

DEPARTMENT OF THE ARMY

Procurement Programs



Committee Staff Procurement Backup Book
Fiscal Year (FY) 2007 Supplemental Budget Estimate

PROCUREMENT OF AMMUNITION, ARMY

APPROPRIATION

February 2007

DEPARTMENT OF THE ARMY
 FISCAL YEAR (FY) 2007 PROCUREMENT OF AMMUNITION PROGRAM AMENDED SUPPLEMENTAL

EXHIBIT P-1
 February 2007

Appropriation: ****AMMUNITION****

Activity: 1. ****AMMUNITION****

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	(THOUSANDS OF DOLLARS)								
				FY 2007 Base Appropriation		FY 2007 Title IX (Bridge)		FY 2007 Supplemental		FY 2007 Total		
				QTY	COST	QTY	COST	QTY	COST	QTY	COST	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
	SMALL/MEDIUM CALIBER AMMUNITION											
2	CTG, 7.62MM, ALL TYPES (E02000)	A			56,527		56,800		25,000			138,327
4	CTG, .50 CAL, ALL TYPES (E08000)	A			62,311		62,550		39,300			164,161
5	CTG, 20MM, ALL TYPES (E08900)	A			101		11,100		38,100			49,301
6	CTG, 25MM, ALL TYPES (E08200)	A			31,960				15,000			46,960
7	CTG, 30MM, ALL TYPES (ER8120)	A			19,353				40,000			59,353
8	CTG, 40MM, ALL TYPES (ER8001)	A			128,889				165,200			294,089
					-----		-----		-----			-----
	SUB-ACTIVITY TOTAL								322,600			
	TANK AMMUNITION											
14	CTG, TANK, 120MM TACTICAL, ALL TYPES (E78012)				53,638				8,000			61,638
					-----		-----		-----			-----
	SUB-ACTIVITY TOTAL								8,000			
	ARTILLERY AMMUNITION											
19	MODULAR ARTILLERY CHARGE SYSTEM (MACS) (E27501)	A			73,588				20,000			93,588
					-----		-----		-----			-----
	SUB-ACTIVITY TOTAL								20,000			

DEPARTMENT OF THE ARMY
 FISCAL YEAR (FY) 2007 PROCUREMENT OF AMMUNITION PROGRAM AMENDED SUPPLEMENTAL

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LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	FY 2007		FY 2007		FY 2007		FY 2007	
				Base Appropriation		Title IX (Bridge)		Supplemental		Total	
				QTY	COST	QTY	COST	QTY	COST	QTY	COST
(1)	(2)			(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	MINES										
23	MINE, CLEARING CHARGE, ALL TYPES (E75100)	A			4,877				6,000		10,877
					-----		-----		-----		-----
	SUB-ACTIVITY TOTAL								6,000		
	ROCKETS										
25	SHOULDER FIRED ROCKETS, ALL TYPES (EA4000)	A			7,710				30,000		37,710
26	ROCKET, HYDRA 70, ALL TYPES (E34000)	A			136,121				28,000		164,121
					-----		-----		-----		-----
	SUB-ACTIVITY TOTAL								58,000		
	OTHER AMMUNITION										
27	DEMOLITION MUNITIONS, ALL TYPES (E55400)	A			36,001				23,500		59,501
28	GRENADES, ALL TYPES (E34000)	B			55,936				2,000		57,936
29	SIGNALS, ALL TYPES (E46900)	A			26,278				163,900		190,178
30	SIMULATORS, ALL TYPES (E51200)	A			10,748				12,000		22,748
					-----		-----		-----		-----
	SUB-ACTIVITY TOTAL								201,400		

DEPARTMENT OF THE ARMY
 FISCAL YEAR (FY) 2007 PROCUREMENT OF AMMUNITION PROGRAM AMENDED SUPPLEMENTAL

EXHIBIT P-1
 February 2007

Appropriation: ****AMMUNITION****

Activity: **1. **AMMUNITION****

LINE NO.	ITEM NOMENCLATURE	ID	(DOLS) FY 00 UNIT COST	FY 2007		FY 2007		FY 2007		FY 2007	
				Base Appropriation		Title IX (Bridge)		Supplemental		Total	
				QTY	COST	QTY	COST	QTY	COST	QTY	COST
(1)	(2)			(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	MISCELLANEOUS										
32	NON-LETHAL AMMUNITION, ALL TYPES (E91901)	A			29,968				55,500		85,468
34	ITEMS LESS THAN \$5 MILLION (EA0055)	A			5,471				10,000		15,471
					-----				-----		-----
	SUB-ACTIVITY TOTAL								65,500		
	ACTIVITY TOTAL								681,500		
									681,500		

Table of Contents - Procurement of Ammunition, Army

BLIN	SSN	Nomenclature	Page
002	E02000	CTG, 7.62MM, ALL TYPES	1
004	E08000	CTG, .50 CAL, ALL TYPES	14
005	E08900	CTG, 20MM, ALL TYPES	40
006	E08200	CTG, 25MM, ALL TYPES	47
007	ER8120	CTG, 30MM, ALL TYPES	58
008	ER8001	CTG, 40MM, ALL TYPES	65
014	E78012	Ctg, Tank, 120mm Tactical, All Types	98
019	E27501	Modular Artillery Charge System (MACS), All Types	104
023	E75100	MINE, CLEARING CHARGE, ALL TYPES	111
025	EA4000	SHOULDER FIRED ROCKETS, ALL TYPES	118
026	E37300	ROCKET, HYDRA 70, ALL TYPES	128
027	E55400	DEMOLITION MUNITIONS, ALL TYPES	145
028	E34000	GRENADES, ALL TYPES	171
029	E46900	SIGNALS, ALL TYPES	174
030	E51200	SIMULATORS, ALL TYPES	201
032	E91901	Non-Lethal Ammunition, All Types	218
034	EA0055	ITEMS LESS THAN \$5 MILLION	233

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No: Procurement of Ammunition, Army / 1 / Ammunition
 P-1 Item Nomenclature: CTG, 7.62MM, ALL TYPES (E02000)

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

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				138.3						138.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				138.3						138.3
Initial Spares										
Total Proc Cost				138.3						138.3
Flyaway U/C										
Weapon System Proc U/C										

Description:
 This budget line includes 7.62MM ALL TYPES.

FY 2007 Base Appropriation - \$ 56.5 million
 FY 2007 Title IX (Bridge) Appropriation - \$ 56.8 million
 FY 2007 Main Supplemental Request - \$ 25.0 million
 FY 2007 Total - \$138.3 million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG, 7.62MM, ALL TYPES (E02000)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 7.62MM BLANK M82 LINKED/M13									39009	95891	0.41
CTG 7.62MM BALL M80 LINKED/M13									6480	11773	0.55
CTG 7.62MM 4 BALL/1 TRACER F/MINIGUN									4509	8671	0.53
CTG 7.62MM 4 BALL/1 TRACER F/OHF									1623	3748	0.44
CTG 7.62MM M118 LONG RANGE									1991	3180	0.63
CTG 7.62MM ARMOR PIERCING M993									10171	5840	1.75
CTG 7.62MM 4 BALL/1 TRACER LINKED									70368	111116	0.63
CTG 7.62MM SR TRG 4BALL/1TR M973/M974									4176	5069	0.83
Total:									138327		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 7.62MM 4 BALL/1 TRACER LINKED (E02002)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				111116						111116
Gross Cost				70.4						70.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				70.4						70.4
Initial Spares										
Total Proc Cost				70.4						70.4
Flyaway U/C										
Weapon System Proc U/C										

Description:

This item consists of M80 ball and M62 tracer rounds linked four-to-one and is used in machine gun series M60 and M240. It is intended for use against personnel and non-armor targets. This is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$20.0 million) procures an additional 32.798 million cartridges in support for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1957

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 7.62MM 4 BALL/1 TRACER LINKED (E02002)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
COMPLETE ROUND									15883	26046	0.61
H/W SUBTOTAL									15883		
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									1631		
QUALITY ASSURANCE									5		
ACCEPTANCE TESTING									349		
PLANT MODERNIZATION									700		
PROD SUPPORT SUBTOTAL									2685		
FY 2007 Title IX (Bridge) Appropriation											
COMPLETE ROUND									31800	52148	0.61
TITLE IX SUBTOTAL									31800		
H/W SUBTOTAL									20000		
FY 2007 Main Supplemental Request											
COMPLETE ROUND									20000	32798	0.61
H/W SUBTOTAL									20000		
Total:									70368		0.63

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: CTG 7.62MM 4 BALL/1 TRACER LINKED (E02002)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 Base Appropriation										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jan 07	Oct 07	19535	0.61	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	6512	0.61	Y		
FY 2007 Title IX (Bridge) Appropriation										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	39111	0.61	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	13037	0.06	Y		
FY 2007 Main Supplemental Request										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	24598	0.61	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	8199	0.61	Y		

REMARKS: THE SMALL CALIBER AMMUNITION STRATEGY CONSISTS OF FOUR STEPS. FIRST, MAXIMIZE LAKE CITY ARMY AMMUNITION PLANT (LCAAP) TO 1.2B CARTRIDGES; SECOND, CONTRACT FOR COMMERCIAL CAPACITY OF 300M CARTRIDGES; THIRD, INCREASE LCAAP CAPACITY AN ADDITIONAL 300M CARTRIDGES; AND FOURTH, INCREASE COMMERCIAL CAPACITY AN ADDITIONAL 200M CARTRIDGES. THIS ITEM IS INCLUDED IN THIS ACQUISITION STRATEGY. COMMERCIAL CAPACITY REQUIREMENTS WILL BE DETERMINED YEARLY BASED ON TOTAL SMCA REQUIREMENTS.

NOTE: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG 7.62MM 4 BALL/1 TRACER LINKED (E02002)	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 x1Mil	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			

COMPLETE ROUND																																						
2	FY 07 S	A	6.51	0.00	6.51										A														0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	3.01
1	FY 07 S	A	19.50	0.00	19.50				A									2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.50	0.00				
1	FY 07 IX	A	39.10	0.00	39.10										A												3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	18.10		
2	FY 07 IX	A	13.00	0.00	13.00										A												1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	6.00		
1	FY 07	A	24.60	0.00	24.60										A												2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	10.60		
2	FY 07	A	8.20	0.00	8.20										A												0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	3.30		
2	FY 07	AF	0.60	0.00	0.60																						0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.00		
1	FY 07	AF	1.80	0.00	1.80													0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.00			
						O C T	N O V	D E C	J A N	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	ALLIANT TECH (LCAAP), INDEPENDENCE, MO		13.85	47.80		1	6	4	9	13	
							0	9	9	18	
2	GENERAL DYNAMICS, ST PETERSBURG, FL		5.00	10.00		2	6	9	9	18	
							0	9	9	18	
3	ISRAEL MILITARY INDUSTRIES, NAZARETH ILLIT, IS		5.00	17.00	4.00	3	6	4	9	13	
							6	4	9	13	

FY 07 / 08 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
CTG 7.62MM 4 BALL/1 TRACER LINKED (E02002)

Date:
February 2007

COST ELEMENTS						Fiscal Year 07													Fiscal Year 08													Later
MFR	FY	S E R V	PROC QTY x1Mil	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 07	CG	1.08	0.00	1.08												0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.08		0.00
2	FY 07	CG	0.36	0.00	0.36																				0.10	0.10	0.10	0.06				0.00
1	FY 07	MC	15.00	13.92	1.08												0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.08		0.00
2	FY 07	MC	4.99	4.63	0.36																			0.10	0.10	0.10	0.06				0.00	
1	FY 07	NS	1.90	0.00	1.90												0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.30	0.30		0.00	
2	FY 07	NS	0.64	0.00	0.64																		0.10	0.10	0.10	0.10	0.10	0.04	0.10		0.00	
1	FY 07	SOF	2.25	0.35	1.90												0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.30	0.30		0.00	
2	FY 07	SOF	0.75	0.00	0.75																		0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10		0.05
Total			140.28	18.90	121.38												2.50	2.50	2.50	2.50	2.50	2.50	10.20	10.30	9.50	9.42	9.30	9.40	9.70	41.06		
						O C T	N O V	D E C	J A N	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	ALLIANT TECH (LCAAP), INDEPENDENCE, MO				13.85	47.80		1	
							Reorder	0	9	9	18
2	GENERAL DYNAMICS, ST PETERSBURG, FL		5.00	10.00		2	Initial	6	9	9	18
							Reorder	0	9	9	18
3	ISRAEL MILITARY INDUSTRIES, NAZARETH ILLIT, IS		5.00	17.00	4.00	3	Initial	6	4	9	13
							Reorder	6	4	9	13
							Initial				
							Reorder				
							Initial				
							Reorder				

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG 7.62MM 4 BALL/1 TRACER LINKED (E02002)	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 x1Mil	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			

COMPLETE ROUND																															
2	FY 07 S	A	6.51	3.50	3.01	0.50	0.50	0.50	0.50	1.01																					0.00
1	FY 07 S	A	19.50	19.50																											0.00
1	FY 07 IX	A	39.10	21.00	18.10	4.00	4.00	4.00	4.00	2.10																				0.00	
2	FY 07 IX	A	13.00	7.00	6.00	1.00	1.00	1.00	1.00	2.00																				0.00	
1	FY 07	A	24.60	14.00	10.60	2.00	2.00	2.00	2.00	2.60																				0.00	
2	FY 07	A	8.20	4.90	3.30	0.70	0.70	0.70	0.70	0.50																				0.00	
2	FY 07	AF	0.60	0.60																										0.00	
1	FY 07	AF	1.80	1.80																										0.00	
						O C T	N O V	D E C	J A N	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	3			Initial	Reorder			
1	ALLIANT TECH (LCAAP), INDEPENDENCE, MO		13.85	47.80		1	6	4	9	13	
							0	9	9	18	
2	GENERAL DYNAMICS, ST PETERSBURG, FL		5.00	10.00		2	6	9	9	18	
							0	9	9	18	
3	ISRAEL MILITARY INDUSTRIES, NAZARETH ILLIT, IS		5.00	17.00	4.00	3	6	4	9	13	
							6	4	9	13	
							Initial				
							Reorder				
							Initial				
							Reorder				

COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
MFR	FY	SERV	PROC QTY x1Mil	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09														Calendar Year 10														
						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	CG	1.08	1.08																								0.00						
2	FY 07	CG	0.36	0.36																								0.00						
1	FY 07	MC	15.00	15.00																								0.00						
2	FY 07	MC	4.99	4.99																								0.00						
1	FY 07	NS	1.90	1.90																								0.00						
2	FY 07	NS	0.64	0.64																								0.00						
1	FY 07	SOF	2.25	2.25																								0.00						
2	FY 07	SOF	0.75	0.70	0.05	0.05																						0.00						
Total					140.28	99.22	41.06	8.25	8.20	8.20	8.20	8.21																						
						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	ALLIANT TECH (LCAAP), INDEPENDENCE, MO				13.85	47.80				1
						Reorder	0	9	9	18		
2	GENERAL DYNAMICS, ST PETERSBURG, FL		5.00	10.00		2	Initial	6	9	9	18	
						Reorder	0	9	9	18		
3	ISRAEL MILITARY INDUSTRIES, NAZARETH ILLIT, IS		5.00	17.00	4.00	3	Initial	6	4	9	13	
						Reorder	6	4	9	13		
						Initial						
						Reorder						
						Initial						
						Reorder						

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 7.62MM ARMOR PIERCING M993 (F47500)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				5840						5840
Gross Cost				10.2						10.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.2						10.2
Initial Spares										
Total Proc Cost				10.2						10.2
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M993 7.62mm Armor Piercing (AP) cartridge is designed for use in the M240 Machine Gun and the M24 Sniper Weapon intended for use against light armored targets. The cartridge consists of a projectile and a propelling charge contained in a brass cartridge case to which the projectile is secured. The projectile consists of a tungsten core penetrator, which is enclosed by metal jacket. The armor penetrating capabilities provide for a cartridge that can defeat lightly armored targets within typical medium machine gun engagement ranges. The item is Code A, approved for service use.

Justification:

This is a war reserve item. Procurement builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$5.0 million) procures an additional 2.929 million cartridges in support for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements.

TYPE CLASSIFICATION DATE: February 1996.

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 7.62MM ARMOR PIERCING M993 (F47500)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY07 BASE APPROPRIATION											
LOAD, ASSEMBLE, PACK											
M993 7.62MM AP PENETRATOR											
H/W SUBTOTAL											
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING											
QUALITY ASSURANCE											
ACCEPTANCE TESTING											
PROD SUPPORT SUBTOTAL											
FY07 MAIN SUPPLEMENTAL REQUEST											
LOAD, ASSEMBLE, PACK											
M993 7.62MM AP PENETRATOR											
H/W SUBTOTAL											
Total:											
									758	2911	0.26
									4210	2328	1.81
									4968		
									204		
									204		
									763	2929	0.26
									4237	2343	1.81
									5000		
									10172		1.75

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 x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition											
		Weapon System Type: P-1 Line Item Nomenclature: CTG 7.62MM ARMOR PIERCING M993 (F47500)									
FY07 BASE APPROPRIATION LOAD, ASSEMBLE, PACK FY 2007	Alliant Tech (LCAAP) Independence, MO	SS/FP	ROCK ISLAND, IL	Mar 07	Oct 07	2911	0.26	Y			
M993 7.62MM AP PENETRATOR FY 2007	Nordic Ammunition Co (NAMMO) Karlsborg, Sweden	SS/FP	ROCK ISLAND, IL	Dec 06	Jun 07	2328	1.81	Y			
FY07 MAIN SUPPLEMENTAL REQUEST LOAD, ASSEMBLE, PACK FY 2007	Alliant Tech (LCAAP) Independence, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Jan 08	2929	0.26	Y			
M993 7.62MM AP PENETRATOR FY 2007	Nordic Ammunition Co (NAMMO) Karlsborg, Sweden	SS/Option	ROCK ISLAND, IL	Jun 07	Dec 07	2343	1.81	Y			

REMARKS:

FY 03 / 04 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG 7.62MM ARMOR PIERCING M993 (F47500)	Date: February 2007
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COST ELEMENTS						Fiscal Year 03												Fiscal Year 04												Later
M F R	FY	S E R V	PROC QTY x1Mil	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 03												Calendar Year 04												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

FY 07 BASE APPROPRIATION

LOAD, ASSEMBLE, PACK																												
1	FY 07	A	2.90	0.00	2.90																							0.00
1	FY 07	NS	0.08	0.00	0.08																							0.00

FY 07 MAIN SUPPLEMENTAL REQUEST

LOAD, ASSEMBLE, PACK																																														
1	FY 07 S	A	2.93	0.00	2.93																			0.50	0.50	0.50	0.50	0.50	0.10	0.10	0.10	0.13	0.00													
Total																																														
			5.91		5.91																													0.48	0.40	0.40	0.90	0.90	0.90	0.90	0.60	0.10	0.10	0.10	0.13	

O C T	N O V	D E C	J A N	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 FY07 SUPP ALT 2-9-7-16
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
1	Alliant Tech (LCAAP), Independence, MO		1.50	4.00		1	Initial	2	6	11	17
							Reorder	2	6	7	13
2	Nordic Ammunition Co (NAMMO), Karlsborg, Sweden		1.50	4.00		2	Initial	3	3	6	9
							Reorder	2	9	7	16
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG, .50 CAL, ALL TYPES (E08000)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				164.2						164.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				164.2						164.2
Initial Spares										
Total Proc Cost				164.2						164.2
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes .50 CAL ALL TYPES.

