

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE



PROCUREMENT PROGRAM

**FISCAL YEAR (FY) 2010
BUDGET ESTIMATES**

PROCUREMENT OF AMMUNITION

SUBMITTED TO CONGRESS MAY 2009

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DEPARTMENT OF THE AIR FORCE
 PROCUREMENT OF AMMUNITION ESTIMATES
 FOR FISCAL YEAR 2010

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PROCUREMENT OF AMMUNITION, AF

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IDENTIFICATION CODES

Code “A” - Line items of material which have been approved for Air Force service use.

Code “B” - Line items of material that have not been approved for Service use

GLOSSARY

Contract Method

ALLOT - Allotment

C - Competitive

DO - Delivery Order

FCA - Fund Cite Authorization

MIPR - Military Interdepartmental Purchase Request

OA - Obligation Authority

OPT - Option

OTH - Other

PO - Project Order

REQN - Requisition

SS - Sole Source

WP - Work Project

MIPR-OPT - Military Interdepartmental Purchase Request - Option

MIPR-C - Military Interdepartmental Purchase Request - Competitive

MIPR-SS - Military Interdepartmental Purchase Request - Sole Source

MIPR-OTH - Military Interdepartmental Purchase Request - Other

Contract Type

FP - Fixed Price
FFP - Firm Fixed Price
FPIS - Fixed Price Incentive with Successive Targets
FPAF - Fixed Price Award Fee
FPE - Fixed Price with Escalation
FPIF - Fixed Price Incentive Fee
CPAF - Cost Plus Award Fee
CPFF - Cost Plus Fixed Fee
CPIF - Cost Plus Incentive Fee
ID/IQ - Indefinite Delivery/Indefinite Quantity
M-5 (Yr 1) - Multiyear, 5 years (Yr 1)
M-5 (Yr 2) - Multiyear, 5 years (Yr 2)
M-5 (Yr 3) - Multiyear, 5 years (Yr 3)
M-5 (Yr 4) - Multiyear, 5 years (Yr 4)
M-5 (Yr 5) - Multiyear, 5 years (Yr 5)
OTH - Other

Contracted By

11 WING - 11th Support Wing, Washington, DC
ACC - Air Combat Command, Langley AFB, VA
AEDC - Arnold Engineering Development Center, Arnold AFB, TN
AAC - Air Armament Center, Eglin AFB, FL
AEDC - Arnold Engineering Development Center, Arnold AFB, TN
AETC - Air Education and Training Command, Randolph AFB, TX
AFCIC - Air Force Communications and Information Center, Washington, DC
AFCESA - Air Force Civil Engineering Support Agency, Tyndall AFB, FL

AFFTC - Air Force Flight Test Center, Edwards AFB, CA
AFMC - Air Force Materiel Command, Wright-Patterson AFB, OH
AFMETCAL - Air Force Metrology and Calibration Office, Heath, Ohio
AFMLO - Air Force Medical Logistics Office, Ft Detrick, MD
AIA - Air Intelligence Agency, Kelly AFB, TX
AMC - Air Mobility Command, Scott AFB, IL
ASC - Aeronautical Systems Center, Wright-Patterson AFB, OH & Eglin AFB, FL
AFWA - Air Force Weather Agency, Offutt AFB, NE
DGSC - Defense General Support Center, Richmond, VA
DPSC - Defense Personnel Support Center, Philadelphia, PA
ER - Eastern Range, Patrick AFB, FL
ESC - Electronic Systems Center, Hanscom AFB, MA
HSC - Human Services Center, Brook AFB, TX
OC-ALC - Oklahoma City Air Logistics Center, Tinker AFB, OK
OO-ALC - Ogden Air Logistics Center, Hill AFB, UT
SMC - Space & Missile Systems Center, Los Angeles AFB, CA
US STRATCOM - US Strategic Command, Offutt AFB, NE
WACC - Washington Area Contracting Center, Washington DC
WR - Western Range, Vandenberg AFB, CA
WR-ALC - Warner-Robins Air Logistics Center, Robins AFB, GA
AFSPC - Air Force Space Command, Peterson AFB, CO
HQ ANG - Headquarters, Air National Guard, Washington, DC
USAFE - United States Air Force Europe, Ramstein AB, GE
USAFA - United States Air Force Academy, Colorado Springs, CO
SSG - Standard Systems Group, Maxwell AFB-Gunter Annex, AL

Bases/Organizations

11 WING - 11th Support Wing
ACC - Air Combat Command

AETC - Air Education & Training Command
AFCAO - Air Force Computer Acquisition Office
AFCESA - Air Force Civil Engineering Support Agency
AFCIC - AF Communications & Information Center
AFCSC - Air Force Cryptologic Service Center
AFESC - Air Force Engineering Services Center
AFGWC - Air Force Global Weather Central
AFIT - Air Force Institute of Technology
AFMC - Air Force Materiel Command
AFMETCAL - Air Force Metrology and Calibration Office
AFMLO - Air Force Medical Logistics Office
AFNEWS - Air Force Information & News Service Center
AFOSI - Air Force Office of Special Investigation
AFOTEC - Air Force Operational Test & Evaluation Center
AFPC - Air Force Personnel Center
AFPSL - AF Primary Standards Lab
AFR - Air Force Reserve
AFSOC - AF Special Operations Command
AFSPC - Air Force Space Command
AIA - Air Intelligence Agency
AMC - Air Mobility Command
ANG - Air National Guard
AU - Air University
AWS - Air Weather Service
CIA - Central Intelligence Agency
DGSC - Defense General Support Center
DLA - Defense Logistics Center
DOE - Department of Energy
DSCC - Defense Supply Center, Columbus
DPSC - Defense Personnel Support Center

ER - Eastern Range
ESC - Electronic Systems Center
FAA - Federal Aviation Agency
FBI - Federal Bureau of Investigation
GSA - General Services Administration
JCS - Joint Chiefs of Staff
JCS - Johnson Space Center
NATO - North Atlantic Treaty Organization
NBS - National Bureau of Standards
PACAF - Pacific Air Forces
USAF - United States Air Force
USAFA - United States Air Force Academy
USAFE - United States Air Force Europe
USCENTCOM - United States Central Command
USEUCOM - United States European Command
USMC - United States Marine Corps
USSTRATCOM - United States Strategic Command
WPAFB - Wright-Patterson AFB, OH
WR - Western Range

APPROPRIATION LANGUAGE

PROCUREMENT OF AMMUNITION, AIR FORCE

For construction, procurement, production, and modification of ammunition, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities authorized by section 2854 of title 10, United States Code, and the land necessary therefor, for the foregoing purposes, and such lands and interests therein, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$822,462,000 to remain available for obligation until September 30, 2012.

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3011F Procurement of Ammunition, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
BUDGET ACTIVITY 01: Procurement of Ammo, Air Force									
ROCKETS									
1	ROCKETS	A		18.1		25.0		43.5	U
CARTRIDGES									
2	CARTRIDGES	A		191.7		150.8		123.9	U
BOMBS									
3	PRACTICE BOMBS	A		25.9		24.5		52.5	U
4	GENERAL PURPOSE BOMBS	A		147.8		135.0		225.1	U
5	JOINT DIRECT ATTACK MUNITION	A	4312	124.1	3589	105.4	3592	103.0	U
FLARE, IR MJU-7B									
6	CAD/PAD	A		33.6		38.1		40.5	U
7	EXPLOSIVE ORDINANCE DISPOSAL (EOD)	A		3.2		3.2		3.3	U
8	SPARES AND REPAIR PARTS	A		3.8		4.6		4.6	U
9	MODIFICATIONS	A		.9		1.2		1.3	U
10	ITEMS LESS THAN \$5,000,000	A		15.3		2.5		5.1	U
FUZES									
11	FLARES	A		271.4		286.5		152.5	U
12	FUZES	A		70.8		71.9		61.0	U
TOTAL Procurement of Ammo, Air Force				906.6		848.8		816.3	

Exhibit P-1: Total (Direct and Supplementals), as of May 5, 2009 at 12:40:13

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Department of the Air Force
 FY 2010/2011 President's Budget
 Exhibit P-1
 (Dollars in Millions)

APPROPRIATION: 3011F Procurement of Ammunition, Air Force

DATE: 05 MAY 2009

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2008		FY 2009		FY 2010		S E C
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
BUDGET ACTIVITY 02: Weapons									
SMALL ARMS									
13	SMALL ARMS	A		31.7		8.1		6.2	U
TOTAL Weapons				31.7		8.1		6.2	
TOTAL Procurement of Ammunition, Air Force				938.4		856.9		822.5	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009													
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (OVERVIEW)																
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015												
QUANTITY																				
COST (in Thousands)	\$18,064	\$25,029	\$43,461																	
<p>Description:</p> <p>FY2009 funding totals do not include \$5.600M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$3.488M requested for Overseas Contingency Operations.</p> <p>The Air Force primarily uses rockets to mark target locations for other aircraft during combat and training operations. Rockets constitute the primary target marking munition used by forward air control aircraft, which launch this munition from reusable pods carried on aircraft pylons. The 2.75-inch diameter rocket with folding fins utilizes high explosive, white phosphorous, or target practice warheads, and is fired from either high or low speed aircraft. Three versions of the 2.75-inch rocket motor are in use: MK 4, MK 40, and MK 66.</p> <p>Increased funding beginning in FY2010 supports an increase in total requirements, replacement of an aging stockpile and an increase in unit prices due to new contract awards.</p> <p>Projected Test and Training Allocations for Reserve Component Requirements (subject to Total Force demand and priority)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">\$M</th> <th style="text-align: center; padding: 5px;">FY2008</th> <th style="text-align: center; padding: 5px;">FY2009</th> <th style="text-align: center; padding: 5px;">FY2010</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">ANG:</td> <td style="text-align: center; padding: 5px;">\$0.200</td> <td style="text-align: center; padding: 5px;">\$0.326</td> <td style="text-align: center; padding: 5px;">\$0.124</td> </tr> <tr> <td style="padding: 5px;">Reserve:</td> <td style="text-align: center; padding: 5px;">\$0.700</td> <td style="text-align: center; padding: 5px;">\$1.141</td> <td style="text-align: center; padding: 5px;">\$0.433</td> </tr> </tbody> </table> <p>The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel Munitions and Test and Training stockpiles. Active, Guard and Reserve components draw from the WRM stockpiles as required and receive Test and Training allocations annually based on current-year requirements.</p> <p>Items requested in FY2010 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>									\$M	FY2008	FY2009	FY2010	ANG:	\$0.200	\$0.326	\$0.124	Reserve:	\$0.700	\$1.141	\$0.433
\$M	FY2008	FY2009	FY2010																	
ANG:	\$0.200	\$0.326	\$0.124																	
Reserve:	\$0.700	\$1.141	\$0.433																	
	P-1 ITEM NO 1		PAGE NO: 1		Page 1 of 1															

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
2.75 INCH ROCKET MOTOR (HA07)	A	5,607	\$2,506	18,005	\$8,386	20,677	\$11,168		
2.75 INCH ILLUM (H812)	A	5,073	\$5,967	4,086	\$5,426	4,631	\$6,491		
2.75 INCH WARHEAD WHITE PHOSPHOROUS (H855)	A	8,570	\$2,723	15,168	\$5,937	47,909	\$20,149		
ITEMS LESS THAN 5 MILLION	A		\$6,868		\$5,280		\$5,653		
TOTALS:			\$18,064		\$25,029		\$43,461		

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 1		PAGE NO: 2		Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 IN ROCKET MOTOR - HA07)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$2,506	\$8,386	\$11,168					
<p>Description:</p> <p>FY2009 funding totals do not include \$3.540M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$2.163M requested for Overseas Contingency Operations.</p> <p>The 2.75 Inch Rocket Motor is a single-stage, solid grained rocket motor used to propel 2.75 Inch Illum Warhead (H812), 2.75 Inch Rocket Flares (HA06), 2.75 Inch WP Warhead (H855), and 2.75 Inch Signature Practice Warhead (H872) to their targets. The 2.75 Inch Rocket is used primarily to mark target locations for other aircraft.</p> <p>This item is procured through the U.S. Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama.</p> <p>Items requested in FY2010 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 1		PAGE NO: 3		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 IN ROCKET MOTOR - HA07)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
2.75 ROCKET MOTOR MK66 MOD 4	A	5,607	\$430	\$2,412	18,005	\$450	\$8,106	20,677	\$524	\$10,832			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING				\$94			\$280			\$335			
TOTALS:		5,607		\$2,506	18,005		\$8,386	20,677		\$11,168			

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 1		PAGE NO: 4	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 IN ROCKET MOTOR - HA07)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
2.75 ROCKET MOTOR MK66 MOD 4(2)										
FY2008(1)	5,607	\$430	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ARMY/GDATP/ BURLINGTON, VT	Mar-08	Jan-09			
FY2009(1)	18,005	\$450	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ARMY/GDATP/ BURLINGTON, VT	Mar-09	Jul-11			
FY2010(2)	20,677	\$524	AFMC/OO-ALC	MIPR/IDIQ	ARMY/UNKNOWN	Mar-10	Jul-12	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>Production facility is used by other DOD agencies and other products.</p> <p>(1) FY2008-2009 contracts are options off an FY2005 basic contract. (2) FY2010 will procure through the U.S. Army Missile Command, Joint Attack Munitions System (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama on a new 4 year FFP/IDIQ contact. Unit prices are estimated by the JAMS project office and based on previous contract pricing.</p>										
	P-1 ITEM NO 1			PAGE NO: 5				Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 INCH ILLUM - H812)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$5,967	\$5,426	\$6,491					
<p>Description:</p> <p>FY2009 funding totals do not include \$0.820M requested for Overseas Contingency Operations.</p> <p>The 2.75 inch illumination (H812) warhead mates to the 2.75 inch rocket motor (HA07) and deploys a visible spectrum flare that is attached to a parachute for paced descent. This warhead provides standoff capability during night operations when/where target illumination is required. The asset supports Forward Air Control operations.</p> <p>This item is procured through the U.S. Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama.</p> <p>Items requested in FY2010 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 1		PAGE NO: 6		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 INCH ILLUM - H812)
--	--

WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
ROCKETS (2.75 INCH ILLUM - H812)													
2.75 INCH ILLUM - H812 (1-2)	A	5,073	\$1,142	\$5,793	4,086	\$1,304	\$5,328	4,631	\$1,360	\$6,296			
PRODUCTION SUPPORT													
PRODUCTION MANAGEMENT SUPPORT				\$173			\$98			\$195			
TOTALS:		5,073		\$5,967	4,086		\$5,426	4,631		\$6,491			

Remarks:
 Total Cost information is in thousands of dollars.

(1) In FY2008 total procurement (AF & Army) was \$10.175M.
 (2) In FY2009, the Army is not buying this rocket flare.

