8000	0.0	13566	0.0	14000	0.0	9000	0.0	9000	0.0	9000	0.0	9000	0.0	6500	0.0	86066	0.0
Total Procurement Cost		5.2		5.3		9.2		3.4		5.3		5.3		5.3		5.3		0.0		44.3

INDIVIDUAL MODIFICATION

Date: February 2007

MODIFICATION TITLE: Suppressors [MOD 4] TBD4

MODELS OF SYSTEM AFFECTED: M4 Carbine (5.56mm)

DESCRIPTION / JUSTIFICATION:
The suppressor attaches to the muzzle end of the weapon to reduce weapon flash, smoke, noise, and dust. The suppressor will reduce detection when the Soldier engages targets.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Evaluation/Downselect 1Q08 (Plan)
Developmental/Operational Test 3Q08 (Plan)
Limited User Assessment 4Q08 (Plan)
Milestone C 3Q09 (Plan)
Production Contract 4Q09 (Plan)
First Unit Equipped 1Q10 (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: Installed by troops ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 2 months
 Contract Dates: FY 2008 - FY 2009 - Jul 09 FY 2010 -
 Delivery Dates: FY 2008 - FY 2009 - Sep 09 FY 2010 -

INDIVIDUAL MODIFICATION

Date: February 2007

MODIFICATION TITLE (cont): Suppressors [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																				
Kit Quantity							1300		2160		3080		2950		3030				12520	
Hardware								1.5	2.6		3.7		3.6		3.7					15.1
Engineering Support								0.1	0.2		0.2		0.3		0.2					1.0
Integrated Logistical Support								0.1	0.1		0.1		0.1		0.1					0.5
Total Package Fielding											0.1		0.1		0.1					0.3
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits																				
FY 2008 Equip -- Kits																				
FY 2009 Equip -- Kits									1300											1300
FY 2010 Equip -- Kits									1500		660									2160
FY 2011 Equip -- Kits											2340		740							3080
FY 2012 Equip -- Kits													2260		690					2950
FY 2013 Equip -- Kits															2310		720			3030
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	2800	0.0	3000	0.0	3000	0.0	3000	0.0	720	0.0	12520	0.0
Total Procurement Cost		0.0		0.0		0.0		1.7		2.9		4.1		4.1		4.1		0.0		16.9

INDIVIDUAL MODIFICATION

Date: February 2007

MODIFICATION TITLE: Rapid Fielding Initiative [MOD 5] TBD5

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, items such as close combat optics, magnified optics, tactical weapon lights, bipods, forward grips, cleaning kits, improved buttstocks and slings.

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: 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 - Mar 08 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: February 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	\$
	RDT&E																			
Procurement																				
Multiple Items		192.5		0.9		0.7														194.1
Engineering Support		23.1		0.3		0.1														23.5
Integrated Logistic Support		1.9		0.1																2.0
Fielding		2.0		0.1		0.1														2.2
Engineering Study		0.1																		0.1
Interim Contractor Support		3.3		0.1																3.4
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		222.9		1.5		0.9		0.0		0.0		0.0		0.0		0.0		0.0		225.3

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	33.4	25.9	5.3	11.7	6.0	6.3	5.6	4.8	5.0		103.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	33.4	25.9	5.3	11.7	6.0	6.3	5.6	4.8	5.0		103.9
Initial Spares											
Total Proc Cost	33.4	25.9	5.3	11.7	6.0	6.3	5.6	4.8	5.0		103.9
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, and M240 Spare Barrel Bags.

Justification:
 FY2008/FY2009 procures M192 Light Weight Ground Mounts for the M240B Medium Machine Gun. M192 Light Weight Ground Mounts, which weigh 11.4 lbs., will reduce the Soldier's combat load weight by 6.4 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 enable gunners to construct a range data card. Additional system enhancements identified by fielded units to further improve the reliability and functionality of this weapon system. These include improved slings, improved bipods, short barrels, collapsible buttstocks, and combat ammo packs.

FY2008 Grow the Army (GTA) funding procures 1,075 M192 Ground Mounts.