FY 2007 Base Appropriation- \$62.3 million
 FY 2007 Title IX (Bridge) Appropriation- \$62.6 million
 FY 2007 Supplemental- \$39.3 million
 FY 2007 Total- \$164.2 million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG, .50 CAL, ALL TYPES (E08000)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG CAL .50 BALL M33 W/M9 LINK									10699	4747	2.25
CTG CAL .50 4 BALL/1 TRACER W/M9 LINK									81373	32512	2.50
CTG CAL .50 SLAP-T M903 (M962 TRACER)									21807	1827	11.93
CTG CAL .50 API MK211 MOD 0 MULTI SINGLE									1270	156	8.14
CTG CAL .50 BLANK M1A1 LKD W/M9 LNK									8444	5829	1.45
CTG CAL .50 SLAP-T M962									3428	246	13.94
CTG, CAL .50 API MK211 MOD 0 LKD 4/1									11148	1199	9.30
CTG CAL .50 SHORT RG LINKED 4/1									417	117	3.56
CTG CAL .50 SNIPER XM1022									5522	1676	3.29
CTG CAL, 50 LKD 4 API/1 API T/WM9 LINK									20053	7317	2.77
Total:									164161		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG CAL .50 LINKED 4 API/1 API TRACER W/M9 LINK (E06903)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				7243						7243
Gross Cost				20.1						20.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				20.1						20.1
Initial Spares										
Total Proc Cost				20.1						20.1
Flyaway U/C										
Weapon System Proc U/C										

Description:

This item consists of Cartridge, Armor Piercing Incendiary M8 and Cartridge, Tracer M20 linked 4-to-1 in 100-round belts with the M9 link for use in the M2 Machine Gun to defeat light armor targets. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$20.0 million) procures 7.243 million cartridges in support for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Mid-1940's

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG CAL .50 LINKED 4 API/1 API TRACER W/M9 LINK (E06903)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY07 BASE APPROPRIATION											
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									53		
SUB TOTAL PRODUCTION SUPPORT									53		
FY07 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
LOAD, ASSEMBLE, PACK									19140	7243	2.64
BOX METAL M2A1									683	74	9.24
H/W SUBTOTAL									19823		
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING									155		
QUALITY ASSURANCE									4		
ACCEPTANCE TESTING									18		
SUB TOTAL PRODUCTION SUPPORT									177		
Total:									20053		2.77

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 x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition										
		Weapon System Type:	P-1 Line Item Nomenclature: CTG CAL .50 LINKED 4 API/1 API TRACER W/M9 LINK (E06903)							
FY07 MAIN SUPPLEMENTAL REQUEST LOAD, ASSEMBLE, PACK										
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	4708	2.64	Y		
FY 2007	GENERAL DYNAMICS ORD & TAC St. Petersburg, FL	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	2535	2.64	Y		
BOX METAL M2A1										
FY 2007	BWAY CORPORATION ATLANTA, GA	C/OPTION	ROCK ISLAND, IL	Mar 07	Sep 07	60	9.24	Y		
FY 2007	BEST FOAM FAB CHICAGO, IL	C/OPTION	ROCK ISLAND, IL	Jun 07	Sep 07	14	9.24	Y		

REMARKS: THE SMALL CALIBER AMMUNITION STRATEGY CONSISTS OF FOUR STEPS. FIRST, MAXIMIZE LAKE CITY ARMY AMMUNITION PLANT (LCAAP) TO 1.2B CARTRIDGES; SECOND, CONTRACT FOR COMMERCIAL CAPACITY OF 300M CARTRIDGES; THIRD, INCREASE LCAAP CAPACITY AN ADDITIONAL 300M CARTRIDGES; AND FOURTH, INCREASE COMMERCIAL CAPACITY AN ADDITIONAL 200M CARTRIDGES. THIS ITEM IS INCLUDED IN THIS ACQUISITION STRATEGY. COMMERCIAL CAPACITY REQUIREMENTS WILL BE DETERMINED YEARLY BASED ON TOTAL SMCA REQUIREMENTS.

NOTE: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG CAL .50 LINKED 4 API/1 API TRACER W/M9 LINK (E06903)	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 x1Mil	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	

LOAD, ASSEMBLE, PACK																																					
1	FY 07 S	A	4.71	0.00	4.71										A														0.40	0.40	0.40	0.40	0.36	0.40	0.40	1.95	
2	FY 07 S	A	2.53	0.00	2.53										A														0.22	0.21	0.21	0.21	0.21	0.21	0.21	1.05	
1	FY 07	AF	1.06	0.00	1.06					A								0.09	0.09	0.08	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.00					
2	FY 07	AF	0.36	0.00	0.36										A															0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.15
1	FY 07	CG	0.29	0.00	0.29					A								0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.02	0.03	0.02	0.00							
2	FY 07	CG	0.10	0.00	0.10										A															0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03
1	FY 07	MC	1.34	0.00	1.34					A								0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.11	0.11	0.11	0.11	0.12	0.11	0.00						
2	FY 07	MC	0.45	0.00	0.45										A															0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.17
1	FY 07	NS	0.77	0.00	0.77					A								0.07	0.06	0.06	0.06	0.06	0.07	0.06	0.07	0.06	0.07	0.07	0.06	0.00							
2	FY 07	NS	0.26	0.00	0.26										A															0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.11
1	FY 07	SOF	0.49	0.00	0.49					A								0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.00						
2	FY 07	SOF	0.16	0.00	0.16										A															0.02	0.01	0.01	0.02	0.01	0.02	0.01	0.06
										O C T	N O V	D E C	J A N	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	ALLIANT TECH (LCAAP), INDEPENDENCE, MO		1.15	3.96		1	Initial	6	4	9	13	
							Reorder	0	9	9	18	
2	GENERAL DYNAMICS ORD & TAC, St. Petersburg, FL		0.30	0.75		2	Initial	6	4	9	13	
							Reorder	0	9	9	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG CAL .50 LINKED 4 API/1 API TRACER W/M9 LINK (E06903)	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 x1Mil	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

LOAD, ASSEMBLE, PACK																															
1	FY 07 S	A	4.71	2.76	1.95	0.40	0.40	0.35	0.40	0.40																				0.00	
2	FY 07 S	A	2.53	1.48	1.05	0.21	0.21	0.21	0.21	0.21																				0.00	
1	FY 07	AF	1.06	1.06																											0.00
2	FY 07	AF	0.36	0.21	0.15	0.03	0.03	0.03	0.03	0.03																				0.00	
1	FY 07	CG	0.29	0.29																											0.00
2	FY 07	CG	0.10	0.07	0.03	0.01	0.01			0.01																				0.00	
1	FY 07	MC	1.34	1.34																											0.00
2	FY 07	MC	0.45	0.28	0.17	0.04	0.03	0.03	0.03	0.04																				0.00	
1	FY 07	NS	0.77	0.77																											0.00
2	FY 07	NS	0.26	0.15	0.11	0.03	0.02	0.02	0.02	0.02																				0.00	
1	FY 07	SOF	0.49	0.49																											0.00
2	FY 07	SOF	0.16	0.10	0.06	0.02	0.01	0.01	0.01	0.01																				0.00	
						O C T	N O V	D E C	J A N	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	ALLIANT TECH (LCAAP), INDEPENDENCE, MO		1.15	3.96		1	Initial	6	4	9	13		
							Reorder	0	9	9	18		
2	GENERAL DYNAMICS ORD & TAC, St. Petersburg, FL		0.30	0.75		2	Initial	6	4	9	13		
							Reorder	0	9	9	18		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG CAL .50 4 BALL/1 TRACER W/M9 LINK (E07200)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				32512						32512
Gross Cost				81.4						81.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				81.4						81.4
Initial Spares										
Total Proc Cost				81.4						81.4
Flyaway U/C										
Weapon System Proc U/C										

Description:

This item consists of Cartridge, Ball M33 and Cartridge, Tracer M17 linked 4-to-1 with in 100-round belts with the M9 link for use in either the M2 or M3 Machine Gun. The tracer cartridge permits observation of the bullet's trajectory to the point of impact. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. FY 2007 procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$4.3 million) procures 1.783 million cartridges in support for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fighter requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1968

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG CAL .50 4 BALL/1 TRACER W/M9 LINK (E07200)			Weapon System Type:	Date: February 2007				
AMMO Cost Elements	ID	FY 05			FY 06			FY 07		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation										
HARDWARE										
LOAD, ASSEMBLE, PACK								11104	4792	2.32
BOX METAL M2A1								452	49	9.24
H/W SUBTOTAL								11556		
PRODUCTION SUPPORT COSTS										
PRODUCTION ENGINEERING								2560		
QUALITY ASSURANCE								7		
ACCEPTANCE TESTING										
PROD SUPPORT SUBTOTAL								2567		
PLANT MODERNIZATION										
NON-RECURRING COSTS										
.50 CAL DODIC REDUCTION STUDY								400		
NON-RECURRING SUBTOTAL								400		
FY2007 Title IX (Bridge) Appropriation										
HARDWARE										
LOAD, ASSEMBLE, PACK								60106	25937	2.32
BOX METAL M2A1								2444	265	9.24
H/W SUBTOTAL								62550		
FY 2007 Main Supplemental Request										
HARDWARE										
LOAD, ASSEMBLE, PACK								4132	1783	2.32
BOX METAL M2A1								168	18	9.24
H/W SUBTOTAL								4300		
Total:								81373		2.51

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: CTG CAL .50 4 BALL/1 TRACER W/M9 LINK (E07200)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 Base Appropriation										
LOAD, ASSEMBLE, PACK										
FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jan 07	Oct 07	3354	2.32	Y		
FY 2007	GENERAL DYNAMICS ORD & TAC ST. PETERSBERG	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	1438	2.32	Y		
BOX METAL M2A1										
FY 2007	BWAY CORPORATION ATLANTA, GA	C/Option	ROCK ISLAND, IL	Mar 07	Sep 07	39	9.24	Y		
FY 2007	BEST FOAM FAB CHICAGO, IL	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	10	9.24	Y		
FY2007 Title IX (Bridge) Appropriation										
LOAD, ASSEMBLE, PACK										
FY 2007 IX	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	18156	2.32			
FY 2007 IX	GENERAL DYNAMICS ORD & TAC ST. PETERSBERG	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	7781	2.32			
BOX METAL M2A1										
FY 2007 IX	BWAY CORPORATION ATLANTA, GA	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	212	9.24			
FY 2007 IX	BEST FOAM FAB CHICAGO, IL	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	53	9.24			
FY 2007 Main Supplemental Request										
LOAD, ASSEMBLE, PACK										
FY 2007 S	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	1248	2.32			
FY 2007 S	GENERAL DYNAMICS ORD & TAC ST. PETERSBERG	SS/Option	ROCK ISLAND, IL	Jun 07	Mar 08	535	2.32			
BOX METAL M2A1										
FY 2007 S	BWAY CORPORATION ATLANTA, GA	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	15	9.24			
FY 2007 S	BEST FOAM FAB CHICAGO, IL	C/Option	ROCK ISLAND, IL	Jun 07	Sep 07	4	9.24			

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: CTG CAL .50 4 BALL/1 TRACER W/M9 LINK (E07200)								
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WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
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REMARKS: THE SMALL CALIBER AMMUNITION STRATEGY CONSISTS OF FOUR STEPS. FIRST, MAXIMIZE LAKE CITY ARMY AMMUNITION PLANT (LCAAP) TO 1.2B CARTRIDGES; SECOND, CONTRACT FOR COMMERCIAL CAPACITY OF 300M CARTRIDGES; THIRD, INCREASE LCAAP CAPACITY AN ADDITIONAL 300M CARTRIDGES; AND FOURTH, INCREASE COMMERCIAL CAPACITY AN ADDITIONAL 200M CARTRIDGES. THIS ITEM IS INCLUDED IN THIS ACQUISITION STRATEGY. COMMERCIAL CAPACITY REQUIREMENTS WILL BE DETERMINED YEARLY BASED ON TOTAL SMCA REQUIREMENTS.

NOTE: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS

FY 07 / 08 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
CTG CAL .50 4 BALL/1 TRACER W/M9 LINK (E07200)

Date: February 2007

COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														Later
MFR	FY	SERV	PROC QTY x1Mil	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	CG	0.43	0.00	0.43													0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.00			
2	FY 07	CG	0.14	0.00	0.14																			0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.06		
1	FY 07	NS	2.54	0.00	2.54													0.22	0.21	0.21	0.21	0.21	0.22	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.00			
2	FY 07	NS	2.64	0.00	2.64																			0.22	0.22	0.22	0.22	0.22	0.22	0.22	1.10			
Total			39.07		39.07													0.58	0.55	0.54	0.55	0.55	3.34	3.30	3.31	3.18	3.18	3.28	3.29	13.42				
						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	ALLIANT TECH (LCAAP), INDEPENDENCE, MO		5.99	20.77		1	Initial	6	4	9	13	
							Reorder	6	4	9	13	
2	GENERAL DYNAMICS ORD & TAC, ST. PETERSBERG		1.13	2.83		2	Initial	6	9	9	18	
							Reorder	6	9	9	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG CAL .50 4 BALL/1 TRACER W/M9 LINK (E07200)	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 x1Mil	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					

LOAD, ASSEMBLE, PACK																															
1	FY 07 S	A	1.25	1.25	0.51	0.11	0.10	0.10	0.10	0.10																					0.00
2	FY 07 S	A	0.53	0.53	0.21	0.05	0.04	0.04	0.04	0.04																				0.00	
1	FY 07 IX	A	18.20	18.20	7.70	1.60	1.50	1.50	1.50	1.60																				0.00	
2	FY 07 IX	A	7.78	7.78	3.08	0.70	0.60	0.58	0.60	0.60																				0.00	
1	FY 07	A	3.35	3.35																											0.00
2	FY 07	A	1.44	1.44	0.60	0.12	0.12	0.12	0.12	0.12																				0.00	
1	FY 07	AF	0.38	0.38																											0.00
2	FY 07	AF	0.39	0.39	0.16	0.04	0.03	0.03	0.03	0.03																				0.00	
					O C T	N O V	D E C	J A N	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	ALLIANT TECH (LCAAP), INDEPENDENCE, MO		5.99	20.77		1	Initial	6	4	9	13	
							Reorder	6	4	9	13	
2	GENERAL DYNAMICS ORD & TAC, ST. PETERSBERG		1.13	2.83		2	Initial	6	9	9	18	
							Reorder	6	9	9	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
CTG CAL .50 4 BALL/1 TRACER W/M9 LINK (E07200)

Date: February 2007

COST ELEMENTS					Fiscal Year 09													Fiscal Year 10													Later	
MFR	FY	SERV	PROC QTY x1Mil	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09													Calendar Year 10													
						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	CG	0.43	0.43																												0.00
2	FY 07	CG	0.14	0.14	0.06	0.02	0.01	0.01	0.01	0.01																					0.00	
1	FY 07	NS	2.54	2.54																											0.00	
2	FY 07	NS	2.64	2.64	1.10	0.22	0.22	0.22	0.22	0.22																					0.00	
Total			39.07	39.07	13.42	2.86	2.62	2.60	2.62	2.72																						
						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	ALLIANT TECH (LCAAP), INDEPENDENCE, MO		5.99	20.77		1	Initial	6	4	9	13	
							Reorder	6	4	9	13	
2	GENERAL DYNAMICS ORD & TAC, ST. PETERSBERG		1.13	2.83		2	Initial	6	9	9	18	
							Reorder	6	9	9	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
Ctg, Cal .50, Sniper, XM1022 (E96130)

Program Elements for Code B Items:

Code:
B

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1676						1676
Gross Cost				5.5						5.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				5.5						5.5
Initial Spares										
Total Proc Cost				5.5						5.5
Flyaway U/C										
Weapon System Proc U/C										

Description:

The Caliber .50 Long Range Sniper Ammunition (XM1022) is designed to provide a low-cost training cartridge with precision accuracy at ranges up to a maximum of 1000 meters. The XM1022 is similar to a ball round (does not have a jacket/core like the traditional M33 Ball round), but has a patented 2-piece design consisting of a brass rear sabot and a light alloy core. It is built for accuracy and improved barrel life. The XM1022 will have the same external measurements as the current family of Caliber .50 ammunition and will fit in the magazine used with M107 Long-Range Sniper Rifle (LRSR) or the current Barrett .50 Caliber M82A1 Sniper Rifle. This item is Code B, not approved for service use.

Justification:

This is a training standard item used in both training and combat. The FY 2007 Supplemental (\$5.0 million) procures an additional 1.624 million cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION (TC) DATE: Second Quarter, FY07

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: Ctg, Cal .50, Sniper, XM1022 (E96130)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY07 BASE APPROPRIATION											
AMMUNITION HARDWARE											
Load, Assemble, Pack (LAP)											
Sub Total AMMO Hardware											
Production Engineering											
Sub Total Production Support											
FY07 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Load, Assemble, Pack (LAP)											
Total											
Total:											

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: Ctg, Cal .50, Sniper, XM1022 (E96130)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY07 BASE APPROPRIATION FY 2007	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	Picatinny Arsenal, NJ	Mar 07	Sep 07	52	3.08	N		
FY07 MAIN SUPPLEMENTAL REQUEST FY 2007 Supp	ALLIANT TECH (LCAAP) INDEPENDENCE, MO	SS/Option	Picatinny Arsenal, NJ	Jun 07	Dec 07	1624	3.08	N		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
Ctg. Cal .50, Sniper, XM1022 (E96130)

Date:
February 2007

COST ELEMENTS

Fiscal Year 09

Fiscal Year 10

M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09														Calendar Year 10										Later																																																																																																												
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S																																																																																																													
						C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	A	E	A	P	A	U	U	U		E	P																																																																																																										
Load, Assemble, Pack (LAP)																																																																																																																																										
1	FY 07	A	52	52	274	135	139																										0																																																																																																									
1	FY 07	A	52	52																													0																																																																																																									
Total																																																																																																																																										
<table border="0" style="width:100%; text-align:center;"> <tr> <td>O</td><td>N</td><td>D</td><td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td><td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td> <td>O</td><td>N</td><td>D</td><td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td> </tr> <tr> <td>C</td><td>O</td><td>E</td><td>A</td><td>E</td><td>A</td><td>A</td><td>A</td><td>U</td><td>U</td><td>U</td><td>E</td><td>C</td><td>O</td><td>V</td><td>E</td><td>A</td><td>E</td><td>A</td><td>P</td><td>A</td><td>U</td><td>U</td><td>U</td><td>E</td> <td>C</td><td>O</td><td>V</td><td>E</td><td>A</td><td>P</td><td>A</td><td>U</td><td>U</td><td>U</td><td>E</td><td>P</td> </tr> <tr> <td>T</td><td>V</td><td>C</td><td>N</td><td>B</td><td>R</td><td>R</td><td>Y</td><td>N</td><td>L</td><td>G</td><td>P</td><td>T</td><td>V</td><td>C</td><td>N</td><td>B</td><td>R</td><td>R</td><td>Y</td><td>N</td><td>L</td><td>G</td><td>P</td> <td>T</td><td>V</td><td>C</td><td>N</td><td>B</td><td>R</td><td>R</td><td>Y</td><td>N</td><td>L</td><td>G</td><td>P</td> </tr> </table>																														O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	A	E	A	P	A	U	U	U	E	C	O	V	E	A	P	A	U	U	U	E	P	T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P
O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S																																																																																																							
C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	A	E	A	P	A	U	U	U	E	C	O	V	E	A	P	A	U	U	U	E	P																																																																																																						
T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	P	T	V	C	N	B	R	R	Y	N	L	G	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	Reorder									
1	ALLIANT TECH (LCAAP), INDEPENDENCE, MO	50	100	200		1	Initial	Reorder	3	6	6	12	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG CAL .50 SLAP M903 (SLAPT M962) (F88000)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1753						1753
Gross Cost				21.8						21.8
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				21.8						21.8
Initial Spares										
Total Proc Cost				21.8						21.8
Flyaway U/C										
Weapon System Proc U/C										

Description:

This ammunition is linked four Saboted Light Armor Penetrator (SLAP), M903 cartridge to one M962 SLAP Tracer (SLAP-T) cartridge for use in the M2 Heavy Barrel Machine Gun. The M903 SLAP cartridge consists of a low-drag, tungsten-alloy penetrator encased in a lightweight plastic sabot loaded into otherwise conventional Caliber .50 cartridge components. The projectile assembly is launched at approximately 4000 feet per second and the sabot is discarded shortly after muzzle exit. The companion M962 SLAP-Tracer cartridge is similar in configuration to the M903 except that the penetrator has a cavity containing tracer mix. The item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$10.0 million) procures an additional 847 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: MARCH 1993

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG CAL .50 SLAP M903 (SLAPT M962) (F88000)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY07 BASE APPROPRIATION											
AMMUNITION HARDWARE											
Load, Assemble, Pack (LAP)		A							10700	980	11.32
SubTotal AMMO Hardware									10700		
PRODUCTION SUPPORT COSTS											
Production Engineering									837		
Acceptance Testing									270		
Sub Total Production Support									1107		
FY07 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Load Assembly, Pack (LAP)									10000	847	11.81
Sub Total AMMO Hardware									10000		
Total:									21807		11.93

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CTG CAL .50 SLAP M903 (SLAPT M962) (F88000)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY07 BASE APPROPRIATION FY 2007	Olin East Alton, IL	SS/FP	Picatinny Arsenal, NJ	Dec 06	Jun 07	980	11.32	Y		Oct 06
FY07 MAIN SUPPLEMENTAL REQUEST FY 2007	Olin East Alton, IL	SS/Option	Picatinny Arsenal, NJ	Jun 07	Nov 07	847	11.81	Y		Mar 07

REMARKS: FY07 Supplemental hardware price increase due to Tungsten raw material price adjustment.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG CAL .50 SLAP M903 (SLAPT M962) (F88000)	Date: February 2007
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COST ELEMENTS					Fiscal Year 07															Fiscal Year 08																
MFR	FY	S E R V	PROC QTY x1000	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							

Load, Assemble, Pack (LAP)																															
MFR	FY	S E R V	PROC QTY x1000	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	Later	
1	FY 07 S	A	980	0	847										A					200	200	200	200	47						0	
1	FY 07	A	980	0	906				A					200	200	200	200	106												0	
Total														200	200	200	200	106	200	200	200	200	47								
						O C T	N O V	D E C	J A N	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				
		Initial		Reorder								
1	Olin, East Alton, IL	50	100	200		1	Initial	7	3	6	9	Capacity is shared with production of Bulk Packed CAL .50 SLAP-T (E99906.)
						1	Reorder	0	9	5	14	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG, 20MM, ALL TYPES (E08900)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				49.3						49.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				49.3						49.3
Initial Spares										
Total Proc Cost				49.3						49.3
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes 20MM ALL TYPES.