	P-1 ITEM NO 1		PAGE NO: 7	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 INCH ILLUM - H812)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
ROCKETS (2.75 INCH ILLUM - H812)										
2.75 INCH ILLUM - H812										
FY2008(1)	5,073	\$1,142	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ARMY / GENERAL DYNAMIC ARMAMENT/ BURLINGTON, VT	Mar-08	Oct-09			
FY2009(1)	4,086	\$1,304	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ARMY / GENERAL DYNAMIC ARMAMENT/ BURLINGTON, VT	Mar-09	Feb-11			
FY2010(2)	4,631	\$1,360	AFMC/OO-ALC	MIPR/IDIQ	ARMY/UNKNOWN	Mar-10	Sep-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>Production facility is used by other DOD agencies and other products.</p> <p>(1) FY2008-2009 contracts are options off an FY2005 basic contract. (2) FY2010 will be a new basic contract with at least 4 option years.</p>										
			P-1 ITEM NO 1				PAGE NO: 8	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 WHD WP SMOKE - H855)					
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	
QUANTITY									
COST (in Thousands)	\$2,723	\$5,937	\$20,149						
<p>Description:</p> <p>FY2009 funding totals do not include \$0.800M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$1.325M requested for Overseas Contingency Operations.</p> <p>The 2.75 inch White Phosphorus War Head (H855), used with the 2.75 inch Rocket Motor (HA07), provides forward air control aircraft with target locations from a standoff distance in a hostile environment.</p> <p>This item is procured through the U.S. Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama.</p> <p>Items requested in FY2010 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>									
	P-1 ITEM NO 1		PAGE NO: 9		Page 1 of 1				

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 WHD WP SMOKE - H855)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
ROCKETS (2.75 WHD WP SMOKE - H855)													
2.75 WHD WP SMOKE	A	8,570	\$306	\$2,621	15,168	\$374	\$5,677	47,909	\$408	\$19,544			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING				\$102			\$260			\$604			
TOTALS:		8,570		\$2,723	15,168		\$5,937	47,909		\$20,149			

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 1		PAGE NO: 10	Page 1 of 1
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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 WHD WP SMOKE - H855)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
ROCKETS (2.75 WHD WP SMOKE - H855)										
2.75 WHD WP SMOKE										
FY2008(1)	8,570	\$306	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GENERAL DYNAMICS ARMAMENT/ BURLINGTON, VT	Aug-08	Mar-10			
FY2009(1)	15,168	\$374	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GENERAL DYNAMICS ARMAMENT/ BURLINGTON, VT	Mar-09	Mar-11			
FY2010(2)	47,909	\$408	AFMC/OO-ALC	MIPR/IDIQ	ARMY/UNKNOWN	Mar-10	Mar-12	Yes		
<p>Remarks:</p> <p>Cost information is in actual dollars.</p> <p>Production facility is used by other DOD agencies to produce other munition items.</p> <p>(1) FY2008-FY2009 contracts are options off an FY2005 basic contract.</p> <p>(2) FY2010 will be a new basic contract with at least 4 option years.</p>										
P-1 ITEM NO 1			PAGE NO: 11			Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$6,868	\$5,280	\$5,653					
<p>Description:</p> <p>FY2009 funding totals do not include \$0.440M requested for Overseas Contingency Operations.</p> <p>All items have an annual procurement value of less than \$5,000,000 and are Code A.</p> <p>These items are procured through the U.S Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama.</p> <p>Items requested in FY2010 are identified on the following P-40A-IL and are representative of items to be procured. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 1		PAGE NO: 12			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
2.75 FLARE IR (HA06)		3,009	\$4,152		
LAUNCHER, LAU-131A F/2.75 RKT (H149)	1340012305317	174	\$1,500		
TOTALS:			\$5,653		

Remarks:

Cost information is in thousands of dollars.

	P-1 ITEM NO 1		PAGE NO: 13	Page 1 of 1
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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: MAY 2009														
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)																
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015												
QUANTITY																				
COST (in Thousands)	\$191,714	\$150,770	\$123,886																	
<p>Description:</p> <p>FY2008 funding totals include \$31.289M of appropriated supplemental funding. FY2009 funding totals do not include \$21.884M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$39.236M requested for Overseas Contingency Operations.</p> <p>The items within this category include various bullets, expulsion devices (impulse cartridges) and airborne counter measures used to support training qualification and war reserve requirements. Impulse cartridges are used to expel an asset from its mating system (an adapter rack or casing).</p> <p>Projected Test and Training Allocations for Reserve Component Requirements (subject to Total Force demand and priority)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">\$M</th> <th style="text-align: center; padding: 5px;">FY2008</th> <th style="text-align: center; padding: 5px;">FY2009</th> <th style="text-align: center; padding: 5px;">FY2010</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">ANG:</td> <td style="text-align: center; padding: 5px;">\$23.100</td> <td style="text-align: center; padding: 5px;">\$17.819</td> <td style="text-align: center; padding: 5px;">\$18.556</td> </tr> <tr> <td style="padding: 5px;">Reserve:</td> <td style="text-align: center; padding: 5px;">\$13.800</td> <td style="text-align: center; padding: 5px;">\$10.645</td> <td style="text-align: center; padding: 5px;">\$11.085</td> </tr> </tbody> </table> <p>The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel Munitions and Test and Training stockpiles. Active, Guard and Reserve components draw from the WRM stockpiles as required and receive Test and Training allocations annually based on current-year requirements.</p> <p>Representative items requested in FY2010 are identified on the following P-40A. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>									\$M	FY2008	FY2009	FY2010	ANG:	\$23.100	\$17.819	\$18.556	Reserve:	\$13.800	\$10.645	\$11.085
\$M	FY2008	FY2009	FY2010																	
ANG:	\$23.100	\$17.819	\$18.556																	
Reserve:	\$13.800	\$10.645	\$11.085																	
	P-1 ITEM NO 2		PAGE NO: 14		Page 1 of 1															

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
CARTRIDGES (OVERVIEW)									
20MM PGU-28/B SEMI-AP-HEI (AA22)	A	581,034	\$11,927	830,975	\$12,111	286,158	\$7,815		
20MM TP PGU-27 (AA24)	A	1,628,693	\$19,000	2,906,724	\$16,755	793,950	\$9,985		
5.56MM FRANGIBLE (AA40)	A	7,142,857	\$3,000	11,395,348	\$4,900	22,111,627	\$9,508		
30MM HEI PGU-13/B (B104)	A					259,727	\$13,813		
30MM PGU-15/B (B116)	A	3,435,149	\$50,877	2,605,051	\$42,445	1,851,270	\$34,591		
ITEMS LESS THAN 5 MILLION DOLLARS	A		\$106,910		\$74,559		\$48,174		
TOTALS:			\$191,714		\$150,770		\$123,886		

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 2		PAGE NO: 15	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (20MM PGU-28A/B SEMI-AP-HEI - AA22)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$11,927	\$12,111	\$7,815					
<p>Description:</p> <p>FY2010 funding totals do not include \$0.447M requested for Overseas Contingency Operations.</p> <p>The 20MM PGU-28A/B round is used for air-to-air and air-to-ground targets in the M61 gun system for F-15 & F-16 aircraft. This ammunition is used by both the Air Force and Navy for combat use only.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 2		PAGE NO: 16		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (20MM PGU-28A/B SEMI-AP-HEI - AA22)
--	--

WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
20MM PGU-28/B SEMI-AP-HEI - AA22	A	581,034	\$20	{\$11,754}	830,975	\$15	{\$12,093}	286,158	\$27	{\$7,802}			
LOAD, ASSEMBLE, PACK		581,034	\$20	\$11,664	830,975	\$14	\$11,958	286,158	\$27	\$7,758			
BOX METAL M548		2,383	\$30	\$71	3,407	\$30	\$103	1,131	\$32	\$36			
PALLET MK3-0		117	\$160	\$19	167	\$194	\$32	48	\$176	\$8			
PRODUCTION SUPPORT				{\$173}			{\$18}			{\$13}			
QUALITY ASSURANCE				\$22			\$18			\$13			
ACCEPTANCE TESTING				\$151									
TOTALS:		581,034		\$11,927	830,975		\$12,111	286,158		\$7,815			

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 2		PAGE NO: 17	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (20MM PGU-28A/B SEMI-AP-HEI - AA22)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
20MM PGU-28/B SEMI-AP-HEI - AA22										
FY2008(1)	581,034	\$20	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/GD-OTS/MARION, IL/ ATK/ ANOKA, MN	Sep-08	May-09			
FY2009(2)	830,975	\$15	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GD-OTS/MARION, IL/ ATK/ ANOKA, MN	Mar-09	Mar-10			
FY2010(3)	286,158	\$27	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GD-OTS/MARION, IL/ ATK/ ANOKA, MN	Mar-10	Mar-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 is a new Basic contract, split between General Dynamicx Ordnance and Tactical Services (GD-OTS) and Alliant Techsystems Inc (ATK) with at least 4 option years. Each year when the options are exercised, contracts will be awarded/split between the two vendors based on past performance.</p> <p>(2) FY2009 procurement is an option of the FY2008 Basic contract.</p> <p>(3) FY2010 procurement is an option of the FY2008 Basic contract.</p>										
			P-1 ITEM NO 2			PAGE NO: 18				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (20 MM TP PGU-27A/B - AA24)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$19,000	\$16,755	\$9,985					
<p>Description:</p> <p>FY2010 funding totals do not include \$0.472M requested for Overseas Contingency Operations.</p> <p>The 20MM target practice (TP) round is used for air-to-air and air-to-ground training in the M61 aircraft gun on F-15, F-16 and F-22A aircraft. The Air Force procures various links, linking methods, and mixtures of target practice and target practice tracer ammunition depending on the specific requirement of the system and the training program. The cartridge is electrically primed and has no fuze. The 20MM projectile is a solid slug sized to match the ballistics of the 20MM combat round. The 20MM cartridge is the primary ammunition used in aircraft gun systems by the Air Force and Navy. The Air Force procures the PGU-27 TP round to provide a training capability to complement the PGU-28 high explosive incendiary combat round and ensure training is consistent with combat operations.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA) and Engineering Support Costs are provided to the Navy.</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 2		PAGE NO: 19		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (20 MM TP PGU-27A/B - AA24)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
20MMTP	A	1,628,693	\$12	{\$18,831}	2,906,724	\$6	{\$16,734}	793,950	\$13	{\$9,971}			
LOAD, ASSEMBLE, PACK		1,628,693	\$11	\$18,579	2,906,724	\$6	\$16,336	793,950	\$12	\$9,845			
BOX METAL M548		6,678	\$30	\$199	11,626	\$30	\$352	3,175	\$32	\$100			
PALLET MK3-0		326	\$160	\$52	242	\$194	\$47	143	\$176	\$25			
PRODUCTION SUPPORT				{\$169}			{\$20}			{\$14}			
QUALITY ASSURANCE				\$27			\$20			\$14			
ACCEPTANCE TESTING				\$142									
TOTALS:		1,628,693		\$19,000	2,906,724		\$16,755	793,950		\$9,985			

Remarks:
Total Cost information is in thousands of dollars.

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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (20 MM TP PGU-27A/B - AA24)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
20MM TP										
FY2008(1)	1,628,693	\$12	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/GD-OTS/MARION, IL/ ATK/ ANOKA, MN	Sep-08	Jun-09			
FY2009(2)	2,906,724	\$6	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GD-OTS/MARION, IL/ ATK/ ANOKA, MN	Mar-09	Mar-10			
FY2010(3)	793,950	\$13	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GD-OTS/MARION, IL/ ATK/ ANOKA, MN	Mar-10	Mar-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 is a new Basic contract, split between General Dynamicx Ordnance and Tactical Services (GD-OTS) and Alliant Techsystems Inc (ATK) with at least 4 option years. Each year when the options are exercised, contracts will be awarded/split between the two vendors based on past performance.</p> <p>(2) FY2009 procurement is an option of the FY2008 Basic Contract.</p> <p>(3) FY2010 procurement is an option of the FY2008 Basic Contract.</p>										
P-1 ITEM NO 2			PAGE NO: 21			Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (5.56 FRANG - AA40)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$3,000	\$4,900	\$9,508					
<p>Description:</p> <p>FY2009 funding totals do not include \$4.900M requested for Overseas Contingency Operations.</p> <p>The 5.56mm frangible consists of a lead-free small rifle primer in a brass cartridge case. These cartridges are used for training only and are more environmentally friendly than standard 5.56 ball cartridges. The case is made of reusable/recyclable brass, which is the same as 5.56mm ball ammunition. The 5.56mm frangible cartridges are used in M16-series rifles, which include M4 rifles.</p> <p>The Air Force procures this item through the Navy.</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (5.56 FRANG - AA40)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
5.56 FRANG (AA40)	A	7,142,857	\$3,000	11,395,348	\$4,900	22,111,627	\$9,508		
TOTALS:		7,142,857	\$3,000	11,395,348	\$4,900	22,111,627	\$9,508		

Remarks:
Cost information is in thousands of dollars.