FY 2008 Base Appropriation: \$10.177M
 FY 2008 Grow the Army (GTA): \$ 1.523M
 FY 2008 Total: \$11.700M

FY2006/FY2007 totals include supplemental funding \$19.105 million and \$0.0 million respectively to support the global war on terrorism.

Exhibit P-40M, Budget Item Justification Sheet										Date: February 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		11.4	3.6	9.5	6.0	6.3	5.6	4.8	5.0	0.0	52.2
M192 Light Weight Ground Mount											
TBD2		31.8	1.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	35.3
Rapid Fielding Initiative											
TBD3		7.9	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	8.3
Closed Mods											
NA		8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2
Totals		59.3	5.3	11.7	6.0	6.3	5.6	4.8	5.0	0.0	104.0

INDIVIDUAL MODIFICATION

Date: February 2007

MODIFICATION TITLE: M240B System Improvements [MOD 1] TBD1

MODELS OF SYSTEM AFFECTED:

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 improves 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 - 31 Mar 09 FY 2010 -

Delivery Dates: FY 2008 - 30 Nov 08 FY 2009 - 30 Nov 09 FY 2010 -

INDIVIDUAL MODIFICATION

Date: February 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	35945		12300		27180		11300		10750		10475		7800		4650					120400	
Hardware		10.6		3.3		8.9		5.5		5.8		5.1		4.4		4.6					48.2
Engineering Support		0.4		0.2		0.3		0.3		0.3		0.3		0.3		0.3					2.4
Integrated Logistical Support				0.1		0.1		0.1		0.1		0.1			0.1						0.6
Fielding		0.4				0.2		0.1		0.1		0.1		0.1							1.0
Installation of Hardware																					
FY 2006 & Prior Equip -- Kits	15900		10445		9600																35945
FY 2007 Equip -- Kits					10771		1529														12300
FY 2008 Equip -- Kits							27180														27180
FY 2009 Equip -- Kits									11300												11300
FY 2010 Equip -- Kits										10750											10750
FY 2011 Equip -- Kits												10475									10475
FY 2012 Equip -- Kits													7800								7800
FY 2013 Equip -- Kits																	4650				4650
TC Equip																					
Total Installment	15900	0.0	10445	0.0	20371	0.0	28709	0.0	11300	0.0	10750	0.0	10475	0.0	7800	0.0	4650	0.0	120400	0.0	
Total Procurement Cost		11.4		3.6		9.5		6.0		6.3		5.6		4.8		5.0		0.0			52.2

INDIVIDUAL MODIFICATION

Date: February 2007

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

MODELS OF SYSTEM AFFECTED:

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									886	475										
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																					1361
Outputs																					

METHOD OF IMPLEMENTATION: Field Applications ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 12 months
 Contract Dates: FY 2008 - 30 Jan 08 FY 2009 - FY 2010 -
 Delivery Dates: FY 2008 - 30 Jan 09 FY 2009 - FY 2010 -

INDIVIDUAL MODIFICATION

Date: February 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	24398	29.3	682	1.2	286	0.3													25366	30.8
M192 Ground Mount -GTA					1075	1.2													1075	1.2
Engineering Support		1.7		0.1		0.2														2.0
Testing		0.2																		0.2
Integrated Logistical Support		0.3				0.1														0.4
Fielding		0.2		0.1		0.1														0.4
New Equipment Training		0.1		0.1		0.1														0.3
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits	4721		11392		8285															24398
FY 2007 Equip -- Kits					682															682
FY 2008 Equip -- Kits							1361													1361
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip																				
Total Installment	4721	0.0	11392	0.0	8967	0.0	1361	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	26441	0.0
Total Procurement Cost		31.8		1.5		2.0		0.0		0.0		0.0		0.0		0.0		0.0		35.3

INDIVIDUAL MODIFICATION

Date: February 2007

MODIFICATION TITLE: Rapid Fielding Initiative [MOD 3] TBD3

MODELS OF SYSTEM AFFECTED:

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, 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									114													
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																								114