FY 2007 Base Appropriation \$ 0.1 million
 FY 2007 Title IX (Bridge) Appropriation \$ 11.1 million
 FY 2007 Main Supplemental Request \$ 38.1 million
 FY 2007 Total \$ 49.3 million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG, 20MM, ALL TYPES (E08900)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 20MM MPT-SD M940									49301	1680	29.35
Total:									49301		29.35

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 20MM MPT-SD M940 w/MK7 Link (E08909)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1680						1680
Gross Cost				49.3						49.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				49.3						49.3
Initial Spares										
Total Proc Cost				49.3						49.3
Flyaway U/C										
Weapon System Proc U/C										

Description:

The 20mm M940 Multipurpose Trace - Self Destroying (MP-T-SD) cartridge is an improved, fuzeless pyrotechnic initiated 20mm high explosive cartridge. The projectile consists of a heavy walled steel body charged with an explosive mix and an incendiary mix. The projectile has safe and arming, tracer, and self-destroying features. It is effective against light armor at 1,000 meters and against airborne and light surface targets at 2,000 meters. The projectile self destructs at 2,300 meters, minimizing collateral surface damage when engaging airborne targets. The M940 replaced the M246 High Explosive Incendiary-Tracer, Self Destroying (HEI-T-SD) as the primary air defense cartridge. It will be used for training and qualifying the Counter Rocket, Artillery and Mortar (C-RAM) System, an air defense system using a trailer-mounted Phalanx gun to defeat incoming rocket, mortar and artillery rounds in fight. This item is Code A; approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$38.1 million) procures 1.323 million cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

Type Classification Date: 1989

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG 20MM MPT-SD M940 w/MK7 Link (E08909)			Weapon System Type:	Date: February 2007				
AMMO Cost Elements	ID	FY 05			FY 06			FY 07		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation										
PRODUCTION SUPPORT COSTS										
PRODUCTION ENGINEERING										
101										
PROD SUPPORT SUBTOTAL										
101										
FY 2007 Title IX (Bridge) Appropriation										
AMMUNITION HARDWARE										
COMPLETE ROUND										
10273 357 28.80										
H/W SUBTOTAL										
10273										
SUB TOTAL AMMO HARDWARE										
48373										
PRODUCTION SUPPORT COSTS										
PRODUCTION ENGINEERING										
794										
QUALITY ASSURANCE										
33										
PROD SUPPORT SUBTOTAL										
827										
FY 2007 Main Supplemental Request										
COMPLETE ROUND										
38100 1323 28.80										
H/W SUBTOTAL										
38100										
Total:										
49301 29.35										

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: CTG 20MM MPT-SD M940 w/MK7 Link (E08909)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 Title IX (Bridge) Appropriation										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (TCAAP) PLYMOUTH, MN	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	143	28.80	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	214	28.80	Y		
FY 2007 Main Supplemental Request										
COMPLETE ROUND										
FY 2007	ALLIANT TECH (TCAAP) PLYMOUTH, MN	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	529	28.80	Y		
FY 2007	GENERAL DYNAMICS ST PETERSBURG, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	794	28.80	Y		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
CTG 20MM MPT-SD M940 w/MK7 Link (E08909)

Date:
February 2007

COST ELEMENTS

Fiscal Year 07

Fiscal Year 08

M F R	FY	S E R V	PROC QTY x1Mil	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07														Calendar Year 08										Later										
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S											
						C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	A	E	A	A	A	U	U	U		E	E	P							
COMPLETE ROUND																																								
1	FY 07 S	A	0.79	0.00	0.79																													0.08	0.08	0.08	0.08	0.47		
2	FY 07 S	A	0.53	0.00	0.53																														0.08	0.08	0.08	0.08	0.21	
1	FY 07 IX	A	0.14	0.00	0.14																														0.08	0.06			0.00	
2	FY 07 IX	A	0.21	0.00	0.21																														0.08	0.08	0.05		0.00	
Total			1.67		1.67																															0.32	0.30	0.21	0.16	0.68
						O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S											
						C	O	E	A	E	A	A	A	U	U	U	E	C	O	V	E	A	E	A	A	A	U	U	U	E	E	P								
						T	V	C	N	B	R	P	Y	N	L	G	P	T	V	C	N	B	R	P	Y	N	L	G	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	6	6	12	18	
1	GENERAL DYNAMICS, ST PETERSBURG, FL		0.08	0.21		Reorder	0	9	12	21	
2	ALLIANT TECH (TCAAP), PLYMOUTH, MN		0.06	0.18		Initial	6	6	12	18	
						Reorder	0	9	12	21	
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG 20MM MPT-SD M940 w/MK7 Link (E08909)	Date: February 2007
--	---	------------------------

COST ELEMENTS						Fiscal Year 09												Fiscal Year 10												Later
M F R	FY	S E R V	PROC QTY x1Mil	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	

COMPLETE ROUND																															
1	FY 07 S	A	0.79	0.32	0.47	0.08	0.08	0.08	0.08	0.08	0.07																				0.00
2	FY 07 S	A	0.53	0.32	0.21	0.08	0.08	0.05																							0.00
1	FY 07 IX	A	0.14	0.14																											0.00
2	FY 07 IX	A	0.21	0.21																											0.00
Total			1.67	0.99	0.68	0.16	0.16	0.13	0.08	0.08	0.07																				
						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		

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	GENERAL DYNAMICS, ST PETERSBURG, FL		0.08	0.21		1	Initial	6	6	12	18		
							Reorder	0	9	12	21		
2	ALLIANT TECH (TCAAP), PLYMOUTH, MN		0.06	0.18		2	Initial	6	6	12	18		
							Reorder	0	9	12	21		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG, 25MM, ALL TYPES (E08200)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				47.0						47.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				47.0						47.0
Initial Spares										
Total Proc Cost				47.0						47.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes 25MM ALL TYPES.

FY 2007 Base Appropriation \$ 32.0 million
 FY 2007 Title IX (Bridge) Appropriation \$ 0.0 million
 FY 2007 Main Supplemental Request \$ 15.0 million
 FY 2007 Total \$ 47.0 million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG, 25MM, ALL TYPES (E08200)			Weapon System Type:	Date: February 2007					
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 25MM TP-T M793									16364	1039	15.75
CTG 25MM TPDS-T M910									14999	739	20.30
CTG 25MM HEI-T M792									14597	290	0.05
CTG 25MM M794 DUMMY									1000	25	0.04
Total:									46960		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 25MM HEI-T M792 (E08201)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				290						290
Gross Cost				14.6						14.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				14.6						14.6
Initial Spares										
Total Proc Cost				14.6						14.6
Flyaway U/C										
Weapon System Proc U/C										

Description:

The 25mm M792 is a High Explosive Incendiary (HEI-T) cartridge, fired from the M242 Bushmaster automatic cannon mounted on the Army's M2/M3-series of Bradley Fighting Vehicles (BFV) and the USMC LAV-25. The M792 provides lethality against structures and vehicles. The defeat mechanism of the M792 is an explosively loaded, naturally fragmenting warhead with incendiary charge. This item is Code A, approved for service use.

Justification:

This is a war reserve item. Procurement builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$14.0 million) procures an additional 290 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements.

TYPE CLASSIFICATION DATE: 1980

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 25MM HEI-T M792 (E08201)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
PRODUCTION SUPPORT COSTS											
Production Engineering											
597											
SubTotal Production Support											
597											
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Load, Assemble, & Pack											
13242											
PA 125 Containers											
454											
Pallets											
191											
SubTotal AMMO Hardware											
13887											
PRODUCTION SUPPORT COSTS											
Production Engineering											
113											
SubTotal Production Support											
113											
Total:											
14597											
53.78											

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CTG 25MM HEI-T M792 (E08201)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
FY 2007 MAIN SUPPLEMENTAL REQUEST AMMUNITION HARDWARE Load, Assemble, & Pack FY 2007											
	ALLIANT TECHSYSTEMS INC MESA, AZ	C/OPTION	Picatinny Arsenal, NJ	Jun 07	Apr 08	290	49.16	Y			
PA 125 Containers FY 2007											
	CONCO INC LOUISVILLE, KY	C/OPTION	Rock Island Arsenal, IL	Jun 07	Mar 08	10	45.89	Y			
Pallets FY 2007											
	CHOCTAW MFG HUGO, OK	SS/FP	Picatinny Arsenal, NJ	Jun 07	Mar 08		824.00	Y			

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE													P-1 ITEM NOMENCLATURE CTG 25MM HEI-T M792 (E08201)								Date: February 2007								
COST ELEMENTS						Fiscal Year 09											Fiscal Year 10												
MFR	FY	SERV	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09											Calendar Year 10											Later	
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL		AUG
Load, Assemble, & Pack																													
1	FY 07 S	A	290	144	146	24	24	24	24	24	26																	0	
Total						290	144	146	24	24	24	24	24	26															
						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	ALLIANT TECHSYSTEMS INC, MESA, AZ	80	240	720		1	Initial	0	0	0	0																		
							Reorder	0	9	10	19																		
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 25MM DUMMY M794 (E08209)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				25						25
Gross Cost				1.0						1.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				1.0						1.0
Initial Spares										
Total Proc Cost				1.0						1.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M794 Cartridge is a training aide for the Bushmaster Gun on the Bradley Fighting Vehicle. It is identical in external size and shape and similar in mass to the M793 TP-T and the M792 HEI-T cartridges. Unlike the ammunition which it simulates, it is fully inert and can not be fired from the Bushmaster Gun. The last procurement of M794 is unknown, but is estimated to have occurred in the early 1990s. The FY 2007 effort will initiate the solicitation, selection and qualification of an industrial source for this reprocurement. A deliverable quantity of approximately 25,000 rounds is estimated. This procurement will replenish the Army inventory.

Justification:

This is a training unique item not used in combat. The FY 2007 Supplemental (\$1.0 million) procures an additional 25 thousand cartridges in support of unforecast requirements for the Global War on Terrorism (GWOT). This requirement supports predeployment training for units preparing for combat operations.

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 25MM DUMMY M794 (E08209)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
AMMUNITION HARDWARE											
Load, Assemble, and Pack											
PA 125 Containers											
SubTotal AMMO Hardware											
Production Support Costs											
Production Engineering											
SubTotal Prod. Support											
COST - Nonrecurring											
First Article Testing											
SubTotal COST - Nonrecurring											
Total:											
									900	25	36
									45	1	
									945		
									5		
									5		
									50		
									50		
									1000		40

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CTG 25MM DUMMY M794 (E08209)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Load, Assemble, and Pack FY 2007	TBD	C/FP	Rock Island, IL	Jul 07	Oct 08	25	36	Y		
PA 125 Containers FY 2007	CONCO INC Louisville, KY	C/Option	Rock Island, IL	Jul 07	Oct 08	1		Y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
CTG 25MM DUMMY M794 (E08209)

Date: February 2007

COST ELEMENTS					Fiscal Year 09													Fiscal Year 10																
MFR	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09													Calendar Year 10													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					
Load, Assemble, and Pack																																		
1	FY 07 S	A	25	0	25	25																												0
Total						25	25	25																										
						O C T	N O V	D E C	J A N	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 1	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
1	TBD	10	25	40		1	3	10	15	25	
							3	5	9	14	

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG, 30MM, ALL TYPES (ER8120)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				59.4						59.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				59.4						59.4
Initial Spares										
Total Proc Cost				59.4						59.4
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes 30MM ALL TYPES.

FY 2007 Base Appropriation- \$ 19.4 million
 FY 2007 Title IX (Bridge)Appropriation- \$ 0.0 million
 FY 2007 Main Supplemental Request- \$ 40.0 million
 FY 2007 Total- \$ 59.4 million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG, 30MM, ALL TYPES (ER8120)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 30MM TP M788									18322	1011	18.12
CTG 30MM HEDP M789									41031	575	71.35
Total:									59353		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 30MM HEDP M789 (E09900)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				575						575
Gross Cost				41.0						41.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				41.0						41.0
Initial Spares										
Total Proc Cost				41.0						41.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M789 Lightweight 30mm High Explosive-Dual Purpose Cartridge is the only qualified combat cartridge for use in the Apache Helicopter's M230 Chain Gun. The M789 Cartridge consists of a charged projectile containing a shaped charge liner, a M759 point-detonating fuze, aluminum cartridge case, and a PA520 electric primer. The shaped charge allows the M789 to defeat light armor, and the steel projectile body provides an anti-personnel capability. M789 Cartridges are packed in bulk ammunition strips (BAS), 110 cartridges per M592 Container. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$40.0 million) procures 575 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1962

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 30MM HEDP M789 (E09900)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING											
PROD SUPPORT SUBTOTAL											
FY 2007 MAIN SUPPLEMENTAL REQUEST											
LAP, ASSEMBLE, PACK (LAP)											
* PBXN 5 TYPE II CLASS 3 (LB)											
* PBXN-5 TYPE I CLASS 3 (LB)											
RDX TYPE II CLASS 7 (LB)											
H/W SUBTOTAL											
NON-RECURRING COSTS											
GOVERNMENT FURNISHED MATERIAL											
NON-RECURRING SUBTOTAL											
Total:											

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 x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition										
		Weapon System Type:	P-1 Line Item Nomenclature: CTG 30MM HEDP M789 (E09900)							
FY 2007 MAIN SUPPLEMENTAL REQUEST LAP, ASSEMBLE, PACK (LAP) FY 2007	ALLIANT TECH SYS, INC. PLYMOUTH, MN	C/OPTION	ROCK ISLAND, IL	Jun 07	Jun 08	575	69.60			
* PBXN 5 TYPE II CLASS 3 (LB) FY 2007	STOCK ISSUE	N/A		N/A	N/A					
* PBXN-5 TYPE I CLASS 3 (LB) FY 2007	STOCK ISSUE	N/A		N/A	N/A					
RDX TYPE II CLASS 7 (LB) FY 2007	HOLSTON DEFENSE CORP (HSAAP) KINGSPORT, TN	SS/FP	ROCK ISLAND, IL	Jun 07	Feb 08		10.95			

REMARKS: * GOVERNMENT FURNISHED MATERIAL

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG 30MM HEDP M789 (E09900)	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 x1Mil	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					

LAP, ASSEMBLE, PACK (LAP)																																	
1	FY 07 S	A	0.57	0.32	0.25	0.08	0.08	0.09																									0.00
						O C T	N O V	D E C	J A N	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			0.57	0.32	0.25	0.08	0.08	0.09																									

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	ALLIANT TECH SYS, INC., PLYMOUTH, MN	50.00	240.00	720.00		1	Initial	6	12	12	24	
							Reorder	0	9	12	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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG, 40MM, ALL TYPES (ER8001)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				294.1						294.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				294.1						294.1
Initial Spares										
Total Proc Cost				294.1						294.1
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes 40MM ALL TYPES.