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (5.56 FRANG - AA40)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
5.56 FRANG (AA40)										
FY2008(1)	7,142,857		AFMC/OO-ALC	MIPR/OPT/IDIQ	NAVY/WINCHESTER/ EAST ALTON, IL	Mar-08	Sep-09			
FY2009(1)	11,395,348		AFMC/OO-ALC	MIPR/OPT/IDIQ	NAVY/WINCHESTER/ EAST ALTON, IL	Jun-09	Sep-10	Yes		
FY2010(1)	22,111,627		AFMC/OO-ALC	MIPR/OPT/IDIQ	NAVY/WINCHESTER/ EAST ALTON, IL	Mar-10	Sep-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Contract has an FY2006 base year with 4 option years.</p>										
			P-1 ITEM NO 2			PAGE NO: 24	Page 1 of 1			

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30MM HEI PGU-13/B B104)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$0	\$13,813					
<p>Description:</p> <p>FY2010 funding totals do not include \$18.102M requested for Overseas Contingency Operations.</p> <p>The 30MM HEI PGU-13/B is a High Explosive Incendiary (HEI) round that is used with the GAU-8/A cannon on the A-10 aircraft. This round contains an explosive material that is used against light armor and personnel.</p> <p>This item is procured through the Single Manager for Conventional Ammunition (SMCA)</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 2		PAGE NO: 25		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (30MM HEI PGU-13/B B104)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
CARTRIDGES (30MM HEI PGU-13/B B104)													
30MM HEI PGU-13/B	A							259,727	\$53	{\$13,767}			
LOAD, ASSEMBLE, PACK (LAP)								259,727	\$50	\$12,980			
CONTAINER CNU-332E								451	\$1,364	\$615			
TUBE AND STRAP ASSEMBLY F/30MM								451	\$381	\$172			
PRODUCTION SUPPORT													
QUALITY ASSURANCE										\$18			
ACCEPTANCE TESTING										\$28			
TOTALS:								259,727		\$13,813			

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 2		PAGE NO: 26	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30MM HEI PGU-13/B B104)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
CARTRIDGES (30MM HEI PGU-13/B B104)										
30MM HEI PGU-13/B										
FY2010(1)	259,727	\$53	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/UNKNOWN	Mar-10	Mar-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2010 procurement will be an option of the FY2009 Basic contract.</p>										
P-1 ITEM NO 2			PAGE NO: 27			Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B - B116)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$50,877	\$42,445	\$34,591					
<p>Description:</p> <p>FY2009 funding totals do not include \$9.562M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$8.818M requested for Overseas Contingency Operations.</p> <p>The 30MM Target Practice (TP) cartridge is a solid, inert projectile used to train aircrew in the use of the GAU-8/A cannon on the A-10 aircraft. The cartridge is mechanically primed and has no fuze, while the projectile is a solid slug designed to match the ballistics of high explosive incendiary and armor piercing incendiary cartridges.</p> <p>This item is procured through the Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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UNCLASSIFIED

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B - B116)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
30MMTP	A	3,435,149	\$14.74	{\$50,632}	2,605,051	\$16.28	{\$42,420}	1,851,270	\$18.56	{\$34,364}			
LOAD,ASSEMBLE,PACK		3,435,149	\$13.87	\$47,648	2,605,051	\$14.43	\$37,579	1,851,270	\$17.68	\$32,730			
CONTAINER CNU-332E		5,974	\$139.99	\$836	4,625	\$679.27	\$3,142	3,225	\$126.11	\$407			
TUBE AND STRAP ASSEMBLY		5,974	\$359.58	\$2,148	4,625	\$367.39	\$1,699	3,225	\$380.50	\$1,227			
PRODUCTION SUPPORT													
QUALITY ASSURANCE				\$45			\$25			\$17			
ACCEPTANCE TESTING				\$200						\$210			
TOTALS:		3,435,149		\$50,877	2,605,051		\$42,445	1,851,270		\$34,591			

Remarks:
Total Cost information is in thousands of dollars.

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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B - B116)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
30MM TP										
FY2008(1)	3,435,149	\$14.74	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GD-OTS/MARIAN, IL/ ALLIANT TECH/ MN	Jan-08	Jan-09			
FY2009(1)	2,605,051	\$16.28	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GD-OTS/MARIAN, IL/ ALLIANT TECH/ MN	Jan-09	Jan-10			
FY2010(1)	1,851,270	\$18.56	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GD-OTS/MARIAN, IL/ ALLIANT TECH/ MN	Jan-10	Jan-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Contract has an FY07 base year with 4 option years. Each year when the options are exercised, contracts will be awarded/split between GD-OTS and ATK based on past performance.</p>										
			P-1 ITEM NO 2			PAGE NO: 30				Page 1 of 1

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: MAY 2009		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$106,910	\$74,559	\$48,174					
<p>Description:</p> <p>FY2008 funding totals include \$31.289M of appropriated supplemental funding. FY2009 funding totals do not include \$7.422M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$11.397M requested for Overseas Contingency Operations.</p> <p>All items have an annual procurement of less than \$5,000,000 and are Code A.</p> <p>Representative items requested in FY2010 are identified on the following P-40A-IL. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 2		PAGE NO: 31		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
CARTRIDGES (ITEMS LESS THAN \$5 MILLION)					
RR-188 CHAFF (3W37)	5865013381200AQ	294,533	\$1,000		
5.56MM NATO BALL CLIPPED (A059)	1305011555459	7,494,032	\$2,548		
5.56 4-1 TRACER LINKED (A064)	1305012520153	2,136,886	\$1,710		
7.62 BLANK SINGLE (A112)	1305009905594	107,407	\$58		
7.62 BALL 4-1 (A131)	1305008922150	3,665,143	\$2,979		
9MM SUBCAL AT4 (A358)	1305012148684	244,230	\$127		
9MM BALL (A363)	1305011729558	12,737,500	\$2,038		
.45 CAL BALL M1911 (A475)	1305003011685	107,999	\$78		
.45 CAL BALL (MATCH GRADE) (A483)	1305008922526	71,395	\$44		
.50 CAL BALL LINK (A555)	1305000286574	348,335	\$1,000		
5.56 AP TRACER 4-1 LINKED (AA02)	1305013937052	362,269	\$1,069		
CTG 7.62MM M993 SINGLE ROUND (AA03)	1305013981450	23,621	\$50		
	P-1 ITEM NO 2		PAGE NO: 32		Page 1 of 4

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)

DATE: MAY 2009

APPROP CODE/BA:
PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:
CARTRIDGES (ITEMS LESS THAN \$5 MILLION)

PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
9MM BALL FRANGIBLE (AA16)	1305014428717	7,789,157	\$2,337		
.50 CAL DIM TRACER (AA50)		602	\$5		
5.56 FRANGIBLE LINKED (AA85)	1305015090177	265,000	\$127		
5.56 BLUE MARKING CARTRIDGE (AB09)	1305015365822	4,568,400	\$2,787		
5.56 RED MARKING CARTRIDGES (AB10)	1305015365827	4,568,400	\$2,787		
5.56 YELLOW MARKING CARTRIDGE (AB11)	1305015365829	5,327,868	\$3,250		
9MM BLUE MARKING CARTRIDGE (AB13)	1305015367721	785,714	\$495		
9MM RED MARKIING CARTRIDGE (AB14)	1305015367722	709,857	\$447		
5.56 YELLOW MARKING CARTRIDGE LINKED (AB15)	1305015369289	2,250,000	\$1,620		
5.56 BLUE MARKING CARTRIDGE LINKED (AB16)	1305015371521	1,670,833	\$1,203		
5.56 RED MARKING CARTRIDGE (AB17)	1305015371522	1,670,833	\$1,203		
CTG, 30MM PGU-14 API REMANUFACTURED (AB20)		35,557	\$1,000		
CTG, 30MM PGU-13 REMANUFACTURED (AB22)	1305015390416	60,976	\$1,000		

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2

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
12 GAUGE BIRDSCARE (AY04)	1370012041525	2,042	\$2		
40MM CTG APT M81A1 RD CLIP (B552)		13,522	\$116		
CTG, 40MM TARGET PRACTICE (B576)	1310013169973	129,423	\$2,267		
CTG, 40MM CROWD DISPERSAL GRENADE (BA13)	1310014750628	3,863	\$62		
CHAFF, RR-196 (CY94)	5865015331536	119,975	\$4,749		
SIGNAL MK-4 MOD 3 (F562)	1325014950239	114,578	\$500		
CART IMP ARD 863-1 3000# (M189)	1377013692492	111,425	\$500		
BBU-36 IMPULSE CARTRIDGE (MG11)	1377010378650	126,125	\$204		
BBU-35 IMP CART (MG62)	1377014561933	426,156	\$750		
SQUIB, ELECTRIC BBU-46A/B (MT40)	1377014361106	20,046	\$698		
CTG, CHAFF, RR-196T-1)AL (NY02)		96,130	\$3,964		
BBU-48 IMPULSE CARTRIDGE (SS27)	1377012859721	179,231	\$1,500		
BBU-63 (SS44)	1377015028981	2,019	\$500		
	P-1 ITEM NO 2		PAGE NO: 34	Page 3 of 4	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
CART, IMPULSE BBU-59/B (WD01)	1377014985054	14,906	\$1,259		
AF SHOOTING TEAM		1	\$140		
TOTALS:			\$48,174		

Remarks:

Cost information is in thousands of dollars.

	P-1 ITEM NO 2		PAGE NO: 35	Page 4 of 4
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009													
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (OVERVIEW)																
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015												
QUANTITY																				
COST (in Thousands)	\$25,904	\$24,517	\$52,459																	
<p>Description:</p> <p>FY2009 funding totals do not include \$21.200M requested for Overseas Contingency Operations.</p> <p>Items in this category consist of non-explosive shapes, simulating live bombs, which provide aircrew weapons delivery and load crew maintenance training. Many items are also utilized for testing in support of OSD's Insensitive Munitions (IM) compliance.</p> <p>The increase in Practice Bomb funding between FY2009 and FY2010 supports increased test and testing requirements, and procurement of the Cast Ductile Iron (CDI) BDU-56 2000 lb & BDU-61 1000 lb practice bombs.</p> <p>Projected Test and Training Allocations for Reserve Component Requirements (subject to Total Force demand and priority)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">\$M</th> <th style="text-align: center;">FY2008</th> <th style="text-align: center;">FY2009</th> <th style="text-align: center;">FY2010</th> </tr> </thead> <tbody> <tr> <td>ANG:</td> <td style="text-align: center;">\$0.200</td> <td style="text-align: center;">\$0.190</td> <td style="text-align: center;">\$0.559</td> </tr> <tr> <td>Reserve:</td> <td style="text-align: center;">\$0.100</td> <td style="text-align: center;">\$0.095</td> <td style="text-align: center;">\$0.279</td> </tr> </tbody> </table> <p>The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel Munitions and Test and Training stockpiles. Active, Guard and Reserve components draw from the WRM stockpiles as required and receive Test and Training allocations annually based on current-year requirements.</p> <p>Representative items requested in FY2010 are identified on the following P-40A. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>									\$M	FY2008	FY2009	FY2010	ANG:	\$0.200	\$0.190	\$0.559	Reserve:	\$0.100	\$0.095	\$0.279
\$M	FY2008	FY2009	FY2010																	
ANG:	\$0.200	\$0.190	\$0.559																	
Reserve:	\$0.100	\$0.095	\$0.279																	
	P-1 ITEM NO 3		PAGE NO: 36		Page 1 of 1															

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: PRACTICE BOMBS (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MK82 INERT/BDU-50C/B (EB71)	A	16,915	\$15,636	15,500	\$14,623	8,574	\$11,527		
BDU-61 CDI	A					2,802	\$10,373		
BDU-56 CDI (ED12)	A			989	\$3,055	5,603	\$17,619		
BLU-109 (F034)	A	52	\$1,095	58	\$1,183	310	\$6,132		
ITEMS LESS THAN \$5M	A		\$9,173		\$5,656		\$6,808		
TOTALS:			\$25,904		\$24,517		\$52,459		

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-50C/B CDI - EB71)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$15,636	\$14,623	\$11,527					
<p>Description:</p> <p>FY2009 funding totals do not include \$21.200M requested for Overseas Contingency Operations.</p> <p>The BDU-50C/B is a 500 pound thick-wall cast ductile iron, non-explosive training shape used to provide combat air forces with aircrew weapons delivery training. The BDU-50 simulates the drop trajectory of a live MK-82.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-50C/B CDI - EB71)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BDU-50C/B INERT - EB71	A	16,915	\$924	{\$15,630}	15,500	\$943	{\$14,619}	8,574	\$1,343	{\$11,511}			
BDU-50 PRACTICE BOMB		16,915	\$867	\$14,657	15,500	\$889	\$13,778	8,574	\$1,284	\$11,011			
SUSP LUG MS3314		34,169	\$22	\$752	31,312	\$18	\$578	17,320	\$21	\$366			
PALLET INSPECTION, MHU149/E		2,876	\$77	\$220	2,634	\$100	\$262	1,458	\$92	\$134			
PRODUCTION SUPPORT													
QUALITY ASSURANCE				\$6			\$4			\$15			
TOTALS:		16,915		\$15,636	15,500		\$14,623	8,574		\$11,527			

Remarks:
 Total Cost information is in thousands of dollars.

Pallets are Government Furnished Material (GFM) FY2008-2010; charges are for the inspection of pallets.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-50C/B CDI - EB71)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
BDU-50C/B INERT - EB71(1)										
FY2008(1)	16,915	\$924	AFMC/OO-ALC	MIPR/C/FFP	ARMY/ALLIED MECHANICAL/APPLETON, WI	Jun-08	Mar-09			
FY2009(2)	15,500	\$943	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/ALLIED MECHANICAL/APPLETON, WI	Mar-09	Nov-09			
FY2010(3)	8,574	\$1,343	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/UNKNOWN	Mar-10	Nov-10	Yes		
Remarks: Cost information is in actual dollars. (1) FY2008 contract is a one year competitive contract. (2) FY2009 is a basic contract with 4 option years. (3) FY2010 procurement will be an option of the FY2009 Basic contract.										
			P-1 ITEM NO 3				PAGE NO: 40	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-61A/B CDI 1000LB)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$0	\$10,373					
<p>Description:</p> <p>The BDU-61A/B CDI is a 1000 pound thick-wall cast ductile iron, non-explosive training shape used to provide combat air forces with aircrew weapons delivery training for the F-22A and F-35. The BDU-61 simulates the drop trajectory of a live MK-83.</p> <p>This item will be procured through the Single Manager for Conventional Munitions (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-61A/B CDI 1000LB)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BDU-61/B	A						2,802	\$3,629	(\$10,168)				
MK83 BOMB BODY							2,802	\$3,390	\$9,499				
PALLET							934	\$589	\$550				
LUGS							5,604	\$21	\$120				
PRODUCTION SUPPORT													
QUALITY ASSURANCE									\$4				
ENGINEERING SUPPORT									\$201				
TOTALS:							2,802		\$10,373				

Remarks:
 Total Cost information is in thousands of dollars.

 All costs are estimated by the Navy (the developing Service).