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

INDIVIDUAL MODIFICATION

Date: February 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	\$
	RDT&E																			
Procurement																				
Quantity (Various Components)	122		118		114														354	
Hardware		6.4		0.2		0.2														6.8
Engineering Support		1.0																		1.0
Integrated Logistical Support		0.1																		0.1
Testing		0.2																		0.2
Studies		0.2																		0.2
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits			122																122	
FY 2007 Equip -- Kits					118														118	
FY 2008 Equip -- Kits							114												114	
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits																				
FY 2011 Equip -- Kits																				
FY 2012 Equip -- Kits																				
FY 2013 Equip -- Kits																				
TC Equip																				
Total Installment	0	0.0	122	0.0	118	0.0	114	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	354	0.0
Total Procurement Cost		7.9		0.2		0.2		0.0		0.0		0.0		0.0		0.0		0.0		8.3

Exhibit P-40, Budget Item Justification Sheet

Date: February 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	117.8	12.1	1.0	4.1	1.0	3.6	3.6	3.5	3.5		150.1
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1	117.8	12.1	1.0	4.1	1.0	3.6	3.6	3.5	3.5		150.1
Initial Spares											
Total Proc Cost	117.8	12.1	1.0	4.1	1.0	3.6	3.6	3.5	3.5		150.1
Flyaway U/C											
Weapon System Proc U/C											

Description:

The M16 Rifle Modifications Program provides a Combat Optic and a Modular Weapon System (MWS) suite for the M16A2 and the M16A4 Rifles. The MWS includes a rail system, a flashlight mount, a quick attach bracket kit for the M203 Grenade Launcher, and back-up iron sight for the M16A4 Rifle. Based on mission requirements the MWS allows the custom configuration of M16 Rifles with accessories and smaller items, i.e., optics, night sights, and laser pointers.

Justification:

FY 2008/FY 2009 procure M16 Modular Weapon Systems (MWS), and Improved Combat Optics. The MWS is a key component of the individual Soldier lethality and allows the combat commander to custom configure weapons with various accessories based upon the mission. The Improved Combat Optics will enhance the capability to identify and engage targets from 300 to 600m for 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. In support of Operation Iraqi Freedom (OIF) and Operations Enduring Freedom (OEF) additional items are being procured for the Rapid Fielding Initiative (RFI). The RFI provides new equipment to units being deployed. These items include the close combat optic, magnified optics, tactical weapon lights, magazines, bipods, cleaning kits, and slings.

FY08 Grow the Army funding procures 500 M5 Rail Systems for the M16A2/M16A4.

FY2008 Base Appropriation \$3.900M
 FY2008 Grow the Army \$.188M
 FY2008 Total \$4.088M

FY 2006/FY 2007 totals include supplemental funding \$10.249 million and \$0.0 million respectively to support the global war on terrorism.

Exhibit P-40M, Budget Item Justification Sheet	Date: February 2007
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Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles	P-1 Item Nomenclature M16 RIFLE MODS (GZ2800)
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Program Elements for Code B Items:	Code:	Other Related Program Elements:
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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	35.4	0.9	1.1	0.9	0.9	0.9	0.9	0.9	0.0	41.9
Combat Optics											
TBD2	Operational	0.0	0.1	3.0	0.1	2.7	2.7	2.6	2.6	0.0	13.8
Closed Mods											
TBD3		94.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.5
Totals		129.9	1.0	4.1	1.0	3.6	3.6	3.5	3.5	0.0	150.2

INDIVIDUAL MODIFICATION

Date: February 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 allows 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	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 - Jan 08 FY 2009 - Jan 09 FY 2010 -
 Delivery Dates: FY 2008 - Mar 08 FY 2009 - Mar 09 FY 2010 -