FY 2007 Base Appropriation \$ 128.9 million
 FY 2007 Title IX (Bridge) Appropriation \$ 0.0 million
 FY 2007 Main Supplemental Request \$ 165.2 million
 FY 2007 Total \$ 294.1 million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CTG, 40MM, ALL TYPES (ER8001)			Weapon System Type:	Date: February 2007					
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 40MM HEDP M430 F/MK19 MG									56232	1496	37.59
CTG 40MM WHITE STAR PARA M583									15895	350	45.41
CTG 40MM PRACTICE M385A1									7132	445	16.02
CTG 40MM TP M918 LINKED F/MK 19MG									134515	4355	30.88
CTG 40MM PRACTICE M781									12815	2922	4.39
CTG 40MM HEDP M433									10000	174	57.47
CTG 40MM MK281 PRACTICE LINKED FOR MK19									40000	1620	24.69
CTG 40MM INFRARED ILLUM M992									2500	16	156.25
CTG 40MM CANNISTER M1001									10000	125	80.00
CTG 40MM TP M918 MIXED BELT F/MK19 MG									5000	207	24.15
Total:									294089		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 40MM HEDP M430 F/MK19 MG (E11800)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1496						1496
Gross Cost				56.2						56.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				56.2						56.2
Initial Spares										
Total Proc Cost				56.2						56.2
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M430A1 is a High-Explosive Dual-Purpose cartridge (HEDP), and is fired from a MK19 Machine Gun at a max range of 2200 meters and is linked into a 32- or 48-round belt. The cartridge is a fixed round of ammunition with an internally embossed steel projectile body containing a high explosive (Comp A5) and copper, shaped-charged liner. The Point Initiating, Base Detonating (PIBD) M549A1 fuze with spitback, secondary charge, is threaded into the body to form the projectile. It is capable of penetrating three inches of steel armor and inflicting personnel casualties in the target area. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$50.00 million) procures an additional 1.363 million cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1971

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 40MM HEDP M430 F/MK19 MG (E11800)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
COMPLETE ROUND											
									4881	133	36.69
H/W SUBTOTAL									4881		
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING											
									596		
QUALITY ASSURANCE											
									5		
PROD SUPPORT SUBTOTAL									601		
NON-RECURRING COSTS											
ENGINEERING INITIATIVES/IMPROVEMENTS											
									750		
NON-RECURRING SUBTOTAL									750		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
COMPLETE ROUND											
									50000	1363	36.69
H/W SUBTOTAL									50000		
Total:									56232		37.59

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 x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition										
		Weapon System Type:	P-1 Line Item Nomenclature: CTG 40MM HEDP M430 F/MK19 MG (E11800)							
FY 2007 BASE APPROPRIATION COMPLETE ROUND										
FY 2007	AMTEC Corp Janesville, WI	C/OPTION	ROCK ISLAND, IL	Mar 07	Jul 08	73	36.69	Y		
FY 2007	DSE Inc, (Balimoy) Tampa, FL	C/OPTION	ROCK ISLAND, IL	Mar 07	Jul 08	60	36.69	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST COMPLETE ROUND										
FY 2007	AMTEC Corp Janesville, WI	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	750	36.69	Y		
FY 2007	DSE Inc, (Balimoy) Tampa, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	613	36.69	Y		

REMARKS: NOTE: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE															P-1 ITEM NOMENCLATURE CTG 40MM HEDP M430 F/MK19 MG (E11800)										Date: February 2007				
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	------------------------	--	--	--	--

COST ELEMENTS						Fiscal Year 07															Fiscal Year 08										Later
M F R	FY	S E R V	PROC QTY x1Mil	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		

COMPLETE ROUND																																								
1	FY 07 S	A	0.75	0.00	0.75																															0.75				
2	FY 07 S	A	0.61	0.00	0.61																															0.61				
1	FY 07	A	0.07	0.00	0.07							A																								0.03	0.04	0.00		
2	FY 07	A	0.06	0.00	0.06							A																								0.03	0.05	0.00		
1	FY 07	MC	0.41	0.00	0.41							A																									0.20	0.21	0.00	
2	FY 07	MC	0.33	0.00	0.33							A																									0.20	0.13	0.00	
2	FY 07	SOF	0.02	0.00	0.02							A																									0.02		0.00	
1	FY 07	SOF	0.02	0.00	0.02							A																									0.02		0.00	
Total			2.27		2.27																																0.10	0.40	0.41	1.36
						O C T	N O V	D E C	J A N	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	3			4	5	6	7		8
1	AMTEC Corp, Janesville, WI	269.00	320.00	500.00		1	Initial	6	6	19	25	
							Reorder	0	9	17	26	
2	DSE Inc, (Balimoy), Tampa, FL	269.00	320.00	500.00		2	Initial	6	6	19	25	
							Reorder	0	9	17	26	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG 40MM HEDP M430 F/MK19 MG (E11800)	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 x1Mil	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					

COMPLETE ROUND																																
1	FY 07 S	A	0.75	0.00	0.75		0.38	0.37																								0.00
2	FY 07 S	A	0.61	0.00	0.61		0.31	0.30																								0.00
1	FY 07	A	0.07	0.07																												0.00
2	FY 07	A	0.06	0.06																												0.00
1	FY 07	MC	0.41	0.41																												0.00
2	FY 07	MC	0.33	0.33																												0.00
2	FY 07	SOF	0.02	0.02																												0.00
1	FY 07	SOF	0.02	0.02																												0.00
Total			2.27	0.91	1.36		0.69	0.67																								
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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	AMTEC Corp, Janesville, WI	269.00	320.00	500.00		1	Initial	6	6	19	25		
							Reorder	0	9	17	26		
2	DSE Inc, (Balimoy), Tampa, FL	269.00	320.00	500.00		2	Initial	6	6	19	25		
							Reorder	0	9	17	26		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 40MM PRACTICE M385A1 (E12502)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				445						445
Gross Cost				7.1						7.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				7.1						7.1
Initial Spares										
Total Proc Cost				7.1						7.1
Flyaway U/C										
Weapon System Proc U/C										

Description:

The 40mm M385A1 Cartridge is a fixed round of ammunition consisting of a 1-piece solid aluminum projectile body with copper rotating band used in the MK19 Grenade Machine Gun weapon system. The cartridge case is a bi-chambered aluminum cylinder with vents connecting the chambers. The propellant chamber is sealed with a base plug. A percussion primer (FED 215) is crimped into the center of the base plug. This item is Code A, approved for service use.

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$5.0 million) procures an additional 322 thousand cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1987

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 40MM PRACTICE M385A1 (E12502)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
AMMUNITION HARDWARE											
LOAD, ASSEMBLE, PACK (LAP)											
PROJ M385											
SUB TOTAL AMMO HARDWARE											
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING											
QUALITY ASSURANCE											
SUB TOTAL PRODUCTION SUPPORT											
NON-RECURRING COSTS											
ENGINEERING INITIATIVES/IMPROVEMENTS											
SUB TOTAL NON-RECURRING											
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
LOAD, ASSEMBLE, PACK (LAP)											
PROJ M385											
SUB TOTAL AMMO HARDWARE											
Total:											
									7132		16.02

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: CTG 40MM PRACTICE M385A1 (E12502)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 BASE APPROPRIATION LOAD, ASSEMBLE, PACK (LAP) FY 2007	AMTEC Corp. Janesville, WI	C/OPTION	ROCK ISLAND, IL	Mar 07	Jan 09	123	10.66	Y		
PROJ M385 FY 2007	AVASAR Corp Perry, FL	C/OPTION	ROCK ISLAND, IL	Mar 07	Mar 08	127	4.70	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST LOAD, ASSEMBLE, PACK (LAP) FY 2007	AMTEC Corp. Janesville, WI	C/OPTION	ROCK ISLAND, IL	Jun 07	Apr 09	322	10.66	Y		
PROJ M385 FY 2007	AVASAR Corp Perry, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Feb 09	333	4.70	Y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG 40MM PRACTICE M385A1 (E12502)	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 x1000	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			

LOAD, ASSEMBLE, PACK (LAP)																																			
1	FY 07 S	A	322	0	322																														0
1	FY 07	A	123	0	123																														0
1	FY 07	AF	128	0	128																														0
Total			573		573																														
						O C T	N O V	D E C	J A N	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	AMTEC Corp., Janesville, WI	140	270	540		1	Initial	6	7	20	27	
							Reorder	0	9	22	31	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 40MM HEDP M433 (E12601)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				174						174
Gross Cost				10.0						10.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.0						10.0
Initial Spares										
Total Proc Cost				10.0						10.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The 40mm M433 cartridge is a dual-purpose, impact type round designed to penetrate lightly armored targets and perform an anti-personnel mission. Upon impact, the detonator triggers the spit-back shaped charge and produces a jet blast that detonates the high explosive bursting charge. Detonation of the bursting charge forms an armor-piercing jet of molten metal and fragmentation of the projectile body. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$10.0 million) procures 174 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1971

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 40MM HEDP M433 (E12601)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
COMPLETE ROUND											
									8097	174	46.42
SUB TOTAL AMMO HARDWARE									8097		
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING											
									387		
QUALITY INSURANCE											
									16		
SUB TOTAL PRODUCTION SUPPORT									403		
NON-RECURRING COSTS											
PRODUCT IMPROVEMENT											
									1500		
NON-RECURRING SUBTOTAL									1500		
Total:									10000		57.47

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CTG 40MM HEDP M433 (E12601)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 MAIN SUPPLEMENTAL REQUEST										
COMPLETE ROUND										
FY 2007	AMTEC CORP JANESVILLE, WI	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	96	46.42	Y		
FY 2007	DSE INC, (BALIMOY) TAMPA, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	78	46.42	Y		

REMARKS: This is an average unit cost for multiple producers.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 40MM TP M918 LINKED F/MK19 MG (E71100)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				4355						4355
Gross Cost				134.5						134.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				134.5						134.5
Initial Spares										
Total Proc Cost				134.5						134.5
Flyaway U/C										
Weapon System Proc U/C										

Description:

The 40mm M918 Target Practice (TP) cartridge for the MK19 Machine Gun is a high velocity training projectile with realistic signature effects providing sufficient flash, smoke, and sound upon impact to be seen/heard out to 1200 meters. In addition to providing audible/visual signature for day or night firing, the TP for MK19 gun will minimize hazards to troops in the training area. This item is Code A, approved for service use.

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$42.7 million) procures an additional 1.431 million cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1985

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 40MM TP M918 LINKED F/MK19 MG (E71100)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
AMMUNITION HARDWARE											
LOAD, ASSEMBLE, PACK											
									36154	2924	12.36
PROJ ASSY											
									51082	3012	16.96
H/W SUBTOTAL											
									87236		
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING											
									2965		
QUALITY ASSURANCE											
									13		
PROD SUPPORT SUBTOTAL											
									2978		
NON-RECURRING COSTS											
ENGINEERING INITIATIVES/IMPROVEMENTS											
									1601		
NON-RECURRING SUBTOTAL											
									1601		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
LOAD, ASSEMBLY, PACK (LAP)											
									17697	1431	0.01
PROJ ASSY											
									25003	1474	0.02
SUB TOTAL AMMO HARDWARE											
									42700		
Total:											
									134515		29.84

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: CTG 40MM TP M918 LINKED F/MK19 MG (E71100)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 BASE APPROPRIATION										
LOAD, ASSEMBLE, PACK										
FY 2007	AMTEC CORP JANESVILLE, WI	C/OPTION	ROCK ISLAND, IL	Mar 07	Sep 07	1618	12.36	Y		
FY 2007	DSE Inc, (Balimoy) Tampa, FL	C/OPTION	ROCK ISLAND, IL	Mar 07	Sep 07	1306	12.36	Y		
PROJ ASSY										
FY 2007	AMTEC CORP JANESVILLE, WI	C/OPTION	ROCK ISLAND, IL	Mar 07	Jul 07	1656	16.96	Y		
FY 2007	DSE Inc, (Balimoy) Tampa, FL	C/OPTION	ROCK ISLAND, IL	Mar 07	Jul 07	1355	16.96	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
LOAD, ASSEMBLY, PACK (LAP)										
FY 2007	AMTEC CORP JANESVILLE, WI	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	787	12.36	Y		
FY 2007	DSE Inc, (Balimoy) Tampa, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Nov 08	644	12.36	Y		
PROJ ASSY										
FY 2007	AMTEC CORP JANESVILLE, WI	C/OPTION	ROCK ISLAND, IL	Jun 07	Sep 08	811	16.96	Y		
FY 2007	DSE Inc, (Balimoy) Tampa, FL	C/OPTION	ROCK ISLAND, IL	Jun 07	Sep 08	663	16.96	Y		

REMARKS: NOTE: THIS IS AN AVERAGE UNIT COST FOR MULTIPLE PRODUCERS.

FY 06 / 07 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG 40MM TP M918 LINKED F/MK19 MG (E71100)	Date: February 2007
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COST ELEMENTS						Fiscal Year 06														Fiscal Year 07														Later
M F R	FY	S E R V	PROC QTY x1Mil	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					

LOAD, ASSEMBLE, PACK																																						
LOAD, ASSEMBLE, PACK																																						
2	FY 07 S	A	0.64	0.00	0.64																												A				0.64	
1	FY 07 S	A	0.79	0.00	0.79																												A				0.79	
1	FY 07	A	1.62	0.00	1.62																														A		0.13	1.49
2	FY 07	A	1.31	0.00	1.31																														A		0.11	1.20
1	FY 07	AF	0.04	0.04																																		0.00
2	FY 07	AF	0.03	0.03																																		0.00
2	FY 07	SOF	0.04	0.04																																	0.00	
1	FY 07	SOF	0.04	0.04																																	0.00	
Total			4.51	0.15	4.36																														0.24	4.12		
						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									

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	AMTEC CORP, JANESVILLE, WI	269.00	320.00	500.00		1	Initial	6	6	19	25		
							Reorder	0	9	17	26		
2	DSE Inc, (Balimoy), Tampa, FL	269.00	320.00	500.00		2	Initial	6	6	19	25		
							Reorder	0	9	17	26		
							Initial						
							Reorder						
							Initial						
							Reorder						
							Initial						
							Reorder						

FY 08 / 09 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
CTG 40MM TP M918 LINKED F/MK19 MG (E71100)

Date:
February 2007

COST ELEMENTS						Fiscal Year 08													Fiscal Year 09													Later				
MFR	FY	SERV	PROC QTY x1Mil	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 08													Calendar Year 09																	
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP							
LOAD, ASSEMBLE, PACK																																				
	2	FY 07 S	A	0.64	0.00	0.64														0.11	0.11	0.11	0.11	0.11	0.09								0.00			
	1	FY 07 S	A	0.79	0.00	0.79														0.13	0.13	0.13	0.13	0.13	0.13	0.01								0.00		
	1	FY 07	A	1.62	0.13	1.49	0.13	0.13	0.13	0.13	0.13	0.13	0.14	0.14	0.15	0.15																			0.00	
	2	FY 07	A	1.31	0.11	1.20	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.10																			0.00	
	1	FY 07	AF	0.04	0.04																														0.00	
	2	FY 07	AF	0.03	0.03																														0.00	
	2	FY 07	SOF	0.04	0.04																														0.00	
	1	FY 07	SOF	0.04	0.04																														0.00	

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	AMTEC CORP, JANESVILLE, WI	269.00	320.00	500.00		1	Initial	6	6	19	25	
							Reorder	0	9	17	26	
2	DSE Inc, (Balimoy), Tampa, FL	269.00	320.00	500.00		2	Initial	6	6	19	25	
							Reorder	0	9	17	26	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1620						1620
Gross Cost				40.0						40.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				40.0						40.0
Initial Spares										
Total Proc Cost				40.0						40.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The MK281 40mm Target Practice Cartridge is a non-dud producing training cartridge for use with the MK19 Grenade Machine Gun weapon system. The projectile consists of a steel body containing a finely-granulated, high-visibility, yellow-orange powder dye to provide an indication of impact for training purposes. These cartridges are linked together in 32 round belts. This is a new start for the Army; USMC is the configuration manager. This item is Code A, approved for service use.

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$40.0 million) procures 1.620 million cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 2004

AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Round											
SubTotal AMMO Hardware									38874	1620	24.00
									38874		
PRODUCTION SUPPORT COSTS											
Production Engineering											
SubTotal Production Support									726		
									726		
NON-RECURRING COST											
Engineering Initiatives / Improvements											
SubTotal Non-Recurring Costs									400		
									400		
Total:									40000		24.69

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 MAIN SUPPLEMENTAL REQUEST Complete Round FY 2007	NICO PYROTECHNIK TRITTAU, GERMANY	SS/FP	QUANTICO, VA	Jun 07	Dec 07	1620	24.00	Y		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)	Date: February 2007
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COST ELEMENTS						Fiscal Year 07											Fiscal Year 08											
M F R	FY	S E R V	PROC QTY x1000	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	

Complete Round																														
1	FY 07 S	A	1620	5	1620																							270		
Total																														
			1620	5	1620	O C T	N O V	D E C	J A N	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	270

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	NICO PYROTECHNIK, TRITTAU, GERMANY	75	135	200		1	Initial	3	6	6	12	
							Reorder	3	9	6	15	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG, 40MM, MK281 PRACTICE, LINKED FOR MK19 GMG (E71103)	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 x1000	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							
Complete Round																																				
1	FY 07 S	A	1620	1355	270	135	135																													0
Total						1620	1355	270	135	135																										
						O C T	N O V	D E C	J A N	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	NICO PYROTECHNIK, TRITTAU, GERMANY	75	135	200		1	Initial	3	6	6	12	
							Reorder	3	9	6	15	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 40MM INFRARED ILLUM, M992 (E84500)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				16						16
Gross Cost				2.5						2.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				2.5						2.5
Initial Spares										
Total Proc Cost				2.5						2.5
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M992 Cartridge is a 40mm Infrared Illuminating cartridge fired from the M203 Grenade Launcher. It is a fixed round of ammunition consisting of a projectile assembly and cartridge case assembly. The projectile has a one-piece, hollow aluminum body which contains a pyrotechnic flare candle and an integrated ignition/ejection charge attached to a 20 inch diameter parachute. The projectile has a 4-5 second ignition delay element. This cartridge is used to support night operations when night vision equipment is available. This is a new start for the Army. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$2.5 million) procures 16 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1996

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E84500)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Round											
SubTotal AMMO Hardware											
PRODUCTION SUPPORT COSTS											
Production Engineering											
SubTotal Production Support											
Total:											
									2390	16	151.16
									2390		
									110		
									110		
									2500		156.25

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:		P-1 Line Item Nomenclature: CTG 40MM INFRARED ILLUM, M992 (E84500)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 MAIN SUPPLEMENTAL REQUEST AMMUNITION HARDWARE Complete Round FY 2007	ATK THIOKOL CORRINE, UT	SS/FP	PICATINNY ARSENAL, NJ	Jun 07	Dec 07	16	151.16	Y		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
AMMO 40MM CANISTER M1001 (F00900)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				125						125
Gross Cost				10.0						10.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.0						10.0
Initial Spares										
Total Proc Cost				10.0						10.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The 40mm M1001 Canister round is fired from the MK19 Mod 3 Grenade Machine Gun (GMG). It has been designed to provide effective anti-personnel capability at ranges less than 100m to counter the threat of ground forces that would disrupt rear area operations, destroy command and control facilities, operations, airfields, and special weapons and storage sites. The projectile uses ball powder as an expulsion charge that expels 113 heat-treated steel flechettes to the target. This item is Code A, approved for service use.

Justification:

This is a war reserve item. Procurement builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$10.0 million) procures an additional 125 thousand cartridges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war fight requirements.

Type Classification Date: March 2001

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition		P-1 Line Item Nomenclature: AMMO 40MM CANISTER M1001 (F00900)			Weapon System Type:		Date: February 2007		
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Round		A							9513	125	76.10
SubTotal AMMO Hardware									9513		
PRODUCTION SUPPORT COSTS											
Production Engineering									487		
SubTotal Production Support									487		
Total:									10000		80.00

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:		P-1 Line Item Nomenclature: AMMO 40MM CANISTER M1001 (F00900)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 MAIN SUPPLEMENTAL REQUEST AMMUNITION HARDWARE Complete Round FY 2007 Supp	General Dynamics OTS MARION, IL	SS/FP	PICATINNY ARSENAL, NJ	Jun 07	Mar 08	125	76.10	Y		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE AMMO 40MM CANISTER M1001 (F00900)	Date: February 2007
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COST ELEMENTS					Fiscal Year 07													Fiscal Year 08												Later	
MFR	FY	S E R V	PROC QTY x1000	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		

Complete Round																																		
1	FY 07 S	A	125	0	125																						20	20	20	20	20	25	0	
Total			125		125																							20	20	20	20	20	25	
						O C T	N O V	D E C	J A N	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 1	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, MARION, IL	7			20	30		Initial	
						Reorder	0	9	9	18	
						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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
Ctg, Tank, 120mm Tactical, All Types (E78012)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				61.6						61.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				61.6						61.6
Initial Spares										
Total Proc Cost				61.6						61.6
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line item includes CARTRIDGE, TANK, 120MM TACTICAL, ALL TYPES.