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-61A/B CDI 1000LB)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
BDU-61/B										
FY2010(1)	2,802	\$3,629	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/UNKNOWN	Mar-10	Sep-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2010 procurement will be a new basic contract with at least 4 option years.</p>										
			P-1 ITEM NO 3				PAGE NO: 43	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-56A/B CDI - ED12)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$3,055	\$17,619					
<p>Description:</p> <p>The BDU-56A/B is a 2000 pound thick-wall cast ductile iron, non-explosive training shape used to provide combat air forces with aircrew weapons delivery training. The BDU-56 simulates the drop trajectory of a live MK-84.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-56A/B CDI - ED12)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BDU-56A/B CDI - ED12	A				989	\$3,083	{ \$3,049 }	5,603	\$3,144	{ \$17,613 }			
BOMB BODY-56/B W/O PLUMBING					989	\$2,627	\$2,598	5,603	\$2,680	\$15,015			
PALLET MK79					496	\$701	\$348	2,801	\$715	\$2,002			
LUG SUSP ACFT ORD MK3-0					1,982	\$52	\$103	11,206	\$53	\$596			
PRODUCTION SUPPORT													
QUALITY ASSURANCE							\$6			\$6			
TOTALS:					989		\$3,055	5,603		\$17,619			

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-56A/B CDI - ED12)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
BDU-56A/B CDI - ED12										
FY2009(1)	989	\$3,083	AFMC/OO-ALC	MIPR/C/FFP	ARMY/UNKNOWN	Aug-09	Aug-10	Yes		
FY2010(2)	5,603	\$3,144	AFMC/OO-ALC	MIPR/C/FFP	ARMY/UNKNOWN	Mar-10	Sep-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2009 will be a basic contract with at least 4 option years. This version of the BDU-56 was not in production through FY2008 because it was still being tested by the Navy.</p> <p>(2) FY2010 procurement will be an option of the FY2009 SMCA basic contract.</p>										
P-1 ITEM NO 3			PAGE NO: 46			Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS BLU-109 D-1 (F034)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$1,095	\$1,183	\$6,132					
<p>Description:</p> <p>The BLU-109(D-1)/B warhead is a 2000-pound hard target inert bomb filled with 553 pounds of Filler-E wood product material. The warhead is used for testing on the Paveway II, III, and GBU-15 weapon systems.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Items requested in FY2010 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: PRACTICE BOMBS BLU-109 D-1 (F034)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
GENERAL PURPOSE BOMBS (BLU-109(D-1), F034)	A	52	\$18,672	{ \$971 }	58	\$20,301	{ \$1,177 }	310	\$19,767	{ \$6,128 }			
BLU-109/B EMPTY BOMB CASES		52	\$15,540	\$808	58	\$16,759	\$972	310	\$16,631	\$5,156			
RECEIPT BOMB BLU-109(D-1)B 2000LB		52	\$19	\$1	58	\$14	\$1	310	\$19	\$6			
LOAD, ASSEMBLE, PACK		52	\$2,078	\$108	58	\$2,531	\$147	310	\$2,016	\$625			
CONTAINER SHIP/STORE CNU 417/E		26	\$2,071	\$54	26	\$2,225	\$58	154	\$2,216	\$341			
PRODUCTION SUPPORT													
QUALITY ASSURANCE							\$5			\$4			
CONTINGENCY (NONRECURRING)				\$124									
TOTALS:		52		\$1,095	58		\$1,183	310		\$6,132			

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS BLU-109 D-1 (F034)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
GENERAL PURPOSE BOMBS (BLU-109(D-1), F034)(1)										
FY2008(1)	52	\$18,672	AFMC/OO-ALC	MIPR/FP	ARMY/MCALESTER ARMY PLANT/MCALESTER, OK	Feb-08	Feb-09			
FY2009(1)	58	\$20,301	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/MCALESTER ARMY PLANT/MCALESTER, OK	Feb-09	Feb-10			
FY2010(1)	310	\$19,767	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/MCALESTER ARMY PLANT/MCALESTER, OK	Feb-10	Feb-11	Yes		
Remarks: Cost information is in actual dollars. (1) FY2008 base contract with 4 option years.										
P-1 ITEM NO				PAGE NO:						
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (ITEMS LESS THAN \$5 MILLION)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$9,173	\$5,656	\$6,808					
<p>Description: All items have an annual procurement of less than \$5,000,000 and are Code A. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 3		PAGE NO: 50		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: PRACTICE BOMBS (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
BLU-113/A D-1 INERT BOMB (E989)		374	\$1,201		
MK-83-4 INERT (EC37)		622	\$1,831		
MK-84 INERT (F262)		218	\$772		
BDU-33 LUG (G251)		211,829	\$569		
BLU-113A/B EMPTY CASE (MY38)		14	\$2,435		
TOTALS:			\$6,808		

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 3		PAGE NO: 51	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009													
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (OVERVIEW)																
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015												
QUANTITY																				
COST (in Thousands)	\$147,809	\$135,027	\$225,145																	
<p>Description:</p> <p>FY2008 funding totals include \$7.268M of appropriated supplemental funding. FY2009 funding totals do not include \$36.700M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$34.085M requested for Overseas Contingency Operations.</p> <p>The General Purpose (GP) Bombs category includes all high explosive air delivered bombs and associated fins and guidance kits. The warfighter delivers these munitions via fighter or bomber aircraft in support of both training and wartime contingency taskings. GP Bombs can be used as either unguided weapons or as guided munitions after the installation of a guidance and control kit.</p> <p>Projected Test and Training Allocations for Reserve Component Requirements (subject to Total Force demand and priority)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">\$M</th> <th style="text-align: center; padding: 5px;">FY2008</th> <th style="text-align: center; padding: 5px;">FY2009</th> <th style="text-align: center; padding: 5px;">FY2010</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">ANG:</td> <td style="text-align: center; padding: 5px;">\$6.700</td> <td style="text-align: center; padding: 5px;">\$6.785</td> <td style="text-align: center; padding: 5px;">\$10.384</td> </tr> <tr> <td style="padding: 5px;">Reserve:</td> <td style="text-align: center; padding: 5px;">\$0.900</td> <td style="text-align: center; padding: 5px;">\$0.911</td> <td style="text-align: center; padding: 5px;">\$1.395</td> </tr> </tbody> </table> <p>The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel Munitions and Test and Training stockpiles. Active, Guard and Reserve components draw from the WRM stockpiles as required and receive Test and Training allocations annually based on current-year requirements.</p> <p>Items requested in FY2010 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>									\$M	FY2008	FY2009	FY2010	ANG:	\$6.700	\$6.785	\$10.384	Reserve:	\$0.900	\$0.911	\$1.395
\$M	FY2008	FY2009	FY2010																	
ANG:	\$6.700	\$6.785	\$10.384																	
Reserve:	\$0.900	\$0.911	\$1.395																	
	P-1 ITEM NO 4		PAGE NO: 52		Page 1 of 1															

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)

DATE: MAY 2009

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

GENERAL PURPOSE BOMBS (OVERVIEW)

PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
BLU-109/B PENETRATOR	A	2,148	\$41,695	1,349	\$32,046	2,584	\$71,077		
BLU-110 1000 LB GP BOMB	A	1,864	\$9,809	872	\$5,658	1,771	\$15,136		
BLU-111 500LB IM FILL	A	1,157	\$2,786	1,298	\$2,998	4,111	\$21,004		
BLU-117 2000 LB GP BOMB	A	3,406	\$20,722	771	\$19,291	1,107	\$28,257		
BLU-121A/B GP BOMB	A			87	\$7,987	95	\$8,813		
MXU-650 FIN ASSEMBLY	A	5,513	\$19,688	6,659	\$24,415	4,045	\$15,066		
GBU-10/12 COMPUTER CONTROL GROUP	A	3,479	\$37,617	2,963	\$32,527	4,235	\$47,237		
ITEMS LESS THAN 5 MILLION GP BOMBS	A		\$15,492		\$10,105		\$18,555		
TOTALS:			\$147,809		\$135,027		\$225,145		

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - (EC72				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$41,695	\$32,046	\$71,077					
<p>Description:</p> <p>FY2008 funding totals include \$1.652M of appropriated supplemental funding. FY2010 funding totals do not include \$0.380M requested for Overseas Contingency Operations.</p> <p>The BLU-109 warhead is a 2000-pound hard target penetrator bomb. It is a penetration weapon used against bunkers, aircraft shelters, and reinforced concrete structures. The warhead is used on the GBU-10, 24, and 27 as well as Joint Direct Attack Munition (JDAM) weapon systems.</p> <p>Increased funding to fill a historically short stockpile and to support increasing unit costs due to change of bomb body design and new IM explosive fill.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Items requested in FY2010 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 4		PAGE NO: 54			Page 1 of 1		

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)										DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - (EC72))								
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-109(1)	A	2,148	\$19,381	{\$41,630}	1,349	\$23,737	{\$32,021}	2,584	\$27,499	{\$71,057}			
LOAD ASSEMBLE & PACK		2,148	\$2,704	\$5,808	1,349	\$3,092	\$4,171	2,584	\$3,158	\$8,161			
RECEIPT OF GFM MATERIAL		2,148	\$8	\$16	1,349	\$19	\$26	2,584	\$19	\$49			
BOMB BODY BLU-109		2,148	\$12,187	\$26,178	1,349	\$16,759	\$22,607	2,584	\$16,631	\$42,973			
CNU 417 CONTAINER		1,074	\$2,069	\$2,222	675	\$2,225	\$1,502	1,291	\$2,216	\$2,861			
CXM-7		794,760	\$9	\$7,406	499,130	\$7	\$3,715	990,460	\$17	\$17,013			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING				\$22			\$22			\$17			
QUALITY ASSURANCE				\$44			\$2			\$4			
TOTALS:				\$41,695			\$32,046			\$71,077			
<p>Remarks: Total Cost information is in thousands of dollars.</p> <p>Quality assurance consists of funding for Army personnel to travel to production facilities.</p> <p>(1) FY2010 cost increases are due to new vendor estimates for CXM-7.</p>													
P-1 ITEM NO 4				PAGE NO: 55				Page 1 of 1					

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - (EC72						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
BLU-109										
FY2008(1)	2,148	\$19,381	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/MCALESTER ARMY PLANT/MCALESTER, OK	Mar-08	Oct-09			
FY2009(2)	1,349	\$23,737	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/MCALESTER ARMY PLANT/MCALESTER, OK	Aug-09	Oct-11	Yes		
FY2010(3)	2,584	\$27,499	AFMC/OC-ALC	MIPR/C/FP	ARMY/MCALESTER ARMY PLANT/MCALESTER, OK	Mar-10	Oct-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>Ellwood National Forge Company, Irvine, PA, produces the bomb bodies. McAlester Army Ammunition Plant Loads, Assembles, and Packs, (LAP) the bombs. The CXM-7 is obtained in a competitive environment.</p> <p>(1) FY2008 procurement is an option of the FY2006 Basic contract with 3 option years. (2) FY2009 procurement is an option of the FY2006 Basic contract. (3) FY2010 procurement will be a new Basic contract with at least 4 option years.</p>										
P-1 ITEM NO 4			PAGE NO: 56			Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - ED41)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$9,809	\$5,658	\$15,136					
<p>Description:</p> <p>The BLU-110B/B is a 1,000-pound class general purpose bomb. It has a relatively thin bomb case that is streamlined to reduce aerodynamic drag. The bomb produces blast and fragmentation effects and can be used as either an unguided, high or low drag weapon. When used with a guidance kit, it can be employed as a precision guided bomb. The warhead is used with the Joint Direct Attack Munition weapon system. The BLU-110B/B can also be fuzed with proximity, instantaneous or delayed fuzes to provide a variety of military effects.</p> <p>Increased funding to fill new stockpile, and meet pilot training objectives for fielding of the F-22A aircraft.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - ED41)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-110B/B	A	1,864	\$5,110	{ \$9,525 }	872	\$5,932	{ \$5,173 }	1,771	\$8,264	{ \$14,636 }			
LOAD ASSEMBLE & PACK		1,864	\$1,105	\$2,060	872	\$1,483	\$1,293	1,771	\$1,268	\$2,246			
RECEIPT OF GFM		1,512	\$15	\$23	890	\$21	\$18	1,806	\$21	\$39			
BOMB BODY BLU-110B/B		1,512	\$2,278	\$3,445	890	\$2,171	\$1,932	1,806	\$2,084	\$3,763			
LUG SUSPENSION MS3314		2,995	\$19	\$57	1,764	\$18	\$33	3,590	\$21	\$76			
CXM-7 (LB)		396,566	\$9	\$3,696	233,204	\$7	\$1,736	474,744	\$17	\$8,156			
PALLET MHU-187		504	\$483	\$243	297	\$543	\$161	605	\$589	\$356			
NAVY ENGINEERING SUPPORT				\$284			\$485			\$500			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING													
QUALITY ASSURANCE													
TOTALS:				\$9,809			\$5,658			\$15,136			

Remarks:
 Total Cost information is in thousands of dollars.

 The Navy Engineering support is based on a minimum amount of \$1.2M spread over all commodities requiring Engineering support.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - ED41)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
BLU-110B/B										
FY2008(1)	1,864	\$5,110	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/JMC, MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Jan-08	Sep-09			
FY2009(1)	872	\$5,932	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/JMC, MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Jan-09	Sep-10			
FY2010(1)	1,771	\$8,264	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/JMC, MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Jan-10	Sep-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>General Dynamics Ordnance and Tactical Systems, Garland, TX, produces the bomb bodies. McAlester Army Ammunition Plant Loads, Assembles, and Packs (LAP) the bombs.</p> <p>(1) Contract has an FY2006 base year with at least 5 option years.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$2,786	\$2,998	\$21,004					
<p>Description:</p> <p>FY2009 funding totals do not include \$6.756M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$9.407M requested for Overseas Contingency Operations.</p> <p>The thermally-protected BLU-111 General Purpose (GP) Bomb is identical to the MK-82 (500 lb bomb), with the exception of the explosive filler. It has a relatively thin case with a slender body designed for improved ballistics. These bombs are employed as general purpose bombs delivered in high and low drag modes with ground burst, delayed or air burst fuzes and as precision guided munitions and aerial mines depending on the fin/airfoil group and fuzing.</p> <p>Increased funding procures new bomb body and IM explosive fill.</p> <p>This item is procured through the Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)										DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15								
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL)													
BLU-111A/B 500LB	A	1,157	\$2,391	{\$2,766}	1,298	\$2,296	{\$2,980}	4,111	\$5,106	{\$20,992}			
LOAD, ASSEMBLY, PACK (LAP)		1,157	\$674	\$780	1,272	\$532	\$676	4,030	\$500	\$2,014			
RECEIPT BOMB MK82-1 500 LB		1,188	\$4	\$5	1,298	\$4	\$6	4,111	\$5	\$22			
BOMB BODY BLU-111		1,188	\$1,138	\$1,351	1,298	\$1,237	\$1,606	4,111	\$1,264	\$5,196			
TNT TYPE I FLAKE LB		180,646	\$2	\$439	198,511	\$2	\$485						
ALUMINUM POWDER LB		47,477	\$2	\$97	52,171	\$2	\$105						
LUG SUSPENSION MS3314		2,338	\$19	\$45	2,570	\$18	\$47	8,141	\$21	\$172			
PBXN 109 190 LB/BOMB								781,119	\$17	\$13,417			
PALLET MHU-149/E		200	\$168	\$34									
GFMPALLET MHU-149/E					216	\$156	\$34	686	\$156	\$107			
PALLET INSPECTION, MHU 149/E		200	\$77	\$15	216	\$100	\$22	686	\$92	\$63			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING				\$14			\$15			\$9			
P-1 ITEM NO 4		PAGE NO: 61			Page 1 of 2								

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
QUALITY ASSURANCE				\$6			\$3			\$4			
TOTALS:		1,157		\$2,786	1,298		\$2,998	4,111		\$21,004			

Remarks:
 Total Cost information is in thousands of dollars.