INDIVIDUAL MODIFICATION

Date: February 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)	44446																		44446	
Quantity (Other Components)			900		900		900		900		900		900		900				6300	
Hardware		32.7		0.8		0.8		0.8		0.8		0.8		0.8		0.8				38.3
Engineering Support		1.5		0.1		0.1		0.1		0.1		0.1		0.1		0.1				2.2
Testing		0.1																		0.1
Integrated Logistical Support		0.4																		0.4
Fielding		0.6																		0.6
Engineering Study		0.1																		0.1
Rail Systems (GTA)					500	0.2													500	0.2
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits	38483		5963																	44446
FY 2007 -- Kits			900																	900
FY 2008 Equip -- Kits					1400															1400
FY 2009 Equip -- Kits							900													900
FY 2010 Equip -- Kits								900												900
FY 2011 Equip -- Kits										900										900
FY 2012 Equip -- Kits												900								900
FY 2013 Equip -- Kits														900						900
TC Other Equip- Kits																				
Total Installment	38483	0.0	6863	0.0	1400	0.0	900	0.0	900	0.0	900	0.0	900	0.0	900	0.0	0	0.0	51246	0.0
Total Procurement Cost		35.4		0.9		1.1		0.9		0.9		0.9		0.9		0.9		0.0		41.9

INDIVIDUAL MODIFICATION

Date: February 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.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Milestone B 2Q06(Plan)
 Developmental/Operational Test 3Q06 (Plan)
 Milestone C 4Q06 (Plan)
 First Unit Equipped 2Q07 (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: Installed by troops ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 2 months
 Contract Dates: FY 2008 - Jan 08 FY 2009 - Jan 09 FY 2010 -
 Delivery Dates: FY 2008 - Mar 08 FY 2009 - Mar 09 FY 2010 -

INDIVIDUAL MODIFICATION

Date: February 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			100		3700				3300		3300		3200		3200				16800	
Hardware				0.1		2.7				2.4		2.4		2.3		2.3				12.2
Engineering Support						0.1		0.1		0.1		0.1		0.1		0.1				0.6
Integrated Logistical Support						0.1				0.1		0.1		0.1		0.1				0.5
Total Package Fielding						0.1				0.1		0.1		0.1		0.1				0.5
Installation of Hardware																				
FY 2006 & Prior Equip -- Kits																				
FY 2007 -- Kits					100														100	
FY 2008 Equip -- Kits					3100		600												3700	
FY 2009 Equip -- Kits																				
FY 2010 Equip -- Kits									3300										3300	
FY 2011 Equip -- Kits											3300								3300	
FY 2012 Equip -- Kits													3200						3200	
FY 2013 Equip -- Kits															3200				3200	
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	3200	0.0	600	0.0	3300	0.0	3300	0.0	3200	0.0	3200	0.0	0	0.0	16800	0.0
Total Procurement Cost		0.0		0.1		3.0		0.1		2.7		2.7		2.6		2.6		0.0		13.8

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No: Procurement of W&TCV, Army / 2 / Weapons and other combat vehicles
 P-1 Item Nomenclature: ITEMS LESS THAN \$5.0M (WOCV-WTCV) (GL3200)

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	90.8	0.7	2.1	1.3							94.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc PI	90.8	0.7	2.1	1.3							94.9
Initial Spares											
Total Proc Cost	90.8	0.7	2.1	1.3							94.9
Flyaway U/C											
Weapon System Proc U/C											

Description:
 Provides for procurement and assembly of tool and shop sets, small arms, auxiliary weapon mounts, mounting platforms, and adaptors. The tool and shop equipment have multiple applications and are essential to all levels of weapon and combat vehicle maintenance. Small arms procured under this budget activity consist of shotguns, grenade launchers, and personal defense weapons for initial buys or to meet urgent needs. Auxiliary weapon mounts, mounting platforms, and adaptors include the M3 Tripod (mount for M2/MK19 Machine Guns), the Swing Arm Mount, the HMMWV Auxiliary Weapon Mount, the M66 cantilever Arm (mounting platforms used to mount machine guns to the frames of HMMWV's), and the MK93 Adapter. 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 about to be deployed.

Justification:
 FY08 Grow the Army funding procures 4,000 M9 Pistols.

FY 2008 Base Appropriation: \$0
 FY 2008 Grow the Army: \$1.262M
 FY 2008 Total: \$1.262M

FY 2006/FY 2007 totals include supplemental funding \$0.004 million and \$0.0 million respectively to support the global war on terrorism.