FY 2007 Base Appropriation - \$ 53.6 million
 FY 2007 Title IX (Bridge) Appropriation - \$ 0.0 million
 FY 2007 Main Supplemental Request - \$ 8.0 million
 FY 2007 Total - \$ 61.6 million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: Ctg, Tank, 120mm Tactical, All Types (E78012)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
Cartridge, 120mm APFSDS-T M829A3									46955	8	6153.00
Cartridge, 120mm Canister, M1028									14683	5	1772.00
Total:									61638		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
Cartridge, 120mm, Canister, M1028 (E78011)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				9						9
Gross Cost				14.7						14.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				14.7						14.7
Initial Spares										
Total Proc Cost				14.7						14.7
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M1028 Canister is a muzzle action anti-personnel tank cartridge. This cartridge is fired from the 120mm main gun of the M1A1/M1A2 Abrams tank and is effective at ranges less than 700 meters. The baseline design utilizes a payload of approximately 1100 tungsten balls that are expelled from the projectile casing upon muzzle exit, similar to a shotgun shell. Unlike previous anti-personnel cartridges, the M1028 does not have a fuze; it is intended to be a low-cost, low-technology cartridge. The M1028 uses a combustible cartridge case and propulsion-ignition system common to the current 120mm tank ammunition. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. FY 2007 supports engineering efforts in support of production. The FY 2007 supplemental (\$8.0 million) procures five thousand cartridges in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION: December 2004

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: Cartridge, 120mm, Canister, M1028 (E78011)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
AMMUNITION HARDWARE											
Complete Round											
									5850	4	1560
SubTotal Production Support									5850		
PRODUCTION SUPPORT COSTS											
Production Engineering											
									833		
SubTotal Production Support									833		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Round											
									7800	5	1560
SubTotal AMMO Hardware									7800		
PRODUCTION SUPPORT COSTS											
Acceptance Testing											
									200		
SubTotal Production Support									200		
Total:									14683		1772

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: Cartridge, 120mm, Canister, M1028 (E78011)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 BASE APPROPRIATION FY 2007	General Dynamics Ord & Tac St Petersburg, FL	C/OPTION	Picatinny Arsenal, NJ	Dec 06	Dec 07	4	1560	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST FY 2007	General Dynamics Ord & Tac St Petersburg, FL	C/OPTION	Picatinny Arsenal, NJ	Jun 07	Jun 08	5	1560	Y		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE															P-1 ITEM NOMENCLATURE Cartridge, 120mm, Canister, M1028 (E78011)										Date: February 2007			
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	---------------------	--	--	--

COST ELEMENTS					Fiscal Year 07															Fiscal Year 08															Later	
M F R	FY	S E R V	PROC QTY x1000	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							

Complete Round																																				
1	FY 07 S	A	5	0	5																							5					0			
1	FY 07	A	4	0	4				A																							4			0	
1	FY 07	MC	2	0	2																												2			0
Total			11		11																											4			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	General Dynamics Ord & Tac, St Petersburg, FL	1	2	7		1	Initial	3	15	6	21	
							Reorder	3	9	12	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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
Modular Artillery Charge System (MACS), All Types (E27501)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				93.6						93.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				93.6						93.6
Initial Spares										
Total Proc Cost				93.6						93.6
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line item funds MACS, All Types.

Justification:

FY07 Base Appropriation - \$73,588
 FY07 Bridge (Title IX) Appropriation - \$ 0
 FY07 Main Supplemental Request - \$20,000
 FY07 Total - \$93,588

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: Modular Artillery Charge System (MACS), All Types (E27501)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
E27502 MACS M231									36154	405	
ER8021 MACS M232									57434	480	
Total:									93588		120

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				482						482
Gross Cost				57.4						57.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				57.4						57.4
Initial Spares										
Total Proc Cost				57.4						57.4
Flyaway U/C										
Weapon System Proc U/C										

Description:

The Modular Artillery Charge System (MACS), M232 "High Zone" is intended for use with all US 155mm cannon field artillery systems. The M232 "high zone" increment is designed to achieve ranges from 10-40+ kilometers. Each MACS increment includes propellant, an ignition system, and a combustible case. Performance enhancing additives are included in the M232 "high zone" increment. Packaging permits long-term storage and helps protect the items from unplanned stimuli. This item is type classified Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$20.0M) procures an additional 168,000 MACS increments for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations. MACS is required to achieve logistics improvements to 155MM cannon field artillery and operational flexibility, rate-of-fire, system accuracy and Insensitive Munitions (IM) compliance when used in host artillery systems.

TYPE CLASSIFICATION DATE: May 05

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
Load, Assemble and Pack									5878	314	19
Combustible Case Sets									8384	330	25
Propellant (M232 Triple Base)									16485	1570	10
Ignition System/Spheriodal Propellant									129	20	6
LAP Containers									2657	66	40
Sub Total Ammo Hardware									33533		
Production Support Costs											
Production Engineering									1498		
Quality Assurance									100		
Testing									800		
Value Engineering									153		
Fielding									100		
Sub Total Production Support Costs									2651		
Costs- Non Recurring											
Alternate Propellant Qualification									1250		
Sub Total Costs Non Recurring									1250		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
Load, Assemble and Pack (Supp)									3192	168	19
Combustible Case Sets (Supp)									4325	173	25
Propellant (M232 Triple Base) (Supp)									8400	840	10
Ignition Sys/Spheriodal Propellant(Supp)									65	10	6
LAP Containers (Supp)									1400	35	40
Sub Total Ammo Hardware									17382		
Production Support Costs											
Testing (Supp)									2618		
Sub Total Production Support Costs									2618		
Total:									57434		120

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)								
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 BASE APPROPRIATION										
Load, Assemble and Pack										
FY 2007	American Ordnance Middletown, IA	SS/Option	Picatinny, NJ	Jan 07	Aug 08	314	19	Y		
Combustible Case Sets										
FY 2007	American Ordnance Middletown, IA	CM-5/FP	Picatinny, NJ	Jan 07	Apr 08	330	25	Y		
Propellant (M232 Triple Base)										
FY 2007	TBS TBS	SS/Option	Picatinny, NJ	Jan 07	May 08	1570	10	Y		
Ignition System/Spheriodal Propellant										
FY 2007	TBS TBS	SS/Option	Picatinny, NJ	Jan 07	May 08	20	6	Y		
LAP Containers										
FY 2007	Conco Louisville, KY	SS/Option	Picatinny, NJ	May 07	May 08	66	40	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
Load, Assemble and Pack (Supp)										
FY 2007	American Ordnance Middletown, IA	SS/Option	Picatinny, NJ	Jun 07	Jan 09	168	19	Y		
Combustible Case Sets (Supp)										
FY 2007	Armtec Coachella, CA	CM-5/FP	Picatinny, NJ	Jun 07	Oct 08	173	25	Y		
Propellant (M232 Triple Base) (Supp)										
FY 2007	TBS TBS	SS/Option	Picatinny, NJ	Jun 07	Oct 08	840	10	Y		
Ignition Sys/Spheriodal Propellant(Supp)										
FY 2007	TBS TBS	SS/Option	Picatinny, NJ	Jun 07	Oct 08	10	6	Y		
LAP Containers (Supp)										
FY 2007	Conco Louisville, KY	SS/Option	Picatinny, NJ	Jun 07	Oct 08	35	40			
REMARKS:										

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)
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WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
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<p style="font-size: 24px; color: gray;">[Empty Table Area]</p>										
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FY 08 / 09 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE MODULAR ARTILLERY CHARGE SYSTEM (MACS), M232 (ER8021)	Date: February 2007
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COST ELEMENTS					Fiscal Year 08												Fiscal Year 09												Later	
MFR	FY	S E R V	PROC QTY x1000	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
Load, Assemble and Pack																														
1	FY 07	A	314	0	314												60	60	60	60	60	14							0	
Load, Assemble and Pack (Supp)																														
1	FY 07	A	168	0	168																	45	60	60	3				0	
Total																	60	60	60	60	60	59	60	60	3					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

MFR	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR	TOTAL	REMARKS	
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct		
		1		Initial	Reorder	Initial	Reorder	Initial	Reorder	Initial		Reorder
1	American Ordnance, Middletown, IA	30	60	125		1	Initial	3	12	5	17	
							Reorder	3	4	22	26	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
MINE, CLEARING CHARGE, ALL TYPES (E75100)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				10.9						10.9
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.9						10.9
Initial Spares										
Total Proc Cost				10.9						10.9
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget includes Mine Clearing Charges, All Types.

FY 2007 Base Appropriation- \$ 4.9 Million
 FY 2007 Title IX (Bridge)Appropriation- \$ 0.0 Million
 FY 2007 Main Supplemental Request- \$ 6.0 Million
 FY 2007 Total- \$10.9 Million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: MINE, CLEARING CHARGE, ALL TYPES (E75100)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION											
E75102 LINE CHARGE INERT M68A2 F/MICLIC		A						4877	205		24
Subtotal Basic Appropriation								4877			
FY 2007 MAIN SUPPLEMENTAL REQUEST											
E72800 Anti-Pers Obstacle Breech Sys								6000	630		10
Subtotal Supplemental Appropriation								6000			
Total:								10877			

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
ANTI-PERS OBSTACLE BREACHING SYSTEM (E72800)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				630						630
Gross Cost				6.0						6.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				6.0						6.0
Initial Spares										
Total Proc Cost				6.0						6.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The Anti-Personnel Obstacle Breaching System (APOBS) is used by dismounted troops in combat operations to clear a lane through wire obstacles and anti-personnel mines. This item is a lightweight, self-contained, 1-shot expendable system that is transported and deployed by a 2-man team. It consists of a line charge/fuze assembly and a rocket motor assembly. APOBS uses the EX126 Mod 0 rocket motor to propel a line charge over the obstacle. The line charge explodes, clearing a lane. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$6.0 million) procures 630 APOBS for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION: July 2001 - Standard

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: ANTI-PERS OBSTACLE BREACHING SYSTEM (E72800)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
APOBS Tactical System											
SubTotal Hardware											
									5355	630	8.5
									5355		
PRODUCTION SUPPORT COSTS											
Production Engineering											
Subtotal Procurement Support											
									645		
									645		
Total:											
									6000		

Exhibit P-5a, Budget Procurement History and Planning										Date: February 2007	
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: ANTI-PERS OBSTACLE BREACHING SYSTEM (E72800)						
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 2007 MAIN SUPPLEMENTAL REQUEST APOBS Tactical System FY 2007	Ensign Bickford Simsbury, CT		C/OPT	Picatinny, NJ	Jun 07	Mar 08	630	8.5	Y		
REMARKS:											

FY 07 / 08 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
ANTI-PERS OBSTACLE BREACHING SYSTEM (E72800)

Date: February 2007

COST ELEMENTS						Fiscal Year 07														Fiscal Year 08														Later		
MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 07														Calendar Year 08																
						OC	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP							
APOBS Tactical System																																				
1	FY 07 S	A	630	0	630																							30	80	80	80	80	80	80	80	120
Total					630	630																						30	80	80	80	80	80	80	80	120
						OC	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			1	Prior 1 Oct				After 1 Oct
								Initial				Reorder
1	Ensign Bickford, Simsbury, CT	80	175	250		1	Initial	4	6	9	15	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE ANTI-PERS OBSTACLE BREACHING SYSTEM (E72800)	Date: February 2007
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COST ELEMENTS					Fiscal Year 09														Fiscal Year 10															
MFR	FY	SERV	PROC QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09														Calendar Year 10														Later
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					

APOBS Tactical System																														
1	FY 07 S	A	630	510	120	80	40																							0
Total																														
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	Ensign Bickford, Simsbury, CT	80	175	250		1	Initial	4	6	9	15	
							Reorder	4	6	9	15	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
SHOULDER FIRED ROCKETS, ALL TYPES (EA4000)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				37.7						37.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				37.7						37.7
Initial Spares										
Total Proc Cost				37.7						37.7
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes Shoulder Fired Rockets, All Types.

FY 2007 Base Appropriation- \$ 7.7 Million
 FY 2007 Title IX (Bridge) Appropriation- \$ 0.0 Million
 FY 2007 Main Supplemental Request- \$30.0 Million
 FY 2007 Total- \$37.7 Million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: SHOULDER FIRED ROCKETS, ALL TYPES (EA4000)			Weapon System Type:	Date: February 2007				
AMMO Cost Elements	ID	FY 05			FY 06			FY 07		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION										
E36101 AT-4 CONFINED SPACE								7312	1577	4.6
E88401 BUNKER DEFEAT MUNITION								398		
Subtotal Base Appropriation								7710		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
E36101 AT-4 CONFINED SPACE (Suppl)								10000	2783	3.6
E88401 BUNKER DEFEAT MUNITION(Suppl)								20000	1873	10.7
Subtotal Supplemental Appropriation								30000		
Total:								37710		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
AT4 - Confined Space (E36101)

Program Elements for Code B Items:

Code:
B

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				4360						4360
Gross Cost				17.3						17.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				17.3						17.3
Initial Spares										
Total Proc Cost				17.3						17.3
Flyaway U/C										
Weapon System Proc U/C										

Description:

The AT4 is the Army's primary shoulder launched, lightweight, anti-tank weapon. This procurement is for the AT4-Confined Space (CS) weapon, a safety enhanced version of the M136 AT4 Multipurpose Weapon. The AT4-CS is a self-contained weapon consisting of a free-flight, fin-stabilized, rocket packed in an expendable, 1-piece launch tube. The recoilless design permits accurate delivery of the 84mm High Explosive Anti-Armor warhead out to 250 meters.

The AT4-CS incorporates a safety modification to the propulsion system that significantly reduces the weapon's back blast and launch signature. This will allow the user to safely fire the weapon from a protected area or enclosed space during close combat operations. This item is Code B, not approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$10.0 million) procures an additional 2783 rockets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: AT4 - Confined Space (E36101)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION											
AMMUNITION HARDWARE											
Complete Round											
									5558	1577	3.6
SubTotal Hardware									5558		
PRODUCTION SUPPORT COSTS											
Production Engineering											
									1330		
Acceptance Testing											
									424		
Sub Total Production Support									1754		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
Complete Round (supplemental)											
									10000	2783	3.6
SubTotal Hardware									10000		
Total:									17312		4.0

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: AT4 - Confined Space (E36101)								
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
Complete Round FY 2007	SAAB Bofors Dynamics AB Karlskoga, Sweden	SS/OPT	Picatinny, NJ	Mar 07	Mar 08	1577	3.600	Y		
Complete Round (supplemental) FY 2007	SAAB Bofors Dynamics AB Karlskoga, Sweden	SS/OPT	Picatinny, NJ	Jun 07	Jun 08	2783	3.600	y		

REMARKS: Prices are subject to currency fluctuations.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
BUNKER DEFEAT MUNITION (E88401)

Program Elements for Code B Items:

Code:
B

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1873						1873
Gross Cost				20.4						20.4
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				20.4						20.4
Initial Spares										
Total Proc Cost				20.4						20.4
Flyaway U/C										
Weapon System Proc U/C										

Description:

The Bunker Defeat Munition (BDM) is a single-shot, disposable, shoulder-launched munition used to defeat earth and timber field fortifications (bunkers) out to 250 meters. The system also defeats lightly armored vehicles and breaches masonry walls using its 83mm High Explosive, Dual-Purpose rocket. Additionally, each telescoping launcher has an integral night-vision device mount to accept any sight or laser aiming light with rail-grabber attachment. BDM is authorized for use by contingency forces. The item is Code B, not approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$20.0 million) procures 1,873 rockets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Limited Procurement : September 1994

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: BUNKER DEFEAT MUNITION (E88401)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION											
Production Engineering											
398											
Subtotal Basic Appropriation											
398											
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Round											
		B							18828	1873	10.052
SubTotal AMMO Hardware											
18828											
PRODUCTION SUPPORT COSTS											
Production Engineering											
1042											
Acceptance Testing											
130											
SubTotal Production Support Costs											
1172											
Total:											
									20398		10.737

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: BUNKER DEFEAT MUNITION (E88401)							
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
Complete Round FY 2007 (S)	Talley Defense Systems Mesa, AZ	SS/FP	Picatinny, NJ	Jun 07	Nov 08	1873	10.1	Y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE BUNKER DEFEAT MUNITION (E88401)	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					

Complete Round																															
1	FY 07 S	A	1873	0	1873		250	500	700	423																				0	
Total																															
			1873		1873		250	500	700	423																					
							O C T	N O V	D E C	J A N	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	Talley Defense Systems, Mesa, AZ	200	700	1400		1	Initial	6	7	16	23	
							Reorder	6	6	12	18	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
ROCKET, HYDRA 70, ALL TYPES (E37300)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				164.1						164.1
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				164.1						164.1
Initial Spares										
Total Proc Cost				164.1						164.1
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line procures all Hydra 70 rocket types in support of training and war reserve requirements. The system provides combat overmatch capability and ensures a near-term war fighting readiness posture. This system of aerial rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, and air-to-ground suppression.

Justification:

FY 2007 Base Appropriation- \$136.1 million
 FY 2007 Title IX (Bridge) Appropriation- \$ 0.0 million
 FY 2007 Main Supplemental Request- \$ 28.0 million
 Total- \$164.1 million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: ROCKET, HYDRA 70, ALL TYPES (E37300)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
ROCKET HYDRA 70 M255A1									15634	14	1121
ROCKET HYDRA 70 HE/PD M151/M423									45243	59	769
ROCKET HYDRA 70 SIG PRAC M274									99303	142	702
ROCKET HYDRA 70, FLARE INFRARED (IR) M27									3941	1	3957
Total:									164121		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
ROCKET HYDRA 70 FLECHETTE M255A1 W/MK66-2 Mtr (E05302)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				14						14
Gross Cost				15.6						15.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				15.6						15.6
Initial Spares										
Total Proc Cost				15.6						15.6
Flyaway U/C										
Weapon System Proc U/C				1.1						1.1

Description:

The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel and air-to-ground suppression. The M255A1 Flechette warhead is a cargo warhead consisting of a nose cone assembly, a warhead case, an integral fuze, 1,179 60-grain flechettes and an expulsion charge assembly. The primary fuze (M439) is remotely set with Aerial Rocket Control System (ARCS), Multifunctional Display (MFD) or Rocket Management System (RMS) to provide range from 500 meters to 7200 meters. At expulsion, the 1,179 60-grain, hardened-steel flechettes separate and form a disk-like mass which breaks up with each flechette assuming an independent trajectory. The flechette uses kinetic energy derived from the velocity of the rocket to produce the desired impact and penetration on the target. The warhead weight is 20.3 pounds, and when mated to the MK66 motor, the weight is 27.5 pounds. The overall length of the M255A1 Rocket is 66.1 inches. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$2.0 million) procures an additional 1868 M255A1 rockets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 25 March 2005.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: ROCKET HYDRA 70 FLECHETTE M255A1 W/MK66-2 Mtr (E05302)			Weapon System Type:	Date: February 2007				
AMMO Cost Elements	ID	FY 05			FY 06			FY 07		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION										
Complete Round								12402	12	1.0
Production Engineering								1232		
Sub Total Ammo Hardware								13634		
FY2007 MAIN SUPPLEMENTAL REQUEST										
Complete Round								2000	2	1.0
Sub Total Ammo Hardware								2000		
Total:								15634		1.0

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: ROCKET HYDRA 70 FLECHETTE M255A1 W/MK66-2 Mtr (E05302)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 BASE APPROPRIATION										
Complete Round										
FY 2007	General Dynamics Burlington, VT	SS/FP	AMCOM, Redstone Arsenal, AL	Feb 07	Aug 08	12	1	Y		
FY2007 MAIN SUPPLEMENTAL REQUEST										
FY 2007 Supplement	General Dynamics Burlington, VT	SS/Option	AMCOM, Redstone Arsenal	Jun 07	Dec 08	2	1	Y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE ROCKET HYDRA 70 FLECHETTE M255A1 W/MK66-2 Mtr (E05302)	Date: February 2007
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COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
MFR	FY	S E R V	PROC QTY x1000	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					