Pallets are provided as Government Furnished Materiel (GFM), Single Manager for Conventional Ammunition (SMCA) charges to inspect the pallets.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL)										
BLU-111A/B 500LB										
FY2008(1)	1,157	\$2,391	AFMC/OC-ALC	MIPR/OPT/FFP	ARMY/ ARMY/ MCAAP, OK	Jan-08	Sep-08			
FY2009(2)	1,298	\$2,296	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ARMY/ MCAAP, OK	Jan-09	Sep-09			
FY2010(3)	4,111	\$5,106	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/ ARMY/ MCAAP, OK	Jan-10	Sep-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 procurment is for tritonal filled bomb and an option of an open contract being used to fulfill orders from the DoD Services.</p> <p>(2) FY2009 procurement is for tritonal filled bomb and is the final AF option of an open contract being used to fulfill orders from the DoD Services.</p> <p>(3) FY2010 procurement is for new CXM filled bombs. CXM procurement method/type will be competitive and the bomb body will be sole-source.</p>										
			P-1 ITEM NO 4			PAGE NO: 63	Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: MAY 2009		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$20,722	\$19,291	\$28,257					
<p>Description:</p> <p>FY2008 funding totals include \$1.941M of appropriated supplemental funding. FY2009 funding totals do not include \$13.256M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$8.258M requested for Overseas Contingency Operations.</p> <p>The BLU-117 is a 2,000-pound class general purpose bomb. The bomb produces blast and fragmentation effects and can be used as either an unguided high or low drag weapon. When used with a guidance kit, it can be employed as a precision guided bomb. The warhead is used on the Paveway II, Paveway III, GBU-15, and Joint Direct Attack Munition weapon systems. The BLU-117 can also be fuzed with proximity, instantaneous, or delayed fuzes to provide a variety of military effects.</p> <p>The nomenclature changed from MK-84 2000 LB GP BOMB - F275 to BLU-117 2000 LB GP BOMB - ED02 and then to BLU-117B/B - ED09. The BLU-117 2000 LB GP BOMB is an Insensitive Munition (IM) compliant version of the MK-84 2000 LB GP BOMB.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)										DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)								
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-117 2000 LB GP BOMB - ED02 (1)	A	3,406	\$6,022	{\$20,511}	771	\$24,974	{\$19,255}	1,107	\$25,494	{\$28,222}			
LOAD ASSEMBLE & PACK/CXM-AF7		3,406	\$1,422	\$4,843	771	\$3,698	\$2,851	1,107	\$3,772	\$4,176			
RECEIPT OF GFM MATERIAL		3,406	\$15	\$53	771	\$16	\$12	1,107	\$16	\$18			
BLU-117 BOMB BODY		3,406	\$3,429	\$11,678	771	\$3,827	\$2,951	1,107	\$3,904	\$4,322			
LUG SUSP MK3		6,564	\$51	\$336	1,542	\$47	\$72	2,215	\$53	\$118			
TNT TYPE 1 FLAKE (LB)		501,854	\$2	\$1,209									
ALUMINUM POWDER		131,898	\$2	\$293									
CXM-AF7 (LB)					761,748	\$17	\$12,828	1,094,154	\$17	\$18,798			
PALLET MK79		3,046	\$689	\$2,098	771	\$701	\$540	1,107	\$715	\$791			
PRODUCTION SUPPORT													
ENGINEERING SUPPORT				\$166									
QUALITY ASSURANCE (2)				\$6			\$3			\$3			
NAVY ENGINEERING SUPPORT				\$39			\$33			\$32			
TOTALS:				\$20,722			\$19,291			\$28,257			
Remarks:													
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST

Total Cost information is in thousands of dollars.

(1) FY2008 funding totals include \$1.941M in supplemental funding.

(2) Quality assurance consists of funding for Army personnel to travel to production facilities.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
BLU-117 2000 LB GP BOMB - ED02(2)										
FY2008(1)	3,406	\$6,022	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ARMY/OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-08	Sep-09			
FY2009(1)	771	\$24,974	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ARMY/OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Aug-09	Mar-11	Yes		
FY2010(2)	1,107	\$25,494	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/ARMY/OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-10	Sep-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>General Dynamics Ordnance and Tactical Systems, Garland, TX, produces the bomb bodies. McAlester Army Ammunition Plant Loads, Assembles, and Packs (LAP) the bombs.</p> <p>(1) Contract has an FY2006 base year with 4 option years. (2) FY2010 is a new basic contract with at least 4 option years.</p>										
			P-1 ITEM NO 4			PAGE NO: 67				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-121A/B GP BOMB (EC64))				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$7,987	\$8,813					
<p>Description:</p> <p>The BLU-121 Bomb is used on the GBU-15, AGM-130 Precision Guided Air-to-Surface weapon and JDAM to form an improved 2000 lb. penetrating warhead, with the new designator of BLU-121. It is used on the F15E, F16, B-1 and B-2, aircraft weapon system platforms. The warhead provides tunnel target penetration, increased lethality, and survivability. The new BLU-121 significantly enhances the Air Force's capability to destroy tunnel targets. The BLU-121 improves warhead lethality through a more energetic explosive fill; enhanced warhead survivability through the use of an improved penetration steel case assembly; improved employment characteristics of the EGBU-15 guidance software; and increased warhead safety through mitigated reaction to unplanned stimuli (Insensitive Munitions requirement), thereby improving overall safety.</p> <p>Increased funding to procure new bomb to meet worldwide inventory objectives.</p> <p>The engineering effort for the program was funded FY02-FY09 by the Defense Threat Reduction Agency (DTRA) with 97X0400 (R&D) funds.</p> <p>This item is procured through the Air Armament Center, Eglin AFB, FL.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-121A/B GP BOMB (EC64))
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-121 2000LB PENETRATOR BOMB	A				87	\$86,380	{\$7,515}	95	\$88,214	{\$8,380}			
LOAD ASSEMBLE & PACK					87	\$8,400	\$731	95	\$8,400	\$798			
BLU-121 BOMB BODY					87	\$70,410	\$6,126	95	\$72,224	\$6,861			
CXM-AFM7 (LB)					79,824	\$8	\$659	87,400	\$8	\$721			
PRODUCTION AND SUPPORT COST													
ENGINEERING CHANGE ORDERS							\$50			\$50			
DIRECT MISSION SUPPORT							\$422			\$383			
TOTALS:					87		\$7,987	95		\$8,813			

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-121A/B GP BOMB (EC64))
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ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
BLU-121 2000LB PENETRATOR BOMB									
FY2009(1)	87	\$86,380	AFMC/AAC	SS/FFP	ELLWOOD NATIONAL FORGE	Jun-09	Nov-09	Yes	
FY2010(1)	95	\$88,214	AFMC/AAC	SS/FFP W/OPT	ELLWOOD NATIONAL FORGE	Mar-10	Dec-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract has an FY2009 base year with 6 option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$19,688	\$24,415	\$15,066					
<p>Description:</p> <p>FY2008 funding totals include \$1.473M of appropriated supplemental funding. FY2009 funding totals do not include \$5.420M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$5.492M requested for Overseas Contingency Operations.</p> <p>The MXU-650 Fin Assembly consists of a tail fin and forward canards used on the GBU-12 (MK-82 Warhead, 500lb class) PAVEWAY II Laser Guided Bomb (LGB). The PAVEWAY II system has folding wings which open upon release for increased maneuverability. These weapons are primarily used for precision bombing against non-hardened targets.</p> <p>FY2010 funding decreased to support minimum procurement to sustain worldwide fin assemblies inventory.</p> <p>This item is procured through the Ogden Air Logistics Center.</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
GENERAL PURPOSE BOMBS (MXU-650 GBU-12 (EC32, EC29)) (1)													
MXU-650 GBU-12	A	5,513	\$3,571	{\$19,688}	6,659	\$3,666	{\$24,415}	4,045	\$3,725	{\$15,066}			
MXU-650/BKIT		5,513	\$3,320	\$18,300	6,659	\$3,411	\$22,714	4,045	\$3,465	\$14,016			
PALLET		2,757	\$3	\$8	3,329	\$5	\$17	2,022	\$7	\$14			
DRUM CONTAINER (YY52)		5,516	\$250	\$1,379	6,659	\$253	\$1,685	4,048	\$256	\$1,036			
TOTALS:		5,513		\$19,688	6,659		\$24,415	4,045		\$15,066			

Remarks:
 Total Cost information is in thousands of dollars.

2009 Costs based on average cost per FY08 Contract
 2010 Costs based on annual 1.6% increase for inflation

(1) FY2008 funding totals include \$1.473M in supplemental funding.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
MXU-650 GBU-12										
FY2008(1)	5,513	\$3,571	AFMC/OO-ALC	OPT/FFP	LOCKHEEDMARTIN/ ARCHBALD,PA/ RAYTHEON/TUCSON,AZ	Apr-08	Apr-09			
FY2009(1-2)	6,659	\$3,666	AFMC/OO-ALC	OPT/FFP	LOCKHEEDMARTIN/ ARCHBALD,PA/ RAYTHEON/TUCSON,AZ	May-09	May-10	Yes		
FY2010(3)	4,045	\$3,725	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	Apr-10	Apr-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 & FY2009 are options of the FY2003 basic contract. FY2008 GWOT funds added to existing contract. (2) Contract will be split between Raytheon and Lockheed when procurement quantities allow economy of scale. Otherwise, the full procurement will be awarded to the lowest bidder. (3) FY2010 procurement will be a new basic contract with at least 4 option years.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-10/12 COMPUTER CONTROL GROUP)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$37,617	\$32,527	\$47,237					
<p>Description:</p> <p>FY2008 funding totals include \$2.202M of appropriated supplemental funding. FY2009 funding totals do not include \$10.714M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$10.203M requested for Overseas Contingency Operations.</p> <p>The GBU-10/12 Computer Control Group is a laser homing guidance unit used on the GBU-10 (MK-84 Warhead, 2000lb class) or GBU-12 (MK-82 Warhead, 500lb class) PAVEWAY II Laser Guided Bomb (LGB). The PAVEWAY II system has folding wings which open upon release for maneuverability and increased aircraft payload. These weapons are primarily used for precision bombing against hardened and non-hardened targets.</p> <p>Funding increase procures assets to fill a historically worldwide stockpile shortage.</p> <p>This item is procured through the Ogden Air Logistics Center.</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-10/12 COMPUTER CONTROL GROUP)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
GBU-10/12 COMPUTER CONTROL GROUP (1)	A	3,479	\$10,813	(\$37,617)	2,963	\$10,978	(\$32,527)	4,235	\$11,154	(\$47,237)			
GBU-10/12 COMPUTER CONTROL GROUP KIT		3,479	\$10,550	\$36,703	2,963	\$10,709	\$31,731	4,235	\$10,880	\$46,077			
PALLET		386	\$5	\$2	329	\$7	\$2	479	\$9	\$4			
CONTAINER CNU-317		3,468	\$263	\$912	2,963	\$268	\$794	4,235	\$273	\$1,156			
TOTALS:		3,479		\$37,617	2,963		\$32,527	4,235		\$47,237			

Remarks:
 Total Cost information is in thousands of dollars.

FY2008 Unit Price based on average of FY08 Production contract cost for MAU-169/MAU-209 CCGs.
 FY2009-FY2010 unit cost based on annual 1.6% increase.

(1) FY2008 funding totals include \$2.202M in supplemental funding.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-10/12 COMPUTER CONTROL GROUP)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
GBU-10/12 COMPUTER CONTROL GROUP										
FY2008(1-2)	3,479	\$10,813	AFMC/OO-ALC	OPT/FFP	LOCKHEEDMARTIN/ ARCHBALD,PA/ RAYTHEON/TUCSON, AZ	May-08	May-09	Yes		
FY2009(3)	2,963	\$10,978	AFMC/OO-ALC	OPT/FFP	LOCKHEEDMARTIN/ ARCHBALD,PA/ RAYTHEON/TUCSON, AZ	May-09	May-10	Yes		
FY2010(4)	4,235	\$11,154	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	May-10	May-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 procurement is an option of FY03 basic contract with 6 option years and was split between Raytheon and Lockheed.</p> <p>(2) FY2008 GWOT order will be placed on an existing contract currently split between Raytheon and Lockheed.</p> <p>(3) FY2009 procurement may be split between Raytheon and Lockheed depending upon offers received and funding. FY2009 contract is the last option of an FY2003 basic contract.</p> <p>(4) FY2010 procurement will be placed on a new basic contract with at least 4 option years. Contract might be split between Raytheon and Lockheed depending upon offers received.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$15,492	\$10,105	\$18,555					
<p>Description:</p> <p>FY2009 funding totals do not include \$0.555M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$0.725M requested for Overseas Contingency Operations.</p> <p>All items have a procurement value of less than \$5,000,000. Representative items requested in FY2010 are identified on the following P-40A-IL. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)					
BLU-113A/B (EA02) (1)		16	\$2,887		
FIN ASSY BOMB F/200 LB GP MK84 (F607)		4,605	\$1,950		
BSU-33 FIN, MK82 GP BOMB (F782)		36,770	\$3,366		
B-1B FOD KIT (MY72)		10,000	\$500		
BLU-109 IM PIP		1	\$2,003		
BLU-113 IM PIP		1	\$4,849		
GP BOMB IM PIP		1	\$3,000		
TOTALS:			\$18,555		

Remarks:
 Cost information is in thousands of dollars.

(1) EA02: Total Unit Cost is \$180,464.00. Unit Cost comprises \$173,924 per empty case (DODIC MY38) and \$6,540 for LAP at McAlester Army Depot. EA02 is Non-SMCA managed.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40M)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION
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	PRIOR YEARS	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Quantity	120,806	4,312	3,589	3,592						132,299
Gross Cost (\$M)	\$2,670.162	\$124.087	\$105.407	\$103.041	\$0	\$0	\$0	\$0	\$0	\$3,002.697
Initial Spares (\$M)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total (\$M)	\$2,670.162	\$124.087	\$105.407	\$103.041	\$0	\$0	\$0	\$0	\$0	\$3,002.697
Flyaway Unit Cost (\$M)	\$0.021	\$0.024	\$0.026	\$0.025	\$0	\$0	\$0	\$0	\$0	\$0.021
Wpn Sys Proc Unit Cost (\$M)	\$0.022	\$0.029	\$0.029	\$0.029	\$0	\$0	\$0	\$0	\$0	\$0.023

Description:
 FY2008 funding totals include \$12.066M of appropriated supplemental funding.
 FY2009 funding totals do not include \$85.400M requested for Overseas Contingency Operations Supplemental Request.
 FY2010 funding totals do not include \$97.978M requested for Overseas Contingency Operations.