Complete Round																														
1	FY 07 S	A	1.868	0.000	1.868			1.868																						0.000
1	FY 07	A	11.700	2.700	9.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000																0.000	
Total			13.568	2.700	10.868	1.000	1.000	2.868	1.000	1.000	1.000	1.000	1.000																	
						O C T	N O V	D E C	J A N	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 Production rates apply to Hydra Rockets produced at GDATP.
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
				1							
1	General Dynamics, Burlington, VT	0.300	15.000	46.000		1	Initial	6	7	22	29
							Reorder	6	7	18	25
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
ROCKET HYDRA 70 HE/PD M151/M423 (E37335)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				59						59
Gross Cost				45.2						45.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				45.2						45.2
Initial Spares										
Total Proc Cost				45.2						45.2
Flyaway U/C										
Weapon System Proc U/C				0.8						0.8

Description:

The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior helicopters, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, and air-to-ground suppression. The M151 HEPD is a unitary fragmenting 10-lb anti-personnel warhead with the M423 Point Detonating Fuze. Upon detonation, the warhead fragments into thousands of small, high velocity fragments. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$17.0 million) procures an additional 23,900 M151/M423 rockets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 26 February 1982

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: ROCKET HYDRA 70 HE/PD M151/M423 (E37335)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
Complete Round									25693	35	734.1
Production Engineering									2550		
SubTotal AMMO Hardware									28243		
FY 2007 Main Supplemental Request											
Complete Round									17000	24	708.3
SubTotal Prod. Support									17000		
Total:									45243		766.8

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: ROCKET HYDRA 70 HE/PD M151/M423 (E37335)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 Base Appropriation										
Complete Round										
FY 2007	General Dynamics Burlington, VT	SS/FP	AMCOM, Redstone Arsenal, AL	Feb 07	Aug 08	35	723	Y		
FY 2007 Main Supplemental Request										
FY 2007 Supplement	General Dynamics Burlington, VT	SS/Option	AMCOM, Redstone Arsenal	Jun 07	Dec 08	24	723	Y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE ROCKET HYDRA 70 HE/PD M151/M423 (E37335)	Date: February 2007
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COST ELEMENTS					Fiscal Year 09												Fiscal Year 10													
M F R	FY	S E R V	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09												Calendar Year 10												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	

Complete Round

1	FY 07 S	A	23.9	0.0	23.9			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9																			0.0
1	FY 07	A	35.5	6.5	29.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0																					0.0	
Total			59.4	6.5	52.9	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	4.0	2.0	2.0	2.0	1.9																			

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, Burlington, VT	0.3	15.0	46.0		1	Initial	6	7	22	29	Production rates apply to Hydra Rockets produced at GDATP.
						1	Reorder	6	7	18	25	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
ROCKET HYDRA 70 SIG PRAC M274 (E37337)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				142						142
Gross Cost				99.3						99.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				99.3						99.3
Initial Spares										
Total Proc Cost				99.3						99.3
Flyaway U/C										
Weapon System Proc U/C				0.7						0.7

Description:

The HYDRA-70 family of rockets is used by Army aircraft (AH-64A/D Apache, OH-58D Kiowa Warrior, Armed Reconnaissance Helicopter, and Special Operations aircraft) to perform a number of roles including anti-materiel, anti-personnel, and air-to-ground suppression. The M274 warhead is a smoke/flash signature practice warhead used for pilot/gunner training missions and consists of a cast iron warhead modified with vent holes, an aluminum nose cap with firing pin, a M423 fuze safe and arming device, and a smoke/flash cartridge. The M274, with the MK66 Mod 4 rocket motor and electromagnetic radiation protection, can be fired by all aircraft. This item is Code A, approved for service use.

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$9.0 million) procures an additional 13,680 M274 rockets in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1986

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: ROCKET HYDRA 70 SIG PRAC M274 (E37337)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 Base Appropriation											
Complete Round									82146	128	642
SubTotal AMMO Hardware									82146		
PRODUCTION SUPPORT COSTS									8157		
PROD SUPPORT SUBTOTAL									8157		
FY 2007 Main Supplemental Request											
COMPLETE ROUND									9000	14	643
Subtotal Supplemental Appropriation									9000		
Total:									99303		699

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: ROCKET HYDRA 70 SIG PRAC M274 (E37337)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 Base Appropriation										
Complete Round										
FY 2007	General Dynamics Burlington, VT	SS/FP	AMCOM, Redstone Arsenal, AL	Feb 07	Aug 08	128	641	Y		
FY 2007 Main Supplemental Request										
FY 2007 Supplement	General Dynamics Burlington, VT	SS/Option	AMCOM, Redstone Arsenal, AI	Jun 07	Dec 08	14	641	y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE ROCKET HYDRA 70 SIG PRAC M274 (E37337)	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 x1000	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	

Complete Round

1	FY 07 S	A	13.68	13.68	13.68			2.00	1.68	1.00	1.00	1.00	1.00	1.00	1.00	1.00	4.00												0.00	
1	FY 07	A	128.50	128.50	106.00	11.00	11.00	11.00	11.00	11.00	11.00	10.00	10.00	10.00	10.00														0.00	
Total			142.18	142.18	119.68	11.00	11.00	13.00	12.68	12.00	12.00	11.00	11.00	11.00	11.00	4.00														
						O C T	N O V	D E C	J A N	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 Production rates apply to Hydra Rockets produced at GDATP.
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
				1			Initial	Reorder			
1	General Dynamics, Burlington, VT	0.30	25.00	46.00		1	6	7	22	29	

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
DEMOLITION MUNITIONS, ALL TYPES (E55400)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				59.5						59.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				59.5						59.5
Initial Spares										
Total Proc Cost				59.5						59.5
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes Demolition Munitions, All Types.

FY 2007 Base Appropriation \$ 36.0 Million
 FY 2007 Title IX (Bridge) Appropriation \$ 0.0 Million
 FY 2007 Main Supplemental Request \$23.5 Million
 FY 2007 Total \$59.5 Million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: DEMOLITION MUNITIONS, ALL TYPES (E55400)			Weapon System Type:	Date: February 2007				
AMMO Cost Elements	ID	FY 05			FY 06			FY 07		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
BASIC APPROPRIATION										
E50601 Chg Demo Blk C-4 1-1/4 lb M112								21164	946	
E51300 Chg Demo BLK Cratering 40 LB								2391	6	
E52500 Cap Blasting Elec M6								1322	46	
E52600 Cap Blasting Non-Elec M7								807	124	
E53100 Chg Demo Shaped M2 15 LB								1162	1	1
E54100 Cord Detonating Type 1								573	2334	
E78201 Chg, Demo Sheet Roll 38' (QTY ea)								622	21	
E81301 Holder for Blst Cp & Shk Tube M9								413	594	
E81305 Cap Blasting Non-Elec,Delay, M14								1788	186	
E81307 Igniter Time Fuze & Shk Tube, M81								620	73	
E88300 Igniter Electric Match, M79								17	1	16
E94100 Booster Demo Charge, M151								953	123	
E99301 Rapid Wall Breaching Kit M322								2400	216	11
E99903 Blast Cap, NonEl:500' Mntube, M21								774	11	
E99904 Blast Cap, NonEl:500' Inert, M22								82	2	81
E99905 Blast Cap NonEl:1000' Mntube, M23								913	11	
Subtotal Basic Appropriation								36001		
SUPPLEMENTAL APPROPRIATION										
E51400 Chg Demo Roll (Suppl)								8000	481	17
E60200 Cutter Ctg 2 Sec Delay, M21 (Supp)								5000	11	446
E78201 Chg, Demo Sheet Roll 38' (Suppl)								2000	126	16
E81306 Cap, Inert Non-El w/70' M15 (Supp)								1000	85	12
E99301 Rapid Wall Breach Kit M322 (Suppl)								7500	1600	4688
Subtotal Supplemental Appropriation								23500		
Total:								59501		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CHARGE DEMOLITION ROLL M186 (E51400)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				481						481
Gross Cost				8.0						8.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				8.0						8.0
Initial Spares										
Total Proc Cost				8.0						8.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M186 is a flexible ribbon explosive, 3 in wide x .25 inch thick. It is packaged on a plastic spool with 50 feet of explosive. It is used as a cutting charge against steel targets. The primary users are engineers and explosive ordnance disposal units. It is used for specialized demolition missions and destruction of Improvised Explosive Devices (IED). This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$8.0 million) procures 481,000 feet of ribbon explosive for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Prior to 1970

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CHARGE DEMOLITION ROLL M186 (E51400)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
FY 2007 MAIN SUPPLEMENTAL REQUEST			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
HARDWARE											
EXPLOSIVE 3in x .25in (Per foot)									7633	481	16
Subtotal Hardware									7633		
PRODUCTION SUPPORT											
PRODUCTION ENGINEERING									363		
QUALITY ASSURANCE									4		
Subtotal Production Support									367		
Total:									8000		17

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CHARGE DEMOLITION ROLL M186 (E51400)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 MAIN SUPPLEMENTAL REQUEST EXPLOSIVE 3in x .25in (Per foot) FY 2007 (S)	To Be Selected	C/OPT	Rock Island, IL	Jun 07	Mar 08	481	16	Y		

REMARKS: FY07 Supplemental buy will be a priced option to an FY06 contract.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
CHARGE DEMOLITION ROLL M186 (E51400)

Date: February 2007

COST ELEMENTS					Fiscal Year 07													Fiscal Year 08										Later	
MFR	FY	SERV	PROC QTY Each	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
EXPLOSIVE 3in x .25in (Per foot)																													
1	FY 07 S	A	481	0	481																								
Total					481																								

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	To Be Selected	10	40	80		1	Initial	7	7	12	THERE IS NO FY07 PLANNED BUY. BUT THERE IS AN FY06 ORDER THAT WILL BE AWARDED AS THE BASE YEAR CONTRACT. THE FY07 SUPPLEMENTAL WILL BE AN OPTION.
							Reorder	3	9	9	
							Initial				
							Reorder				
							Initial				
							Reorder				
							Initial				
							Reorder				

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CHARGE DEMOLITION ROLL M186 (E51400)	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			

EXPLOSIVE 3in x .25in (Per foot)																													
1	FY 07 S	A	481	481	201	40	40	40	40	41																			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			481	481	201	40	40	40	40	41																			

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	To Be Selected	10	40	80		1	Initial	7	7	12	19	THERE IS NO FY07 PLANNED BUY. BUT THERE IS AN FY06 ORDER THAT WILL BE AWARDED AS THE BASE YEAR CONTRACT. THE FY07 SUPPLEMENTAL WILL BE AN OPTION.
							Reorder	3	9	9	18	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CUTTER CTG ACTUATED 2 SEC DELAY M21 (E60200)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				11						11
Gross Cost				5.0						5.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				5.0						5.0
Initial Spares										
Total Proc Cost				5.0						5.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M21 Cutter is a cartridge actuated device that is used in aerial delivery systems for cargo. It severs a reefing line which allows a parachute to fully deploy. The cutter is installed in a mounting bracket which is attached to the parachute. Major components consist of a case, firing pin assembly, lanyard, knife assembly, delay assembly, and cotter pin. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$5.0 million) procures an additional 11,223 cutter charges for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1980

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: CUTTER CTG ACTUATED 2 SEC DELAY M21 (E60200)			Weapon System Type:	Date: February 2007				
AMMO Cost Elements	ID	FY 05			FY 06			FY 07		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
FY 2007 MAIN SUPPLEMENTAL REQUEST		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
HARDWARE										
COMPLETE ROUND								4557	11	406
Subtotal Hardware								4557		
PROGRAM SUPPORT										
PRODUCTION ENGINEERING								243		
Subtotal Program Support								243		
NON RECURRING COSTS										
PRODUCIBILITY UPDATE								200		
Subtotal Non-Recurring Costs								200		
Total:								5000		425

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CUTTER CTG ACTUATED 2 SEC DELAY M21 (E60200)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
COMPLETE ROUND FY 2007	To Be Selected	C/FP	Rock Island, IL	Jun 07	Dec 08	11	406	Y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
CUTTER CTG ACTUATED 2 SEC DELAY M21 (E60200)

Date: February 2007

COST ELEMENTS							Fiscal Year 09														Fiscal Year 10														Later
MFR	FY	SERV	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09														Calendar Year 10															
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP						

COMPLETE ROUND

1	FY 07 S	A	11.00	0.00	11.00			1.00	2.00	2.00	2.00	2.00	2.00																0.00
Total			11.00		11.00			1.00	2.00	2.00	2.00	2.00	2.00																

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	To Be Selected	1.00	2.00	4.00		1	Initial	5	9	18	27	
							Reorder	6	6	18	24	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CHG DEM SHEET ROLL 38 FT (E78201)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				147						147
Gross Cost				2.6						2.6
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				2.6						2.6
Initial Spares										
Total Proc Cost				2.6						2.6
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M980 is a flexible sheet explosive 10 in wide x .083 inch thick x 38 feet long. It is easily cut to desired shape and applied with adhesive. The primary users are engineers and explosive ordnance disposal units. It is used for specialized demolition missions and destruction of Improvised Explosive Devices (IED). This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$2.0 million) procures an additional 126,000 feet of sheet explosive for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE:

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CHG DEM SHEET ROLL 38 FT (E78201)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
HARDWARE											
Sheet explosive 10 x.083 in per ft									333	21	16
Subtotal Hardware									333		
PRODUCTION SUPPORT											
Production Engineering									192		
Subtotal Production Support									192		
NON-RECURRING COSTS											
Shelf Life Determination Test									100		
Subtotal Non-Recurring Costs									100		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
Sheet explosive 10 x.083 in/ft (S)									2000	126	16
Subtotal Supplemental appropriation									2000		
Total:									2625		18

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 \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:			P-1 Line Item Nomenclature: CHG DEM SHEET ROLL 38 FT (E78201)				
FY 2007 BASE APPROPRIATION Sheet explosive 10 x.083 in per ft FY 2007	To Be Selected	C/OPT	Rock Island IL	Mar 07	Dec 07	21	16	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST Sheet explosive 10 x.083 in/ft (S) FY 2007 (S)	To Be Selected	C/OPT	Rock Island IL	Jun 07	Mar 08	126	16	Y		

REMARKS: Contract will be a priced option to contract awarded in August 06.

COST ELEMENTS					Fiscal Year 07															Fiscal Year 08															
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												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						
Sheet explosive 10 x.083 in per ft																																			
1	FY 07	A	21	0	21						A													2	7	12							0		
Sheet explosive 10 x.083 in/ft (S)																																			
1	FY 07 S	A	126	0	126									A														12	12	12	12	12	12	12	42
Total		147		147																						2	7	12	12	12	12	12	12	12	42
O C T N O V D E C J A N 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	Initial	Reorder			6	11				12
1	To Be Selected	5	12	30		1	Initial	6	11	12	23	
							Reorder	6	6	9	15	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CHG DEM SHEET ROLL 38 FT (E78201)	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					
Sheet explosive 10 x.083 in per ft																																		
1	FY 07	A		21	21																												0	
Sheet explosive 10 x.083 in/ft (S)																																		
1	FY 07	A		126	126	42	12	12	12	6																						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	To Be Selected	5			12	30		1		Initial
							Reorder	6	6	9	15	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CAP BLASTING NON-ELEC, DELAY, W/70 FT TUBE, M15 (E81306)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				85						85
Gross Cost				1.0						1.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				1.0						1.0
Initial Spares										
Total Proc Cost				1.0						1.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M15 Blasting Cap consists of 70 feet of shock tube with two delay blasting caps attached at each end. One cap has a 25 millisecond (ms) delay and the other has a 200ms delay. The M15 is used to obtain staged detonations such as are needed in quarrying operations.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$1.0 million) procures 85,000 blasting cap & shock tube sets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE:

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CAP BLASTING NON-ELEC, DELAY, W/70 FT TUBE, M15 (E81306)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
COMPLETE M15 DUAL CAP & TUBE SET											
Subtotal Hardware											
PRODUCTION SUPPORT											
PRODUCTION ENGINEERING											
Subtotal Production Support											
Total:											
									904	85	11
									904		
									96		
									96		
									1000		12

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CAP BLASTING NON-ELEC, DELAY, W/70 FT TUBE, M15 (E81306)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
COMPLETE M15 DUAL CAP & TUBE SET FY 2007 (s)	Ensign Bickford Simsbury, CT	C/OPT	Picatinny, NJ	Jun 07	Mar 08	85	11	Y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE										P-1 ITEM NOMENCLATURE CAP BLASTING NON-ELEC, DELAY, W/70 FT TUBE, M15 (E81306)										Date: February 2007	
--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	--	--	------------------------	--

COST ELEMENTS						Fiscal Year 09														Fiscal Year 10														Later
M F R	FY	S E R V	PROC QTY x1000	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					

COMPLETE M15 DUAL CAP & TUBE SET																														
1	FY 07 S	A	85	65	20	10	10																							0
Total						85	65	20	10	10																				
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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	Ensign Bickford, Simsbury, CT	5	10	25		1	Initial	6	7	12	19	
							Reorder	6	6	9	15	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
Demolition Kit, Rapid Wall Breach XM322 (E99301)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1816						1816
Gross Cost				9.9						9.9
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				9.9						9.9
Initial Spares										
Total Proc Cost				9.9						9.9
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M322 Demolition Kit, Rapid Wall Breach, is a man-portable demolition kit that rapidly creates a man-sized hole in triple brick and reinforced concrete walls. M322 Kit includes: 11 ft Flexible Linear Shaped Charge, 200 ft shock tube initiation system, an attachment device to the target and a carrying bag. This line also funds two training items. The M324 is an inert training device used to train soldiers in the use of the kit. The M323 uses a detonation cord in place of the shape charge and can make holes in plywood target walls that simulate masonry walls for unit training. These items are code A approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$7.5 million) procures 1,600 wall breaching kits and associated training deices for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Standard Nov 2004

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: Demolition Kit, Rapid Wall Breach XM322 (E99301)			Weapon System Type:	Date: February 2007				
AMMO Cost Elements	ID	FY 05			FY 06			FY 07		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION										
HARDWARE										
M322 TACTICAL RWBK								668	216	3.1
M323 COLLECTIVE TRAINER								281	100	2.8
M324 INERT TRAINER								160	50	3.2
Subtotal Hardware								1109		
PROGRAM SUPPORT										
Production Engineering								915		
Subtotal Program Support								915		
NON-RECURRING COSTS										
Physical Configuration Audit								376		
Subtotal Non-Recuring Costs								376		
SUBTOTAL BASE APPROPRIATION										
								2400		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
HARDWARE										
M322 TACTICAL RWBK								4944	1600	3.1
M323 COLLECTIVE TRAINER								1405	500	2.8
M324 INERT TRAINER								303	95	3.2
Subtotal Hardware								6652		
PROGRAM SUPPORT										
Production Engineering								848		
Subtotal Program Support								848		
SUBTOTAL SUPPLEMENTAL APPROPRIATION										
								7500		
Total:										
								9900		

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition	Weapon System Type:	P-1 Line Item Nomenclature: Demolition Kit, Rapid Wall Breach XM322 (E99301)								
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 2007 BASE APPROPRIATION										
M322 TACTICAL RWBK										
FY 2007	Ensign Bickford Inc Simsbury, CT	SS/FP	Picatinny, NJ	Apr 07	Apr 08	216	3.1	Y		
M323 COLLECTIVE TRAINER										
FY 2007	Ensign Bickford Inc Simsbury, CT	SS/FP	Picatinny, NJ			100	2.8	Y		
M324 INERT TRAINER										
FY 2007	Ensign Bickford Inc Simsbury, CT	SS/FP	Picatinny, NJ	Apr 07	Apr 08	50	3.2	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
M322 TACTICAL RWBK										
FY 2007 (S)	Ensign Bickford Inc Simsbury, CT	SS/OPT/FP	Picatinny, NJ	Jun 07	Jun 08	1600	3.1	Y		
M323 COLLECTIVE TRAINER										
FY 2007 (S)	Ensign Bickford Inc Simsbury, CT	SS/OPT/FP	Picatinny, NJ	Jun 07	Jun 08	500	2.8	Y		
M324 INERT TRAINER										
FY 2007 (S)	Ensign Bickford Inc Simsbury, CT	SS/OPT/FP	Picatinny, NJ	Jun 07	Jun 08	95	3.2	Y		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
GRENADES, ALL TYPES (E34000)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				57.9						57.9
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				57.9						57.9
Initial Spares										
Total Proc Cost				57.9						57.9
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes Grenades, All Types.

FY 2007 Base Appropriation \$ 55.9 Million
 FY 2007 Title IX (Bridge) Appropriation \$ 0.0 Million
 FY 2007 Main Supplemental Request \$2.0 Million
 FY 2007 Total \$57.9 Million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: GRENADES, ALL TYPES (E34000)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
E31900 Fuze Grenade Hand Prac M228									21407	5098	4
E32000 Grenade Hand Frag Delay M67									15230	365	42
E34001 Grenade Hand Smoke Green M18									4391	65	
E34002 Grenade Hand Smoke Yellow M18									4359	86	
E34003 Grenade Hand Smoke Red M18									2317	39	
E34004 Grenade Hand Smoke Violet M18									1745	26	66
E69300 Grenade Hand Smoke Tng M83									6487	137	47
Subtotal Basic Appropriation									55936		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
E33700 Grenade, Hand Smoke HC AN-M8									2000		
Subtotal Supplemental Appropriation									2000		
Total:									57936		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
GRENADE HAND SMOKE HC AN-M8 (E33700)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				2.0						2.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				2.0						2.0
Initial Spares										
Total Proc Cost				2.0						2.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The AN-M8 is a hand-thrown grenade. It consists of an M201 fuze, a grenade body and a hexachloroethane (HC) fill. When ignited it produces a thick screening smoke. This item is code A, approved for service use.

Justification:

This is a war reserve item. Due to the toxicity of the smoke produced, it is not used in training. FY2007 supplemental funding (\$2.0 million) will be used to qualify a more environmentally friendly smoke mixture. The reformulated grenade will be produced in future years to support the Global War On Terror (GWOT)

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
SIGNALS, ALL TYPES (E46900)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				190.2						190.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				190.2						190.2
Initial Spares										
Total Proc Cost				190.2						190.2
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes Signals, All Types.

FY 2007 Base Appropriation	\$ 26.3 Million
FY 2007 Title IX (Bridge) Appropriation	\$ 0.0 Million
FY 2007 Main Supplemental Request	\$163.9 Million
FY 2007 Total	\$190.2 Million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: SIGNALS, ALL TYPES (E46900)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
E62900 SMOKE POT PRACTICE M8									1938	3	646
E46400 SIG ILLUM GND RS CLUSTER M158									1527	28	55
E46500 SIG ILLUM GND WS CLUSTER M159									1768	32	55
E46800 SIG ILLUM GND WS PARA M127A1									3014	55	
E47000 SIG ILLUM GND GS CLUSTER M125A1									2596	50	52
E48300 SIG ILLUM GND GS PARA M195									257	4	64
E49100 FLARE ACFT CNTRMEASURE M206									47		
E49200 FLARE SURFACE TRIP M49									2153	50	43
E88800 FLARE ACFT CNTRMEASURE M212									6478	37	152
E88900 FLARE, ACFT CNTRMEASURE , M211									6500	54	120
Subtotal FY 2007 Base Appropriation									26278		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
E74700 SIGNAL KIT MK135									5000	34	147
E49100 FLARE ACFT CNTRMEASURE M206									16200	698	23
E57600 CTG, 25.4MM DECOY M839									300		
E57700 IMPULSE CARTRIDGE FOR FLARES M796									3900	1389	3
E88800 FLARE ACFT CNTRMEASURE M212									80300	530	152
E88900 FLARE, ACFT CNTRMEASURE , M211									58200	558	104
Subtotal FY 2007 Main Supp. Request									163900		
Total:									190178		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
FLARE A/C COUNTERMEASURES M206 (E49100)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				698						698
Gross Cost				16.2						16.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				16.2						16.2
Initial Spares										
Total Proc Cost				16.2						16.2
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M206 Infrared Countermeasure Flare is dispensed from aircraft in combination with M211 and M212 Infrared Countermeasures flares to decoy heat-seeking missiles. It is used with ALE-47 dispensers on cargo planes and helicopters. This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$16.2 million) procures an additional 698,000 flares for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations

TYPE CLASSIFICATION DATE :1978 - Standard

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: FLARE A/C COUNTERMEASURES M206 (E49100)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING											
47											
SUBTOTAL PRODUCTION SUPPORT											
47											
FY 2007 MAIN SUPPLEMENTAL APPROPRIATION											
HARDWARE											
COMPLETE FLARE											
15783											
698											
23											
HARDWARE SUBTOTAL											
15783											
PRODUCTION SUPPORT COSTS											
PRODUCTION ENGINEERING											
406											
QUALITY ASSURANCE											
11											
PROD SUPPORT SUBTOTAL											
417											
Total:											
16247											
23											

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: FLARE A/C COUNTERMEASURES M206 (E49100)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2007 MAIN SUPPLEMENTAL APPROPRIATION										
COMPLETE FLARE										
FY 2007	ARMTEC COUNTERMEASURES CORP CAMDEN, AR	C/OTHER	Rock Island, IL	Jun 07	Jun 08	384	22	Y		
FY 2007	ALLIANT KILGORE TOONE, TN	C/OTHER	Rock Island, IL	Jun 07	Jun 08	314	23	Y		

REMARKS: FY07 supplemental exceeds the available option quantity on the existing competitively awarded contracts. The Army will pursue a modification to the existing contracts. Estimated contract price for multiple producers.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE													P-1 ITEM NOMENCLATURE FLARE A/C COUNTERMEASURES M206 (E49100)										Date: February 2007																	
COST ELEMENTS					Fiscal Year 07													Fiscal Year 08													Later									
M F R	FY	S E R V	PROC QTY x1000	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											
COMPLETE FLARE																																								
1	FY 07 S	A	384	0	384																									32	32	32	32	256						
2	FY 07 S	A	314	0	314																										26	26	26	26	210					
2	FY 07	AF	600	0	600							A																			50	50	50	50	250					
1	FY 07	AF	700	0	700							A																			58	58	58	58	294					
Total																																								
			1998		1998																												108	108	108	166	166	166	166	1010
						O C T	N O V	D E C	J A N	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	TOTAL	REMARKS FY07 production will begin at the conclusion of the FY2006 supplemental buy.																													
		MIN	1-8-5	MAX		Prior 1 Oct	After 1 Oct	After 1 Oct	After 1 Oct																															
1	ARMTEC COUNTERMEASURES CORP, CAMDEN, AR	20	60	150		1	Initial	9	7	18		25																												
							Reorder	9	6	12		18																												
2	ALLIANT KILGORE, TOONE, TN	20	60	150		2	Initial	9	7	18		25																												
							Reorder	9	6	12		18																												
3	TO BE SELECTED	20	60	150		3	Initial	9	7	18		25																												
							Reorder	9	6	12		18																												
							Initial																																	
							Reorder																																	
							Initial																																	
							Reorder																																	

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE FLARE A/C COUNTERMEASURES M206 (E49100)	Date: February 2007
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COST ELEMENTS					Fiscal Year 09													Fiscal Year 10													Later	
MFR	FY	S E R V	PROC QTY x1000	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			
COMPLETE FLARE																																
1	FY 07 S	A	384	128	256	32	32	32	32	32	32	32	32															0				
2	FY 07 S	A	314	104	210	26	26	26	26	26	26	26	28															0				
2	FY 07	AF	600	350	250	50	50	50	50	50																		0				
1	FY 07	AF	700	406	294	58	59	59	59	59																		0				
Total						1998	988	1010	166	167	167	167	167	58	58	60																
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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	ARMTEC COUNTERMEASURES CORP, CAMDEN, AR	20	60	150		1	Initial	9	7	18	25	
							Reorder	9	6	12	18	
2	ALLIANT KILGORE, TOONE, TN	20	60	150		2	Initial	9	7	18	25	
							Reorder	9	6	12	18	
3	TO BE SELECTED	20	60	150		3	Initial	9	7	18	25	
							Reorder	9	6	12	18	
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG 25.4MM DECOY M839 F/M130 FLARE DISP (E57600)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				0.3						0.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				0.3						0.3
Initial Spares										
Total Proc Cost				0.3						0.3
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M839 is a chaff dispenser used to spoof radar guided anti-aircraft missiles.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$0.3 million) will fund a technical data package update allowing the a buy to proceed in FY 2008 for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
CTG IMPULSE M796 F/FLARE M206 (E57700)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1389						1389
Gross Cost				3.9						3.9
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				3.9						3.9
Initial Spares										
Total Proc Cost				3.9						3.9
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M796 Impulse Cartridge is used to ignite and expel the M206, M211 and M212 Infrared Countermeasure Flare from the ALE-47 dispenser. This item is procured to a performance specification. This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$3.9 million) procures an additional 1.4 million rounds for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations

The Air Force BBU-35 impulse cartridge meets or exceeds all Army requirements and will be procured when a joint buy results in an economic advantage to the Government.

TYPE CLASSIFICATION DATE: 1970's

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: CTG IMPULSE M796 F/FLARE M206 (E57700)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
IMPULSE CARTRIDGE M796/BBU 35											
Subtotal Hardware											
PRODUCTION SUPPORT											
PRODUCTION ENGINEERING											
QUALITY ASSURANCE											
Subtotal Program Support											
Total:											
									3543	1389	2.550
									351		
									6		
									357		
									3900		2.807

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: CTG IMPULSE M796 F/FLARE M206 (E57700)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
IMPULSE CARTRIDGE M796/BBU 35 FY 2007 (S)	Technical Ordnance Clear Lake, SD	SS/OPT	HILL AFB, UT	Jun 07	Jun 08	1389	2.55	Y		

REMARKS: FY07 will be a priced option to the FY06 contract for BBU-35 awarded by the USAF.

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG IMPULSE M796 F/FLARE M206 (E57700)	Date: February 2007
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COST ELEMENTS					Fiscal Year 07														Fiscal Year 08														Later	
MFR	FY	SERV	PROC QTY x1000	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					

IMPULSE CARTRIDGE M796/BBU 35																																																								
1	FY 07 S	A	1389	0	1389																																																			
Total																																																								
						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 1	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
		1	Technical Ordnance, Clear Lake, SD	120			300	750		Initial	
						Reorder	6	9	12	21	
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE CTG IMPULSE M796 F/FLARE M206 (E57700)	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 x1000	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	

IMPULSE CARTRIDGE M796/BBU 35																														
1	FY 07 S	A	1389	1389	909	120	120	120	120	120	120	120	69																	0
Total						1389	1389	909	120	120	120	120	120	120	69															
						O C T	N O V	D E C	J A N	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	Technical Ordnance, Clear Lake, SD	120	300	750		1	Initial	6	7	18	25	
							Reorder	6	9	12	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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
SIGNAL KIT MK 135 MOD 1 (E74700)

Program Elements for Code B Items:

Code:
B

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				34						34
Gross Cost				5.0						5.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				5.0						5.0
Initial Spares										
Total Proc Cost				5.0						5.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The MK135 signal set is a set of seven small (pen-sized) multi-colored hand held flares. Originally used as distress flares for downed air crews, the pen flare is being used in theater as a warning device giving troops additional escalation of force capability. The flares have an average burn time of 4.5 seconds with an intensity of 5,000 to 11,000 candle power. This item is code B, approved for use by contingency forces but not for general service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$5.0 million) procures an additional 34,000 flare kits for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: Around 1960 by USN

This is a new start for the Army.

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: SIGNAL KIT MK 135 MOD 1 (E74700)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARE											
Complete Flare Kit											
									3433	34	100
SubTotal Hardware									3433		
Production Support Costs											
Production Engineering (USN)											
									50		
Quality Assurance											
									7		
Acceptance Testing											
									153		
SubTotal Prod. Support									210		
NONRECURRING COSTS											
Material Changes											
									700		
Producibility Engineering											
									257		
Materiel Release											
									300		
First Article Testing											
									100		
SubTotal COST - Nonrecurring									1357		
Total:									5000		147

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: SIGNAL KIT MK 135 MOD 1 (E74700)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Complete Flare Kit FY 2007 (S)	To Be Selected	C/FP	Rock Island, IL	Feb 08	Jan 09	34	100	N		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE SIGNAL KIT MK 135 MOD 1 (E74700)	Date: February 2007
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COST ELEMENTS					Fiscal Year 09										Fiscal Year 10										Later	
MFR	FY	SERV	PROC QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09										Calendar Year 10										
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR		MAY

Complete Flare Kit																													
1	FY 07 S	A	34	34	34					2	3	3	3	3	3	3	3	3	3	3	3	3	2						0
Total			34	34	34					2	3	3	3	3	3	3	3	3	3	3	3	3	2						
						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	To Be Selected	1	3	7	1	Initial	6	5	
						Reorder	6	6	9	15	
						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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
FLARE, AIRCRAFT, COUNTERMEASURE, M212 (E88800)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				567						567
Gross Cost				86.8						86.8
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				86.8						86.8
Initial Spares										
Total Proc Cost				86.8						86.8
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M212 Aircraft Countermeasure Flare is dispensed from aircraft in combination with M206 and M211 Infrared Countermeasure flares, to decoy heat-seeking missiles. It is used with ALE-47 dispensers on cargo planes and helicopters. This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$80.3 million) procures an additional 530,000 flares for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: November 2002 - Standard

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: FLARE, AIRCRAFT, COUNTERMEASURE, M212 (E88800)			Weapon System Type:	Date: February 2007				
AMMO Cost Elements	ID	FY 05			FY 06			FY 07		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION										
Hardware										
Complete Flare								5666	37	151
SubTotal AMMO Hardware								5666		
Production Support Costs										
Production Engineering								812		
SubTotal Prod. Support								812		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
Hardware										
Complete Flare (Suppl)								80300	530	151
SubTotal Supplemental Hardware								80300		
Total:								86778		153

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: FLARE, AIRCRAFT, COUNTERMEASURE, M212 (E88800)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Complete Flare FY 2007	To Be Selected	C/FP	Picatinny, NJ	Jul 07	Jun 08	37	151	Y		
Complete Flare (Suppl) FY 2007 (S)	To Be Selected	C/OPT	Picatinny, NJ	Sep 07	Jul 08	530	151	Y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
FLARE, AIRCRAFT, COUNTERMEASURE, M212 (E88800)

Date:
February 2007

COST ELEMENTS

Fiscal Year 09

Fiscal Year 10

MFR	FY	REV	SE QTY x1000	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 09													Calendar Year 10											Later				
						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP					
Complete Flare																																		
1	FY 07	A	37	37																														0
1	FY 07	AF	29	29																														0
Complete Flare (Suppl)																																		
1	FY 07 S	A	530	99	431	45	45	45	45	45	45	45	45	45	45	26																		0
Total																																		
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	To Be Selected	5	44	80		1	Initial	5	7	10	17
							Reorder	5	9	6	15
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
FLARE, INFRARED, COUNTERMEASURE, M211 (E88900)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				612						612
Gross Cost				64.7						64.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				64.7						64.7
Initial Spares										
Total Proc Cost				64.7						64.7
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M211 Infrared Countermeasure Flare is dispensed from aircraft in combination with M206 and M212 Infrared Countermeasures flares to decoy heat-seeking missiles. It is used with ALE-47 dispensers on cargo planes and helicopters. This item is code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$58.2 million) procures an additional 558,000 flares for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: November 2002 - Standard

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: FLARE, INFRARED, COUNTERMEASURE, M211 (E88900)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
Hardware											
Complete Flare											
									5610	54	104
SubTotal AMMO Hardware									5610		
Production Support Costs											
Production Engineering											
									390		
SubTotal Prod. Support									390		
Non Recurring Costs											
Prod Verification /First Article Tests											
									500		
SubTotal Non Recurring Costs									500		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
Hardware											
Complete Flare (Suppl)											
									58200	558	104
Sub Total Supplemental Appropriation									58200		
Total:									64700		109

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: FLARE, INFRARED, COUNTERMEASURE, M211 (E88900)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Complete Flare FY 2007	Alloy Surfaces Chester Twp., PA	SS/FP	Picatinny, NJ	Mar 07	Apr 08	54	104	Y		
Complete Flare (Suppl) FY 2007 (S)	Alloy Surfaces Chester Twp., PA	SS/FP	Picatinny, NJ	Jun 07	Aug 08	558	104	Y		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE												P-1 ITEM NOMENCLATURE FLARE, INFRARED, COUNTERMEASURE, M211 (E88900)								Date: February 2007							
--	--	--	--	--	--	--	--	--	--	--	--	---	--	--	--	--	--	--	--	------------------------	--	--	--	--	--	--	--

COST ELEMENTS					Fiscal Year 07												Fiscal Year 08												Later							
MFR	FY	S E R V	PROC QTY x1000	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						
Complete Flare																																				
1	FY 07	A	54	0	54																								10	11	11	11	11			0
1	FY 07	AF	167	0	167																								40	39	39	39	10			0
Complete Flare (Suppl)																																				
1	FY 07	A	558	0	558																												29	50	479	
Total																																				
																												50	50	50	50	50	50		479	

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	Initial	Reorder			5	9				12
1	Alloy Surfaces, Chester Twp., PA	5	12	80		1	Initial	5	9	12	21	FY2007 production will begin at the conclusion of the FY2006 supplemental buy. Lead times do not apply.
							Reorder	5	6	13	19	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
SIMULATORS, ALL TYPES (E51200)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				22.7						22.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				22.7						22.7
Initial Spares										
Total Proc Cost				22.7						22.7
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes Simulators, All Types.

FY 2007 Base Appropriation - \$10.7 Million
 FY 2007 Title IX (Bridge) Appropriation - \$ 0.0 Million
 FY 2007 Main Supplemental Request - \$12.0 Million
 FY07 Total - \$22.7 Million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: SIMULATORS, ALL TYPES (E51200)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
E88000 SIMULATOR TARGET HIT M25									416	12	34
E48400 SIMULATOR PROJ AIRBURST M74									2217	43	52
E49700 SIMULATOR PROJ GND BURST M115A2									2013	111	18
E49900 SIMULATOR BOOBY TRAP FLASH M117									716	17	42
E5000 SIMULATOR BOOBY TRAP ILLUM M118									778	18	43
E50100 SIMULATOR BOOBY TRAP WHIST M119									1021	32	32
E50200 SIMULATOR HAND GRENADE M116A1									1427	97	15
F01000 SIMULATOR MAIN TANK GUN M30									1292	288	4
F01100 SIMULATOR DIR/INDIR FIRE CUE M31									868	54	16
Subtotal Base Appn									10748		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
E49700 SIMULATOR PROJ GND BURST M115A2									5000	308	16
E49900 SIMULATOR BOOBY TRAP FLASH M117									4000	166	24
E50100 SIMULATOR BOOBY TRAP WHIST M119									3000	124	24
Subtotal Supplemental Appropriation									12000		
Total:									22748		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
SIMULATOR PROJ GND BURST M115A2 (E49700)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				419						419
Gross Cost				7.0						7.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				7.0						7.0
Initial Spares										
Total Proc Cost				7.0						7.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M115A2 Ground Burst Projectile Simulator is a hand-thrown pyrotechnic device that is used to provide realistic battlefield effects in training. It emits a whistle sound that imitates incoming artillery, followed by a flash and bang that simulates an artillery ground burst. This item is code A, approved for service use.