The Joint Direct Attack Munition (JDAM) program is a joint Air Force/Navy program with the Air Force as lead service. Designated ACAT 1C, this program upgrades the existing inventory of general purpose bombs (MK-84, BLU-109/B, MK-82 and MK-83) by integrating the bombs with a field installed guidance kit that uses a global positioning system aided inertial navigation system (GPS/INS). JDAM provides an accurate, adverse weather capability. JDAM is integrated with the B-52H, B-2A, B-1B, F-16C/D, F/A-18A+/C/D/E/F, F-15E, AV-8B, A/OA-10 and F-22A aircraft. Follow-on integrations with the MQ-9 and F-35 are in progress.

The FY10 budget includes funding to procure 3,592 Lot 14 JDAM guidance kits.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40M)			DATE: MAY 2009		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION			
Projected Test and Training Allocations for Reserve Component Requirements (subject to Total Force demand and priority)					
\$M	FY2008	FY2009	FY2010		
ANG:	\$16.100	\$13.717	\$24.946		
Reserve:	\$5.500	\$4.686	\$8.522		
<p>The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel Munitions and Test and Training stockpiles. Active, Guard and Reserve components draw from the WRM stockpiles as required and receive Test and Training allocations annually based on current-year requirements.</p>					
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
JOINT DIRECT ATTACK MUNITION		4,312		{\$105,693}	3,589		{\$91,964}	3,592		{\$91,518}			
AIRFRAME	A	3,817	\$23,686	\$90,409	3,589	\$24,810	\$89,044	3,592	\$25,229	\$90,622			
AIRFRAME	A	495	\$24,810	\$12,281									
ENGINEERING CHANGE ORDERS				\$2,000			\$2,040						
CONTRACTOR INCENTIVE				\$1,003			\$880			\$896			
SUPPORT COSTS		140		{\$18,950}	157		{\$13,443}	121		{\$11,523}			
AIRBORNE TEST EQUIPMENT	A	140	\$39,007	\$5,461	157	\$32,637	\$5,124	121	\$33,289	\$4,028			
PROGRAM MANAGEMENT ADMINISTRATION & MISSION SUPPORT				\$3,240			\$3,530			\$3,043			
ALTERNATE DISPUTE RESOLUTION				\$50			\$50			\$52			
PRODUCTION SUSTAINING ENGINEERING				\$10,199			\$4,739			\$4,400			
TOTALS:		4,452		\$124,643	3,746		\$105,407	3,713		\$103,041			

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
JOINT DIRECT ATTACK MUNITION										
AIRFRAME										
FY2008	3,817	\$23,686	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-08	Apr-09			
FY2008	495	\$24,810	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Dec-08	Apr-10			
FY2009	3,589	\$24,810	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Dec-08	Apr-10			
FY2010	3,592	\$25,229	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-10	Apr-11	Yes		
SUPPORT COSTS										
AIRBORNE TEST EQUIPMENT										
FY2008	140	\$39,007	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	May-08	Mar-09			
FY2009	157	\$32,637	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jul-09	Mar-10	Yes		
FY2010	121	\$33,289	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jul-10	Mar-11	Yes		
Remarks: Cost information is in actual dollars.										
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AF FORM 1537(THEN YEAR DOLLARS)										
WEAPON SYSTEM BUDGET ESTIMATE (DOLLARS IN MILLIONS)		WEAPON SYSTEM: JDAM			CONTRACTOR: BOEING			AS OF DATE: MAY 2009		APPN: 3011
CATEGORY TY\$ FY10PB		EQUIP: MUNITIONS			REPORT CONTROL SYMBOL:			PREPARED BY: ACC/YU		
PE: 27583F BPAC: 353020										

DESCRIPTION	PRIOR YEARS	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
QUANTITY OF AURs	120,806	4,312	3,589	3,592						132,299
RECURRING HARDWARE	\$2,517.021	\$102.134	\$89.044	\$90.622	\$0	\$0	\$0	\$0	\$0	\$2,798.821
ECO	\$0	\$2.000	\$2.040	\$0	\$0	\$0	\$0	\$0	\$0	\$4.040
CONTRACTOR INCENTIVE	\$25.907	\$1.003	\$.880	\$.896	\$0	\$0	\$0	\$0	\$0	\$28.686
FLYAWAY COST	\$2,542.928	\$105.137	\$91.964	\$91.518	\$0	\$0	\$0	\$0	\$0	\$2,831.547
TEST EQUIPMENT (CMBRE)	\$7.535	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7.535
AIRBORNE TEST EQUIPMENT	\$27.742	\$5.461	\$5.124	\$4.028	\$0	\$0	\$0	\$0	\$0	\$42.355
DATA	\$.060	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$.060
PROGRAM MGMT./ADMIN REQ	\$27.109	\$3.240	\$3.530	\$3.043	\$0	\$0	\$0	\$0	\$0	\$36.922
SYSTEM TEST & EVALUATION	\$.222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$.222
TRAINING	\$3.791	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3.791
PROD. SUSTAINING ENGINEERING	\$56.357	\$10.199	\$4.739	\$4.400	\$0	\$0	\$0	\$0	\$0	\$75.695
SEEK EAGLE	\$.975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$.975
ALT. DISPUTE RESOLUTION	\$.690	\$.050	\$.050	\$.052	\$0	\$0	\$0	\$0	\$0	\$.842
DELIVERY ACCELERATION	\$2.753	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2.753
WEAPON SYSTEM COST	\$2,670.162	\$124.087	\$105.407	\$103.041	\$0	\$0	\$0	\$0	\$0	\$3,002.697
INITIAL SPARES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROCUREMENT COST	\$2,670.162	\$124.087	\$105.407	\$103.041	\$0	\$0	\$0	\$0	\$0	\$3,002.697
TOTAL PROGRAM (TY\$)	\$2,670.162	\$124.087	\$105.407	\$103.041	\$0	\$0	\$0	\$0	\$0	\$3,002.697
APPROVED PROGRAM (TY\$)	\$2,670.162	\$124.087	\$105.407	\$103.041	\$0	\$0	\$0	\$0	\$0	\$3,002.697
DELTA (TY\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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	P-1 ITEM NO 5		PAGE NO: 83	Page 1 of 1
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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CAD/PAD				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$33,638	\$38,078	\$40,522					
<p>Description:</p> <p>Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD), such as gas generators, initiators, time-delay cartridges, Shield Mild-Detonating Cord (SMDC), rocket motors, rocket catapults, etc are used on aircraft fire-suppression, emergency-release and aircrew-escape/ejection systems. These explosive devices have finite lives and are replaced during scheduled aircraft maintenance. Life-support devices such as the Universal Water Activated Release System (UWARS) and parachute-release cartridges are essential to aircrew survival after ejection, and are included in the CAD/PAD category. Aircraft operational availability is directly impacted if replacement CAD/PAD assets are not available to meet specific "time-change" requirements as based on life-expiration of the installed devices.</p> <p>Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 6		PAGE NO: 84		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CAD/PAD
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
BOMBER AIRCRAFT	A		\$7,607		\$7,928		\$8,358		
CARGO AIRCRAFT	A		\$4,264		\$4,344		\$4,774		
FIGHTER AIRCRAFT	A		\$6,039		\$8,126		\$8,147		
TRAINING AIRCRAFT	A		\$10,552		\$12,091		\$12,964		
COMMON EGRESS ITEMS	A		\$1,924		\$1,835		\$2,065		
COMMON LIFE SUPPORT ITEMS	A		\$1,924		\$1,835		\$2,065		
COMMON MISC ITEMS	A		\$1,328		\$1,919		\$2,149		
TOTALS:			\$33,638		\$38,078		\$40,522		

Remarks:
Cost information is in thousands of dollars.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009													
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: EXPLOSIVES ORDNANCE DISPOSAL (EOD)																
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015												
QUANTITY																				
COST (in Thousands)	\$3,177	\$3,236	\$3,302																	
<p>Description:</p> <p>FY2009 funding totals do not include \$3.000M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$4.800M requested for Overseas Contingency Operations.</p> <p>Explosive Ordnance Disposal (EOD)/Civil Engineering Demolition Material, Tools and Equipment includes all explosives, explosive tools and related equipment to render unexploded ordnance safe. EOD items are used in deployment packages, base response assets and range clearance resources in support of peacetime and contingency operations. These items are certified for use by the Air Force Non-Nuclear Munitions Safety Board (NNMSB) and the Department of Defense Explosives Safety Board (DDESB).</p> <p>Projected Test and Training Allocations for Reserve Component Requirements (subject to Total Force demand and priority)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">\$M</th> <th style="text-align: center; padding: 5px;">FY2008</th> <th style="text-align: center; padding: 5px;">FY2009</th> <th style="text-align: center; padding: 5px;">FY2010</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">ANG:</td> <td style="text-align: center; padding: 5px;">\$0.300</td> <td style="text-align: center; padding: 5px;">\$0.307</td> <td style="text-align: center; padding: 5px;">\$0.317</td> </tr> <tr> <td style="padding: 5px;">Reserve:</td> <td style="text-align: center; padding: 5px;">\$0.100</td> <td style="text-align: center; padding: 5px;">\$0.102</td> <td style="text-align: center; padding: 5px;">\$0.106</td> </tr> </tbody> </table> <p>The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel Munitions and Test and Training stockpiles. Active, Guard and Reserve components draw from the WRM stockpiles as required and receive Test and Training allocations annually based on current-year requirements.</p> <p>Representative items requested in FY2010 are identified on the following P-40A. Items procured during execution may change based on the most critical equipment needed to support current Air Force mission requirements.</p>									\$M	FY2008	FY2009	FY2010	ANG:	\$0.300	\$0.307	\$0.317	Reserve:	\$0.100	\$0.102	\$0.106
\$M	FY2008	FY2009	FY2010																	
ANG:	\$0.300	\$0.307	\$0.317																	
Reserve:	\$0.100	\$0.102	\$0.106																	
	P-1 ITEM NO 7		PAGE NO: 86		Page 1 of 1															

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)

DATE: MAY 2009

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

EXPLOSIVES ORDNANCE DISPOSAL (EOD)

PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
50 CAL API (A606)	A	763	\$10	755	\$10				
MK275 AVON (AA63)	A	761	\$5	752	\$5				
MK276 POPPER (AA64)	A	1,639	\$2	1,612	\$2	1,599	\$2		
MEDIUM VELOCITY BLANK (AA66)	A	1,562	\$2	1,540	\$2				
ENHANCED BLANK, MK 277 (DWEC)	A	1,079	\$6	1,067	\$6				
STEEL SLUG, MK 279 (DWED)	A	539	\$3	533	\$3				
ALUMINUM SLUG, MK 280 (DWEE)	A	539	\$3	533	\$3	527	\$3		
DEMINING FLARE (LA37)	A	6,075	\$96	6,075	\$96				
CHARGE, DEMOLITION C4-M112 (M023)	A	35,169	\$644	28,333	\$655	32,510	\$750		
CORD ASBLY DETONATING (M456)	A	20,000	\$10	19,782	\$10	38,461	\$20		
FUZE BLASTING TIME (M670)	A	247,000	\$100	46,886	\$100	147,058	\$50		
CHARGE ASBLY DEMO M183 COMP 4 (M757)	A	599	\$302	689	\$300	396	\$300		
CHARGE, DEMO SHAPED MK88 (M997)	A	149	\$38	66	\$17				
RELOADER (ML66)	A	51	\$1	51	\$1				
EXPLOSIVE CUTTING TAPE (MM54)	A	2,319	\$242	2,256	\$243	3,304	\$175		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: EXPLOSIVES ORDNANCE DISPOSAL (EOD)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
IGNITER TIME BLASTING (MN08)	A	2,948	\$25	2,850	\$25	4,385	\$40		
DYNAMITE, AMONIA NITRATE 60% (MN32)	A	71,336	\$100	69,861	\$100				
DYNAMITE, NITRO GLYCERIN (MN30)	A	606	\$1	595	\$1				
SEMTEX A (MN82)	A	2,032	\$35	2,017	\$35	2,113	\$36		
DYNAMITE, 75% AMMON NITRATE (MN85)	A	2,853	\$4	2,763	\$4	1,360	\$2		
SHOCK TUBE W/BLASTING CAP 500 (MN88)	A	2,469	\$100	2,442	\$100	2,173	\$90		
EXPLOSIVE WATER GEL (MY77)	A	1,785	\$2	1,666	\$2	1,078	\$4		
DISRUPTOR, LIGHT WEIGHT (YY32)	A	194	\$25	191	\$25				
SHOCK TUBE (YY34)	A	189	\$20	187	\$20	240,454	\$20		
EOD TRAINING AIDS	A	1	\$446	1	\$420				
MK32 MOD 4 X-RAY PROCESSOR	A	6	\$55	6	\$55				
DEMOLITION TOOLS	A	93	\$495	94	\$500				
DISRUPTOR, MAIN CHARGE (DWDF)	A	446	\$20	455	\$20				
HOOK & LINE	A					20	\$102		
PORTABLE X-RAY SYSTEM	A					27	\$262		

	P-1 ITEM NO 7		PAGE NO: 88	Page 2 of 3
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)

DATE: MAY 2009

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

EXPLOSIVES ORDNANCE DISPOSAL (EOD)

PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
RT 4 N/L	A			3	\$56	30	\$595		
VEHICLE ACCESS KIT	A					11	\$36		
MK 26 MOD 1	A					14	\$248		
MINI REMOTE FIRING DEVICE	A	12	\$384	12	\$420	6	\$204		
EMERGING REQUIREMENTS (UNIDENTIFIED)	A					1	\$218		
DETA SHEET (M980)	A					406	\$7		
B CAP W/30 FT SHOCK TUBE (ML47)	A					600	\$15		
N/E 70FT DELAY SHOCK TUBE (MN07)	A					1,514	\$30		
DYNAMITE, NITRO GLYCERIN (M587)	A					1,333	\$3		
M-13 1,000 FT SHOCK TUBE W/CAP M23 (MN90)	A					4,751	\$90		
TOTALS:		403,214	\$3,177	194,073	\$3,236	484,131	\$3,302		

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SPARES AND REPAIR PARTS				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$3,794	\$4,604	\$4,582					
<p>Description:</p> <p>This P-1 line funds spares and repair parts for Procurement of Ammunition, Air Force (PAAF) items. Initial spares consist of reparable components, assemblies and subassemblies, as well as consumable items required in support of newly fielded end items. Requirements are based on historical failure/demand data on similar items. Replenishment spares consist of reparable components, assemblies and subassemblies required for follow-on sustainment of end items. Munitions replenishment spare levels are based on item-specific failure/demand driven computations.</p> <p>Items requested in FY2010 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force Mission requirements.</p>								
	P-1 ITEM NO 8		PAGE NO: 90		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)

DATE: MAY 2009

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

SPARES AND REPAIR PARTS

PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
INITIAL SPARES			{ \$3,453 }		{ \$4,604 }		{ \$4,582 }		
MISC. LOW COST INITIAL SPARES	A		\$3,453		\$4,604		\$4,582		
REPLENISHMENT SPARES			{ \$341 }						
GP BOMBS	A		\$341						
TOTALS:			\$3,794		\$4,604		\$4,582		

Remarks:

Cost information is in thousands of dollars.