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$5.0 million) procures an additional 308,000 simulators in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1960'S

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: SIMULATOR PROJ GND BURST M115A2 (E49700)			Weapon System Type:		Date: February 2007		
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07			
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$	
FY 2007 BASE APPROPRIATION												
HARDWARE												
COMPLETE ROUND												
										1807	111	16
Subtotal Hardware										1807		
PRODUCTION SUPPORT												
Production Engineering												
										199		
Quality Assurance												
										7		
SubTotal Production Support										206		
FY 2007 MAIN SUPPLEMENTAL REQUEST												
HARDWARE												
COMPLETE ROUND												
										5000	308	16
SubTotal Supplemental Appropriation										5000		
Total:										7013		17

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 x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition			Weapon System Type:		P-1 Line Item Nomenclature: SIMULATOR PROJ GND BURST M115A2 (E49700)					
FY 2007 BASE APPROPRIATION COMPLETE ROUND FY 2007	Pyrotechnique by Grucci Inc Radford, VA	C/OPT	Rock Island IL	Mar 07	Mar 08	111	16	Y		
FY 2007 MAIN SUPPLEMENTAL REQUEST COMPLETE ROUND FY 2007 (S)	Pyrotechnique by Grucci Inc Radford, VA	C/OPT	Rock Island IL	Jun 07	Jun 08	308	16	Y		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
SIMULATOR BOOBY TRAP FLASH M117 (E49900)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				183						183
Gross Cost				4.7						4.7
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				4.7						4.7
Initial Spares										
Total Proc Cost				4.7						4.7
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M117 Booby Trap Simulator is a hand-emplaced pyrotechnic device that is used to provide realistic battlefield effects in training. It is set using a trip wire or pressure release device and when triggered produces flash and bang that simulates an explosive device. This item is code A, approved for service use.

Justification:

This is classified as a training unique device, not designed for used in combat. While designed as a training device, soldiers in theater are using this item as an early warning device for perimeter security. The FY 2007 Supplemental (\$4.0 million) will procure an additional 166,000 simulators to support mobilization and pre-deployment training, contingency operations, and the global war on terrorism.

TYPE CLASSIFICATION DATE: 1960's

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: SIMULATOR BOOBY TRAP FLASH M117 (E49900)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASIC APPROPRIATION											
HARDWARE											
Complete Round											
Subtotal Hardware											
PRODUCTION SUPPORT											
Production Engineering											
Quality Assurance											
Subtotal Production Support											
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
Complete Round (Suppl)											
Subtotal Supplemental Appropriation											
Total:											

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: SIMULATOR BOOBY TRAP FLASH M117 (E49900)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Complete Round FY 2007	L3 - Bulova Technologies Lancaster, PA	C/OPT	Rock Island, IL	Mar 07	Dec 07	17	24	Y		
Complete Round (Suppl) FY 2007 (S)	L3 - Bulova Technologies Lancaster, PA	C/OPT	Rock Island, IL	Jun 07	Mar 08	166	24	Y		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
SIMULATOR BOOBY TRAP WHISTLING M119 (E50100)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				156						156
Gross Cost				4.0						4.0
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				4.0						4.0
Initial Spares										
Total Proc Cost				4.0						4.0
Flyaway U/C										
Weapon System Proc U/C										

Description:

The M119 Booby Trap Simulator is a hand-emplaced pyrotechnic device that is used to provide realistic battlefield effects in training. It is set using a trip wire or pressure release device and, when triggered, produces a loud whistling noise that simulates an explosive device. This item is code A, approved for service use.

Justification:

This is a training unique item not used in combat. While designed as a training device, soldiers in theater are using this item as an early warning device for perimeter security. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$3.0 million) procures an additional 124,000 simulators in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 1960's

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition		P-1 Line Item Nomenclature: SIMULATOR BOOBY TRAP WHISTLING M119 (E50100)			Weapon System Type:		Date: February 2007		
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASIC APPROPRIATION											
HARDWARE											
Complete Round											
									791	32	25
Subtotal Hardware									791		
PRODUCTION SUPPORT											
Production Engineering											
									223		
Quality Assurance											
									7		
Subtotal Product Support									230		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
Complete Round (Suppl)											
									3000	124	24
Subtotal Supplemental Appropriation									3000		
Total:									4021		26

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 x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition										
		Weapon System Type:	P-1 Line Item Nomenclature: SIMULATOR BOOBY TRAP WHISTLING M119 (E50100)							
FY 2007 BASIC APPROPRIATION										
Complete Round FY 2007	L3 - Bulova Tech Lancaster, PA	C/OPT	Rock Island, IL	Mar 07	Apr 08	32	25	Y		
Complete Round (Suppl) FY 2007 (S)	L3 - Bulova Tech Lancaster, PA	C/OPT	Rock Island, IL	Jun 07	Jul 08	124	24	Y		

REMARKS:

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
Non-Lethal Ammunition, All Types (E91901)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				85.5						85.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				85.5						85.5
Initial Spares										
Total Proc Cost				85.5						85.5
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line item procures Non-Lethal Ammunition, All Types.

FY07 Base Appropriation \$30.0 Million
 FY07 Title IX (Bridge) Appropriation \$ 0.0 Million
 FY07 Main Supplemental Request \$55.5 Million
 FY07 Total \$85.5 Million

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition		P-1 Line Item Nomenclature: Non-Lethal Ammunition, All Types (E91901)			Weapon System Type:		Date: February 2007		
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 BASE APPROPRIATION											
E86500 CTG 12 GA CROWD DISPERSAL M1013									912	154	6
E86400 CTG 12 GA NON-LETH M1012									1642	348	5
E89000 CTG 40MM NON-LETH M1006									3249	133	24
E90400 CTG 40MM CROWD DISPERSAL M1029									1452	63	23
E91800 NON LETHAL CAPABILITY SET (each)									17792	37	480
E84900 GRENADE, STUN, M84									2836	20	141
E85101 FUZE, HND GRN XM240 PRAC f/XM102									938	7	134
E85125 GRN HAND PRAC XM102 NON-LETH									1147	1	1147
Subtotal Base Appropriation									29968		
FY 2007 MAIN SUPPLEMENTAL REQUEST											
E91800 NON LETHAL CAP SET Suppl (ea)									46500	104	447
E92300 GRENADE, ANTI-RIOT, PRACTICE L97									200	1	200
E92400 GRENADE, ANTI-RIOT, IRRITANT L96									8800	43	204
Subtotal Supplemental Appropriation									55500		
Total:									85468		

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
NON LETHAL CAPABILITIES SET (E91800)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				141						141
Gross Cost				64.3						64.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				64.3						64.3
Initial Spares										
Total Proc Cost				64.3						64.3
Flyaway U/C										
Weapon System Proc U/C										

Description:

The Non-Lethal Capabilities Set (NLCS) is used by soldiers in peacekeeping, civil disturbances, and other operations other than war, to provide the friendly force a non-lethal means to temporarily distract/disorient non-combatants. The set includes Soldier Protection Items, non-lethal munitions, training items and other items. The current set is designed to equip a platoon (30 soldiers). All components of this set are code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$46.5 million) procures an additional 104 platoon level Non-Lethal Capabilities Sets for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: VARIOUS - All components are type classified separately.

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: NON LETHAL CAPABILITIES SET (E91800)			Weapon System Type:	Date: February 2007				
AMMO Cost Elements	ID	FY 05			FY 06			FY 07		
	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Sets	\$	\$000	Sets	\$	\$000	Sets	\$
FY 2007 BASE APPROPRIATION										
HARDWARE										
Set Assembly and Pack								555	37	15
Soldier Protective Equipment								5920	37	160
Other Non-Lethal Ammunition								9957		
Subtotal Hardware								16432		
PRODUCTION SUPPORT COSTS										
Production Engineering								1029		
Integrated Logistic Support								200		
Subtotal Production Support								1229		
NONRECURRING COSTS										
Special Tooling and Test Support								131		
Total Nonrecurring costs								131		
FY 2007 MAIN SUPPLEMENTAL REQUEST										
HARDWARE										
Set Assembly and Pack (Suppl)								1570	104	15
Soldier Protective Equipment (Suppl)								16753	104	161
Other Non-Lethal Ammunition (Suppl)								28177		
Subtotal Contingency Operations								46500		
Total:								64292		228

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 Sets	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Set Assembly and Pack FY 2007	Aardvark Azusa, CA	SS/FP	Picatinny, NJ	Jun 07	Dec 07	37	15	Y		
Soldier Protective Equipment FY 2007	Aardvark Azusa, CA	SS/FP	Picatinny, NJ	Jun 07	Nov 07	37	160	Y		
Set Assembly and Pack (Suppl) FY 2007	Aardvark Azusa, CA	OPT/FP	Picatinny, NJ	Aug 07	Mar 08	104	15	Y		
Soldier Protective Equipment (Suppl) FY 2007	Aardvark Azusa, CA	OPT/FP	Picatinny, NJ	Aug 07	Apr 08	104	161	Y		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
NON LETHAL CAPABILITIES SET (E91800)

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	A U G	S E P											
Set Assembly and Pack																																								
1	FY 07	A	37	0	37																																			0
Set Assembly and Pack (Suppl)																																								
1	FY 07 S	A	104	0	104																																		0	
					141																																			
Total																																								
					141																																			

M F R	Name - Location	PRODUCTION RATES			Reached D+	MFR	ADMIN LEAD TIME		MFR After 1 Oct	TOTAL After 1 Oct	REMARKS Supplemental production will take place at the conclusion of the base appropriation buy. Lead times do not apply.
		MIN	1-8-5	MAX			Prior 1 Oct	After 1 Oct			
1	Aardvark, Azusa, CA	1	10	25		1	7	9	6	15	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
GRENADE, DISCHARGER, ANTI-RIOT, PRACTICE, L97E1 (E92300)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				1						1
Gross Cost				0.2						0.2
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				0.2						0.2
Initial Spares										
Total Proc Cost				0.2						0.2
Flyaway U/C										
Weapon System Proc U/C										

Description:

The L97 Anti-Riot Grenade is a training round for the L96 Anti-Riot Grenade - Irritant. It provides non-lethal, riot control, stand-off capability vehicles equipped with 66mm grenade launchers. This enhances the capability of friendly forces to conduct force protection operations without contact with rioting crowds. The L97 deploys cinammic acid smoke to simulate CS (Tear Gas)
This item is Code A, approved for service use

Justification:

This is a training unique item not used in combat. Procurement supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$0.2 million) procures 1,080 L97 practice grenades in support of unforecasted ammunition requirements for the Global War on Terror (GWOT). This requirement supports predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 2004

This is a new start for the Army.

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: GRENADE, DISCHARGER, ANTI-RIOT, PRACTICE, L97E1 (E92300)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID CD	FY 05			FY 06			FY 07		
			Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
COMPLETE L97 GRENADE											
Subtotal Hardware											
PRODUCTION SUPPORT											
PRODUCTION ENGINEERING											
Subtotal Production Support											
Total:											
									140	1	129
									140		
									60		
									60		
									200		200

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: GRENADE, DISCHARGER, ANTI-RIOT, PRACTICE, L97E1 (E92300)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
COMPLETE L97 GRENADE FY 2007 (s)	PW Defense UK	SS/FP	Picatinny, NJ	Jun 07	Jun 08	1	129	Y		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE GRENADE, DISCHARGER, ANTI-RIOT, PRACTICE, L97E1 (E92300)	Date: February 2007
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COST ELEMENTS						Fiscal Year 07												Fiscal Year 08												
M F R	FY	S E R V	PROC QTY x1000	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	

COMPLETE L97 GRENADE

1	FY 07 (s)	A	1	0	1																							1												0	
Total			1		1																								1												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P												

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	PW Defense, UK	1	3	13		1	Initial	6	7	12	19	
							Reorder	6	6	12	18	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
GRENADE, DISCHARGER, ANTI-RIOT, IRRITANT, XL96E1 (E92400)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				43						43
Gross Cost				8.8						8.8
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				8.8						8.8
Initial Spares										
Total Proc Cost				8.8						8.8
Flyaway U/C										
Weapon System Proc U/C										

Description:

The L96 anti-riot Grenade - Irritant provides non-lethal, riot control, stand-off capability vehicles equipped with 66mm grenade launchers. This enhances the capability of friendly forces to conduct force protection operations without contact with rioting crowds. The L96 deploys 23 countermeasure resistant CS (Tear Gas) canisters 65-90 meters from the 66mm grenade launcher. This item is Code A, approved for service use

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$8.8 million) procures 42,900 grenades for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION DATE: 2004

This is a new start for the Army.

Exhibit P-5, Weapon AMMO Cost Analysis		Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition			P-1 Line Item Nomenclature: GRENADE, DISCHARGER, ANTI-RIOT, IRRITANT, XL96E1 (E92400)			Weapon System Type:		Date: February 2007	
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
FY 2007 MAIN SUPPLEMENTAL REQUEST											
HARDWARE											
COMPLETE L97 GRENADE									8008	43	186
Subtotal Hardware									8008		
PRODUCTION SUPPORT											
PRODUCTION ENGINEERING									792		
Subtotal Production Support									792		
Total:									8800		205

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: GRENADE, DISCHARGER, ANTI-RIOT, IRRITANT, XL96E1 (E92400)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY x1000	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
COMPLETE L97 GRENADE FY 2007 (S)	PW Defense UK	SS/FP	Picatinny, NJ	Jun 07	Jun 08	43	186	Y		

REMARKS:

FY 07 / 08 BUDGET PRODUCTION SCHEDULE

P-1 ITEM NOMENCLATURE
 GRENADE, DISCHARGER, ANTI-RIOT, IRRITANT, XL96E1 (E92400) Date: February 2007

COST ELEMENTS						Fiscal Year 07											Fiscal Year 08											Later
M F R	FY	S E R V	PROC QTY x1000	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	

COMPLETE L97 GRENADE																																					
1	FY 07 S	A	43	0	43																										3	3	4	4	29		
Total			43		43																																

						O C T	N O V	D E C	J A N	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	PW Defense, UK	3	8	13	1	Initial	6	9	
						Reorder	6	6	12	18	
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					
						Initial					
						Reorder					

FY 09 / 10 BUDGET PRODUCTION SCHEDULE	P-1 ITEM NOMENCLATURE GRENADE, DISCHARGER, ANTI-RIOT, IRRITANT, XL96E1 (E92400)	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 x1000	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	

COMPLETE L97 GRENADE																															
1	FY 07 S	A	43	14	29	4	4	4	4	4	4	4	4	1																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			43	14	29	4	4	4	4	4	4	4	4	1																	

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	PW Defense, UK	3	8	13		1	Initial	6	9	12	21	
							Reorder	6	6	12	18	
							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 Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
ITEMS LESS THAN \$5 MILLION (EA0055)

Program Elements for Code B Items:

Code:

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty										
Gross Cost				15.5						15.5
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				15.5						15.5
Initial Spares										
Total Proc Cost				15.5						15.5
Flyaway U/C										
Weapon System Proc U/C										

Description:

This budget line includes Miscellaneous Ammunition Items Under \$5 million.

FY 2007 Base Appropriation - \$5.5 million
 FY 2007 Title IX (Bridge)Appropriation - \$0.0 million
 FY 2007 Main Supplemental Request- \$10.0 million
 FY 2007 Total- \$15.5 million

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: ITEMS LESS THAN \$5 MILLION (EA0055)			Weapon System Type:	Date: February 2007					
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	x1000	\$	\$000	x1000	\$	\$000	x1000	\$
CTG 12 GAUGE #9 SHOT									5		
CTG 12 GAUGE BREACHING ROUND									673	186	3.62
CTG 10 GAUGE BLANK									5		
CTG 12 GAUGE SHOTGUN 00 BUCKSHOT									10		
CTG CAL .22 LR MATCH F/PISTOL									278	1457	0.19
CTG .30 CAL BLANK									531	1767	0.30
AMMUNITION PROGRAM SUPPORT									1795		
USAMTU FT BENNING									346		
RIFLE LAUNCHED ENTRY MUNITION (Eaches)									10314	24645	418.50
SPECIAL TRAINING AMMO									1035		
EOD ITEMS FOR PAN DISRUPTER									479		
Total:									15471		0.55

Exhibit P-40, Budget Item Justification Sheet

Date: February 2007

Appropriation / Budget Activity / Serial No:
Procurement of Ammunition, Army / 1 / Ammunition

P-1 Item Nomenclature
GRENADE RIFLE ENTRY MUNITION, M100 (E93500)

Program Elements for Code B Items:

Code:
A

Other Related Program Elements:

	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Complete	Total Prog
Proc Qty				24645						24645
Gross Cost				10.3						10.3
Less PY Adv Proc										
Plus CY Adv Proc										
Net Proc P1				10.3						10.3
Initial Spares										
Total Proc Cost				10.3						10.3
Flyaway U/C										
Weapon System Proc U/C										

Description:

Grenade Rifle Entry Munition (GREM) is a lightweight, muzzle-launched, breaching munition fired from M16 series Rifles or M4 series Carbines using standard M855 or M856 ammunition. It is fired at a distance of 15 to 40 meters, arming at approximately 15 meters, to breach locked doors or windows with minimal hazard to operator. Overpressure caused by explosion will cause breaching of either wood or metal clad exterior doors. The GREM provides friendly forces the necessary capability to gain access into sealed buildings during urban operations from a safe distance, without risk to enemy fire. This item is Code A, approved for service use.

Justification:

This is a training standard item used in both training and combat. Procurement supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2007 Supplemental (\$10.0 million) procures an additional seven thousand tactical GREMs and 18 thousand training kits for the Global War on Terror (GWOT). This requirement is based on operational expenditures and supports approved Army ammunition war-fight requirements as well as predeployment training for units preparing for combat operations.

TYPE CLASSIFICATION (TC) DATE: JUN 2002

Exhibit P-5, Weapon AMMO Cost Analysis	Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army / 1 / Ammunition	P-1 Line Item Nomenclature: GRENADE RIFLE ENTRY MUNITION, M100 (E93500)			Weapon System Type:	Date: February 2007					
AMMO Cost Elements		ID	FY 05			FY 06			FY 07		
		CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2007 BASE APPROPRIATION											
PRODUCTION SUPPORT COSTS											
Production Engineering											
314											
SubTotal Prod Support											
314											
FY 2007 MAIN SUPPLEMENTAL REQUEST											
AMMUNITION HARDWARWARE											
Grenade Rifle Entry Munition (GREM)											
7233											
7144											
1.012											
Training Kits											
2411											
17501											
0.138											
SubTotal AMMO Hardware											
9644											
Acceptance Testing											
356											
Sob Total Prod Support											
10314											
Total:											
10314											
0.418											

Exhibit P-5a, Budget Procurement History and Planning

Date:
February 2007

Appropriation/Budget Activity/Serial No: Procurement of Ammunition, Army/ 1/ Ammunition		Weapon System Type:	P-1 Line Item Nomenclature: GRENADE RIFLE ENTRY MUNITION, M100 (E93500)							
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 2007 MAIN SUPPLEMENTAL REQUEST FY 2007 Supp	Rafael Armament Development Haifa, Israel	SS/FP	Picatunny Arsenal	Jun 07	Jun 08	24645	0.418	Y		

REMARKS:

FY 09 / 10 BUDGET PRODUCTION SCHEDULE												P-1 ITEM NOMENCLATURE GRENADE RIFLE ENTRY MUNITION, M100 (E93500)										Date: February 2007			
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---------------------	--	--	--

COST ELEMENTS						Fiscal Year 09												Fiscal Year 10												Later
MFR	FY	S E R V	PROC QTY x1000	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	
Grenade Rifle Entry Munition (GREM)																														
1	FY 07 S	A	24.6	9.7	15.0	2.5	2.5	2.5	2.5	2.5	2.5																	0.0		
Total						24.6	9.7	15.0	2.5	2.5	2.5	2.5	2.5	2.5																
						O C T	N O V	D E C	J A N	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	Rafael Armament Development, Haifa, Israel	0.5	0.5	2.5		1	Initial	6	7	12	19	
							Reorder	0	9	12	21	
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					
							Initial					
							Reorder					