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91

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: MODIFICATIONS				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$928	\$1,231	\$1,289					
<p>Description:</p> <p>This budget line encompasses both new and on-going modification efforts for guided bomb and munitions systems. Permanent modifications consist of configuration changes to in-service systems and equipment which correct material/other deficiencies or add/delete capability. Safety modifications correct deficiencies which may create personnel, system or equipment hazards.</p> <p>The FY2010 funding request reflects estimated costs based on historical funding requirements and projected future requirements.</p>								
	P-1 ITEM NO 9		PAGE NO: 92		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009													
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION																
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015												
QUANTITY																				
COST (in Thousands)	\$15,290	\$2,469	\$5,061																	
<p>Description:</p> <p>FY2008 funding totals include \$11.150M of appropriated supplemental funding.</p> <p>This category includes various munitions items to support air base ground defense, air rescue, and aircrew/ground training. All items have an annual procurement value of less than \$5 million and are code A.</p> <p>Projected Test and Training Allocations for Reserve Component Requirements (subject to Total Force demand and priority)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">\$M</th> <th style="text-align: left; padding: 5px;">FY2008</th> <th style="text-align: left; padding: 5px;">FY2009</th> <th style="text-align: left; padding: 5px;">FY2010</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">ANG:</td> <td style="padding: 5px;">\$0.300</td> <td style="padding: 5px;">\$0.049</td> <td style="padding: 5px;">\$0.101</td> </tr> <tr> <td style="padding: 5px;">Reserve:</td> <td style="padding: 5px;">\$0.100</td> <td style="padding: 5px;">\$0.016</td> <td style="padding: 5px;">\$0.034</td> </tr> </tbody> </table> <p>The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel Munitions and Test and Training stockpiles. Active, Guard and Reserve components draw from the WRM stockpiles as required and receive Test and Training allocations annually based on current-year requirements.</p> <p>Items requested in FY2010 are identified on the following P-40A-IL and are representative of items to be procured. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>									\$M	FY2008	FY2009	FY2010	ANG:	\$0.300	\$0.049	\$0.101	Reserve:	\$0.100	\$0.016	\$0.034
\$M	FY2008	FY2009	FY2010																	
ANG:	\$0.300	\$0.049	\$0.101																	
Reserve:	\$0.100	\$0.016	\$0.034																	
	P-1 ITEM NO 10		PAGE NO: 93		Page 1 of 1															

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
ITEMS LESS THAN \$5,000,000, OTHER					
NUCLEAR TRAINER		2	\$725		
GRENADE HAND, FRAG DELAY (G881)	1330001338244	13,996	\$499		
GRENADE HAND, GREEN SMOKE (G940)	1330002896851	12,927	\$647		
GRENADE HAND, YELLOW SMOKE (G945)	1330002896854	9,363	\$500		
GRENADE HAND, VIOLET SMOKE (G955)	1330002896853	10,549	\$595		
SIG, ILL GRENADE RED M158 (L306)		6,199	\$316		
SIMULATOR, AIR BURST (L366)		18,259	\$500		
SIMULATOR, GROUNDBURST (L594)	1370015578527	28,430	\$574		
GRENADE HAND, PRACTICE (L601)	1370007528124	40,473	\$704		
TOTALS:			\$5,061		

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 10		PAGE NO: 94	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009													
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (OVERVIEW)																
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015												
QUANTITY																				
COST (in Thousands)	\$271,444	\$286,501	\$152,515																	
<p>Description:</p> <p>FY2008 funding totals include \$103.712M of appropriated supplemental funding. FY2010 funding totals do not include \$41.000M requested for Overseas Contingency Operations.</p> <p>Flares are dispensed from a variety of aircraft to either protect the aircraft by decoying enemy heat-seeking missiles or as an illumination source for reconnaissance, target marking, emergency night landings, or search and rescue.</p> <p>Flare funding was reduced as a part of an internal AF reprogramming in FY2010 into General Purpose and Practice Bomb procurements. This reprogramming supports the increased unit cost associated with OSD's mandated Insensitive Munitions compliance. Flare funding represents minimum procurement quantities to satisfy USAF's yearly training expenditure and shelf life expiration replacements.</p> <p>Projected Test and Training Allocations for Reserve Component Requirements (subject to Total Force demand and priority)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">\$M</th> <th style="text-align: center; padding: 5px;">FY2008</th> <th style="text-align: center; padding: 5px;">FY2009</th> <th style="text-align: center; padding: 5px;">FY2010</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">ANG:</td> <td style="text-align: center; padding: 5px;">\$28.500</td> <td style="text-align: center; padding: 5px;">\$31.935</td> <td style="text-align: center; padding: 5px;">\$16.294</td> </tr> <tr> <td style="padding: 5px;">Reserve:</td> <td style="text-align: center; padding: 5px;">\$14.100</td> <td style="text-align: center; padding: 5px;">\$15.799</td> <td style="text-align: center; padding: 5px;">\$8.061</td> </tr> </tbody> </table> <p>The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel Munitions and Test and Training stockpiles. Active, Guard and Reserve components draw from the WRM stockpiles as required and receive Test and Training allocations annually based on current-year requirements.</p> <p>Items requested in FY2010 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>									\$M	FY2008	FY2009	FY2010	ANG:	\$28.500	\$31.935	\$16.294	Reserve:	\$14.100	\$15.799	\$8.061
\$M	FY2008	FY2009	FY2010																	
ANG:	\$28.500	\$31.935	\$16.294																	
Reserve:	\$14.100	\$15.799	\$8.061																	
	P-1 ITEM NO 11		PAGE NO: 95		Page 1 of 1															

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
FLARES (OVERVIEW)									
M206 FLARE (L410)	A	1,763,200	\$34,519	1,686,545	\$44,589	365,029	\$10,848		
MJU-7A/B IR FLARE (L463)	A	1,112,350	\$34,853	935,662	\$39,471	380,846	\$17,789		
LUU-19 FLARE (LA29)	A	16,283	\$14,677	19,777	\$18,008	20,514	\$18,875		
MJU-39/40 FLARE	A	6,665	\$12,000	7,130	\$12,973	18,889	\$34,729		
MJU-62/B FLARE (LA36)	A	64,420	\$12,372	50,562	\$9,711	35,106	\$6,882		
MJU-64 IR FLARE (LA43)	A	300,800	\$23,884	175,466	\$15,148	139,350	\$12,156		
ALA-17B FLARE CARTRIDGE (LY12)	A	22,482	\$12,827	27,291	\$15,730	23,593	\$13,741		
ITEMS LESS THAN \$5 MILLION	A		\$126,312		\$130,871		\$37,495		
TOTALS:			\$271,444		\$286,501		\$152,515		

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 11		PAGE NO: 96		Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (M206 FLARE - L410)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$34,519	\$44,589	\$10,848					
<p>Description:</p> <p>FY2008 funding totals include \$14.000M of appropriated supplemental funding. FY2010 funding totals do not include \$4.701M requested for Overseas Contingency Operations.</p> <p>The M206 is an infrared countermeasures flare used by A-10, F-16, C-17, and AC-130 aircraft against heat seeking missiles.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 11		PAGE NO: 97		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (M206 FLARE - L410)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
FLARES (M206 FLARE - L410)													
M206 FLARE (1)	A	1,763,200	\$19.37	\$34,153	1,686,545	\$26.22	\$44,221	365,029	\$28.59	\$10,436			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING				\$353			\$363			\$403			
QUALITY ASSURANCE (2)				\$13			\$5			\$9			
TOTALS:		1,763,200		\$34,519	1,686,545		\$44,589	365,029		\$10,848			

Remarks:
 Total Cost information is in thousands of dollars.

(1) FY2008 total includes \$14.000M in supplemental funding.
 (2) Quality assurance consists of funding for Army personnel to travel to production facilities.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (M206 FLARE - L410)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
FLARES (M206 FLARE - L410)(1)										
M206 FLARE										
FY2008(1)	1,763,200	\$19.37	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ARMTEC/CAMDEN, AR/KILGORE/TOONE, TN	Mar-08	Nov-08			
FY2009(2)	1,686,545	\$26.22	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/ARMTEC/CAMDEN, AR/KILGORE/TOONE, TN	Aug-09	Dec-09	Yes		
FY2010(3)	365,029	\$28.59	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ARMTEC/CAMDEN, AR/KILGORE/TOONE, TN	Mar-10	Nov-10	Yes		
Remarks: Cost information is in actual dollars. (1) FY2008 is an option of the FY2004 basic contract. (2) FY2009 will be a new basic contract with at least 4 option years. Award will be split between ARMTEC and KILGORE. (3) FY2010 is planned to be an option of the FY2009 basic contract.										
			P-1 ITEM NO 11			PAGE NO: 99	Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-7A/B IR FLARE - L463)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$34,853	\$39,471	\$17,789					
<p>Description:</p> <p>FY2008 funding totals include \$15.000M of appropriated supplemental funding. FY2010 funding totals do not include \$6.142M requested for Overseas Contingency Operations.</p> <p>The MJU-7A/B is an infrared countermeasures flare used by F-15 and F-16 aircraft against heat seeking missiles. It is dispensed from ALE-40 countermeasure dispensers. The MJU-7A/B flare is a pyrotechnic candle that creates an infrared signature, acting as a decoy against heat seeking missiles. The flare candle is ejected from the dispenser by a small explosive cartridge (BBU-36/B Impulse Cartridge) contained in the flare case.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-7A/B IR FLARE - L463)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
MJU-7A/B IR FLARE (1)	A	1,112,350	\$31	\$34,847	935,662	\$42	\$39,465	380,846	\$47	\$17,786			
QUALITY ASSURANCE (2)				\$6			\$6			\$4			
TOTALS:		1,112,350		\$34,853	935,662		\$39,471	380,846		\$17,789			

Remarks:
Total Cost information is in thousands of dollars.

(1) FY2008 funding total includes \$15.000M in supplemental funding.
 (2) Quality Assurance consists of funding for Army personnel to travel to production facilities.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-7A/B IR FLARE - L463)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
MJU-7A/B IR FLARE										
FY2008(1)	1,112,350	\$31	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ARMTEC/CAMDEN, AR/KILGORE/TOONE, TN	Mar-08	May-09			
FY2009(2)	935,662	\$42	AFMC/OO-ALC	MIPR/C/FPW/OPT	ARMY/ARMTEC/CAMDEN, AR/KILGORE/TOONE, TN	Aug-09	Jan-10	Yes		
FY2010(3)	380,846	\$47	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ARMTEC/CAMDEN, AR/KILGORE/TOONE, TN	Mar-10	Jan-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 is an option off the FY2004 basic contract. Contract is a split award. GWOT will be added to current contract which was a split award between ARMTEC and KILGORE.</p> <p>(2) FY2009 is a new basic contract with at least 4 option years.</p> <p>(3) FY2010 is planned to be an option of the FY2009 basic contract.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA29)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$14,677	\$18,008	\$18,875					
<p>Description:</p> <p>FY2008 funding totals include \$8.500M of appropriated supplemental funding.</p> <p>The LUU-19 Aircraft Parachute Flare is an aircraft launched illuminating device. These flares are classified according to use, illumination, and burn time. Flares for aircraft use provide illumination for reconnaissance, bombardment, emergency night landings or search and rescue. Flares may be delivered/launched from high speed aircraft by use of SUU-25 Flare Dispenser or launched from C-130 ACFT LAU-74 cargo door launcher. Flares can also be hand launched or launched from aircraft utilizing static line ignition. Flares are attached to an 18 foot diameter cruciform parachute, have settings from 500 to 11,000 feet, and free fall prior to functioning.</p> <p>This item is procured through the Ogden Air Logistics Center.</p> <p>Representative items requested in FY2010 are identified on the following P-40A. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA29)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
LUU-19A/B FLARE (1-2)	A	16,283	\$14,677	19,777	\$18,008	20,514	\$18,875		
TOTALS:		16,283	\$14,677	19,777	\$18,008	20,514	\$18,875		

Remarks:
 Cost information is in thousands of dollars.

(1) FY2008 funding total includes \$8.500M in supplemental funding.
 (2) FY2009 unit price is less than the unit price cited on the FY09 PB due to an increased order quantity.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA29)
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ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
LUU-19A/B FLARE									
FY2008(1)	16,283	\$901	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/UNKNOWN	Aug-09	Jun-10	Yes	
FY2009(2)	19,777	\$911	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/UNKNOWN	Aug-09	Dec-10	Yes	
FY2010(3)	20,514	\$920	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/UNKNOWN	Mar-10	Sep-11	Yes	

Remarks:
 Cost information is in actual dollars.

(1) FY2008 GWOT will be added to this contract.
 (2) There are at least 4 option years attached to the FY2009 Basic contract.
 (3) FY2010 procurement will be an option of the FY2009 Basic contract.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-39/40-ACFT FLARE - LA32/LA33)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$12,000	\$12,973	\$34,729					
<p>Description:</p> <p>FY2008 funding totals include \$6.000M of appropriated supplemental funding.</p> <p>The MJU-39/B and MJU-40/B are magnesium based kinematic infrared (IR) counter-measure flares. They consist of an aluminum case, crimped on aluminum end cap, plastic piston, sequencer device, flare body with nozzle and shroud. The MJU-39/B is dispensed by the ALE-52 and ignited in flight by a BBU-59/B impulse cartridge. The MJU-40/B is also dispensed by the ALE-52, but ignited in flight by a BBU-36/B impulse cartridge. These flares are designed to meet F-22 unique requirements.</p> <p>This item is procured through the Ogden Air Logistics Center.</p> <p>Representative items requested in FY2010 are identified on the following P-40A. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-39/40-ACFT FLARE - LA32/LA33)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
FLARES (MJU-39/40-ACFT FLARE)									
MJU-39/B (1)	A	3,288	\$6,064	3,565	\$6,643	9,444	\$17,780		
MJU-40/B (2)	A	3,377	\$5,936	3,565	\$6,330	9,445	\$16,949		
TOTALS:		6,665	\$12,000	7,130	\$12,973	18,889	\$34,729		

Remarks:
 Cost information is in thousands of dollars.

(1) FY2008 funding total includes \$3.000M in supplemental funding.
 (2) FY2008 funding total includes \$3.000M in supplemental funding.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-39/40-ACFT FLARE - LA32/LA33)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
FLARES (MJU-39/40-ACFT FLARE)										
MJU-39/B										
FY2008(1)	3,288	\$1,844	AFMC/OO-ALC	SS/FFP	KILGORE/TOONE, TN	May-09	Aug-09	Yes		
FY2009(2)	3,565	\$1,863	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	May-09	Apr-10	Yes		
FY2010(2)	9,444	\$1,883	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Mar-10	Mar-11	Yes		
MJU-40/B										
FY2008(1)	3,377	\$1,758	AFMC/OO-ALC	SS/FFP	KILGORE/TOONE, TN	May-09	Aug-09	Yes		
FY2009(2)	3,565	\$1,776	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	May-09	Apr-10	Yes		
FY2010(2)	9,445	\$1,795	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Mar-10	Mar-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 contract was delayed and will share the same contract award date as the FY2009 procurement. (2) FY2009 procurement will be a new basic contract with at least 3 option years. FY2010 procurement will be an option of FY2009 contract.</p>										
			P-1 ITEM NO 11				PAGE NO: 108	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-62/B FLARE - LA36)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$12,372	\$9,711	\$6,882					
<p>Description:</p> <p>FY2008 funding totals include \$2.140M of appropriated supplemental funding. FY2010 funding totals do not include \$1.770M requested for Overseas Contingency Operations.</p> <p>The MJU-62/B Flare is a boron based infrared (IR) countermeasure. It consists of an aluminum case, plastic end cap, felt spacer, safe & initiation device, plastic piston, and the flare pellet. It is dispensed and ignited in flight by a BBU-36/B impulse cartridge.</p> <p>This item is procured through the Ogden Air Logistics Center.</p> <p>Representative items requested in FY2010 are identified on the following P-40A. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-62/B FLARE - LA36)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MJU-62 FLARE - LA36 (1)	A	64,420	\$12,372	50,562	\$9,711	35,106	\$6,882		
TOTALS:		64,420	\$12,372	50,562	\$9,711	35,106	\$6,882		

Remarks:
 Cost information is in thousands of dollars.

(1) FY2008 funding total includes \$2.140M in supplemental funding.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-62/B FLARE - LA36)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
MJU-62 FLARE - LA36										
FY2008(1)	64,420	\$192	AFMC/OO-ALC	OPT/FFP	ATK THIOKOL/BRIGHAM CITY, UT	Jul-09	Nov-10	Yes		
FY2009(1)	50,562	\$192	AFMC/OO-ALC	OPT/FFP	ATK THIOKOL/BRIGHAM CITY, UT	Jul-09	Nov-10	Yes		
FY2010(2)	35,106	\$196	AFMC/OO-ALC	OPT/FFP	ATK THIOKOL/BRIGHAM CITY, UT	Mar-10	Apr-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 and FY2009 will be on an FY2009 basic contract with at least four option years. (2) FY2010 procurement will be an option of the FY2009 basic contract.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-64 IR CM FLARE - LA43)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$23,884	\$15,148	\$12,156					
<p>Description:</p> <p>FY2008 funding totals include \$6.145M of appropriated supplemental funding. FY2010 funding totals do not include \$8.214M requested for Overseas Contingency Operations.</p> <p>The MJU-64/B replaces the M211. It is a hermetically sealed aluminum case purged with nitrogen containing a payload of stacked special material elements which react to air. When deployed into the air stream, the special material reacts to emit an infrared signal to decoy infrared seeking missiles. This flare is required to provide the C-130 and A-10 aircraft and HH-53 and HH-60 helicopters protection against advanced air-to-air and surface-to-air infrared weapon systems.</p> <p>This item is procured by Ogden ALC from the Navy.</p> <p>Representative items requested in FY2010 are identified on the following P-40A. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-64 IR CM FLARE - LA43)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MJU-64 IR CM FLARE - LA43 (1)	A	300,800	\$23,884	175,466	\$15,148	139,350	\$12,156		
TOTALS:			\$23,884		\$15,148		\$12,156		

Remarks:

Cost information is in thousands of dollars.

FY2008 is the actual cost from the Navy contract. Prior unit cost estimates were those provided by the Army because the AF originally planned to purchase the Army version of this item.

(1) FY2008 funding total includes \$6.145M in supplemental funding.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-64 IR CM FLARE - LA43)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
MJU-64 IR CM FLARE - LA43										
FY2008(1)	300,800	\$79	AFMC/OO-ALC	MIPR/OPT/FFP	NAVY/ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Sep-08	Sep-09			
FY2009(2)	175,466	\$86	AFMC/OO-ALC	MIPR/FFP W/OPT	NAVY/ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Jun-09	Mar-10	Yes		
FY2010(3)	139,350	\$87	AFMC/OO-ALC	MIPR/OPT/FFP	NAVY/ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Mar-10	Mar-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 procurement was added to a Navy contract. (2) FY2009 procurement is a new Navy basic contract with at least 4 option years. (3) FY2010 procurement will be an option of the Navy FY2009 Basic contract.</p>										
			P-1 ITEM NO 11			PAGE NO: 114	Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ALA-17C FLARE - LY12)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$12,827	\$15,730	\$13,741					
<p>Description:</p> <p>FY2008 funding totals include \$1.666M of appropriated supplemental funding. FY2010 funding totals do not include \$7.182M requested for Overseas Contingency Operations.</p> <p>The ALA-17C IR countermeasure flare is a two cartridge flare consisting of an upper and lower pellet contained in an 1 1/4 inch by 2 and 3/4 inch diameter aluminum housing (cartridge case). This flare is used to defeat missile threats on the B-52 bomber aircraft. Eight double pellet flare cartridges are installed in an ALA-17 flare rack that is loaded on the B-52 bomber in an AN/ALE-20 ejector set or dispenser. The bottom flare pellet is deployed first and then the upper flare pellet. Both pellets are ignited and deployed into the B-52 air stream by the use of two internal individual squibs.</p> <p>This item is currently procured through the Ogden Air Logistics Center.</p> <p>Representative items requested in FY2010 are identified on the following P-40A. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (ALA-17C FLARE - LY12)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
ALA-17C FLARE - LY12 (1)	A	22,482	\$12,827	27,291	\$15,730	23,593	\$13,741		
TOTALS:		22,482	\$12,827	27,291	\$15,730	23,593	\$13,741		

Remarks:
 Cost information is in thousands of dollars.

(1) FY2008 funding total includes \$1.666M in supplemental funding.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ALA-17C FLARE - LY12)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
ALA-17C FLARE - LY12										
FY2008(1)	22,482	\$571	AFMC/OO-ALC	SS/FFPW/OPT	KILGORE CORP/TOONE, TN	Jun-09	Aug-09	Yes		
FY2009(1)	27,291	\$576	AFMC/OO-ALC	OPT/FFP	KILGORE CORP/TOONE, TN	Jun-09	May-10	Yes		
FY2010(2)	23,593	\$582	AFMC/OO-ALC	OPT/FFP	KILGORE CORP/TOONE, TN	Mar-10	Apr-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 and FY2009 procurements are combined on an FY2009 basic contract which has at least 4 option years. SMCA has determined that it cannot support the AF as a Single Manager for this item.</p> <p>(2) FY2010 procurement will be an option of the FY2009 basic contract.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$126,312	\$130,871	\$37,495					
<p>Description:</p> <p>FY2008 funding totals include \$50.261M of appropriated supplemental funding. FY2010 funding totals do not include \$12.991M requested for Overseas Contingency Operations.</p> <p>All listed items on the following P-40A-IL have an FY2010 procurement value of less than \$5,000,000 and are Code A.</p> <p>Items requested in FY2010 are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 11		PAGE NO: 118			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
SIG KIT PRSNL DISTRESS (L119)	1370015234694	10,449	\$1,217		
DISPENSER, FLARE SUU-25 F/A (L127)	1370011585322	97	\$2,010		
SIGNL,ILL GRN RED STR M158 (L306)	1370013431966	7,190	\$367		
SIG IL GRND GRN STR CLS M125A1 (L314)	1370013416282	3,234	\$175		
LUU-2C/BAC PARACHUTE FLARE (L440)	1370015379031	5,169	\$4,811		
M206(T-3)/BIRCM FLARE SIMULATOR (L448)	1370015219142	19,382	\$500		
MJU-23 FLARE (L462)	1370014358569	8,048	\$4,672		
M-212 (LA15)	1370015343060	14,640	\$1,552		
MJU-50 (LA19)	1370014686077	67,552	\$4,138		
MJU-51/B FLARE (LA20)	1370015442965	37,512	\$4,626		
MJU-53/B FLARE (LA21)	1370015031455	69,756	\$3,512		
MJU-47/B FLARE (LA30)	1370014959793	9,616	\$4,041		
MJU-48/B FLARE (LA31)	1370014959790	9,616	\$2,921		
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)		
PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
COMBAT RESCUE AND RECOVERY			\$2,953		
TOTALS:			\$37,495		
<p>Remarks: Cost information is in thousands of dollars.</p>					
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (OVERVIEW)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$70,767	\$71,920	\$61,037					
<p>Description:</p> <p>FY2008 funding totals include \$0.438M of appropriated supplemental funding. FY2009 funding totals do not include \$6.800M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$14.595M requested for Overseas Contingency Operations.</p> <p>A bomb fuze initiates the explosive train of a bomb at the appropriate time to fulfill mission requirements. Normally, fuzes are placed in both the nose and tail of the bomb to increase functional reliability. The Fuze category includes the DSU-33D/B Proximity Sensor Fuze and the FMU-152/B Joint Programmable Fuze.</p> <p>Items requested in FY2010 are identified on the following P-40A, and are representative of items to be procured. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
FUZES (OVERVIEW)									
DSU-33D/B PROXIMITY SENSOR (KY70)	A			5,421	\$5,766	6,135	\$6,577		
FMU-152/B JOINT PROGRAMMABLE FUZE	A	16,744	\$31,913	11,857	\$41,487	12,546	\$47,449		
ITEMS LESS THAN 5 MILLION DOLLARS	A		\$38,854		\$24,667		\$7,011		
TOTALS:			\$70,767		\$71,920		\$61,037		

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (DSU-33D/B PROXIMITY SENSOR - KY70)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$5,766	\$6,577					
<p>Description:</p> <p>FY2009 funding totals do not include \$0.472M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$3.505M requested for Overseas Contingency Operations.</p> <p>The DSU-33 Proximity Sensor is a battery operated, RF, Doppler radar proximity sensor. It is used to provide low altitude proximity function to the bomb fuze. The sensor interfaces with FMU-143, FMU-139 and FMU-152 fuzes.</p> <p>The DSU-33D/B (KY70) replaces the DSU-33C/B (GY33).</p> <p>This item will be procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-40A. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (DSU-33D/B PROXIMITY SENSOR - KY70)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
DSU33D/B PROXIMITY SENSOR (1)	A			5,421	\$5,766	6,135	\$6,577		
TOTALS:				5,421	\$5,766	6,135	\$6,577		

Remarks:
 Cost information is in thousands of dollars.

(1) Unit price estimates for FY2009-2010 were provided by the Vendor, ATK through the Program Office at Eglin AFB.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (DSU-33D/B PROXIMITY SENSOR - KY70)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
DSU33D/B PROXIMITY SENSOR										
FY2009(1)	5,421	\$1,064	AFMC/AAC	OPT/FFP	ATK/ROCKET CENTER/ WV	May-09	Nov-09	Yes		
FY2010(2)	6,135	\$1,072	AFMC/OO-ALC	MIPR/FFP	ARMY/ ATK/ ROCKET CENTER/ WV	Mar-10	Nov-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>The AF wil convey procurement authority for the DSU-33 to the Single Manager for Conventional Ammunition (SMCA) during FY2010.</p> <p>(1) FY2009 procurement will exercise the final option of the contract iniated by the acquisition team at Eglin AFB. Once all contractual obligations are complpete, procurement responsibilities will be transferred to the Single Manager for Conventional Ammunition (SMCA).</p> <p>(2) FY2010 procurement will be through the Single Manager for Conventional Munitions (SMCA). It will be a competitive contract with at least 4 option years.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (FMU-152/B JOINT PROGRAMMABLE FUZE)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$31,913	\$41,487	\$47,449					
<p>Description:</p> <p>FY2008 funding totals include \$0.438M of appropriated supplemental funding. FY2009 funding totals do not include \$3.659M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$7.206M requested for Overseas Contingency Operations.</p> <p>The FMU-152/B Joint Programmable Fuze (JPF) is a Joint AF/Navy multi-function unitary fuze developed and procured for the Joint Direct Attack Munition and other conventional inventory weapons. The Air Force is the lead service for procurement of the JPF. The FMU-152/B provides a highly reliable bomb fuze with multiple arm times, instantaneous and multiple short and long delay detonation times, hard target survivability, cockpit programmability, and increased service/shelf life. The JPF is compatible with MK-80 series guided and unguided bombs. It will replace or supplement FMU-139, FMU-143, FMU-124, and M904/M905 fuzes, and provide the next generation of fuzing capability for hard target, general purpose, and guided bombs.</p> <p>This item is procured through the Air Armament Center, Eglin AFB, Florida.</p> <p>Items requested in FY2010 are identified on the following P-5, and are representative of items to be procured. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (FMU-152/B JOINT PROGRAMMABLE FUZE)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
HARDWARE									
FMU-152/B FUZE (1)	A	16,744	\$31,913	11,857	\$41,487	12,546	\$47,449		
TOTALS:		16,744	\$31,913	11,857	\$41,487	12,546	\$47,449		

Remarks:
 Cost information is in thousands of dollars.

(1) FY2008 funding totals include \$0.438M in supplemental funding.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (FMU-152/B JOINT PROGRAMMABLE FUZE)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
HARDWARE										
FMU-152/B FUZE										
FY2008(1-2)	16,744	\$1,906	AFMC/AAC	OPT/FFP	KAMANPRECISION PRODUCTS, INC./ ORLANDO, FL	Feb-08	Jul-09			
FY2009(1,3-4)	11,857	\$3,499	AFMC/AAC	OPT/FFP	KAMANPRECISION PRODUCTS, INC./ ORLANDO, FL	May-09	May-10	Yes		
FY2010(1,3-4)	12,546	\$3,782	AFMC/AAC	OPT/FFP	KAMANPRECISION PRODUCTS, INC./ ORLANDO, FL	Jan-10	May-11	Yes		
Remarks:										
Cost information is in actual dollars.										
This acquisition was initially competed under a full and open competition for priced production lots 1-5. It also included a Production Price Commitment Curve (PPCC) for the remaining quantities (production lots 6-9). Contractor notified the government that it cannot meet the PPCC for the remaining productions lots (6-9). Upon receipt of this notification, the JPF Program Office (JPO) issued a sources sought synopsis to examine the market for alternate qualified sources of supply, but found that no other source was available without unacceptable delay and substantial duplicative cost.										
(1) Contract has an FY1998 base year with 9 option years. Option 2 was not exercised until FY05.										
(2) FY2008 funds will procure lot 5.										
(3) Contract will be a firm fixed price contract using certified cost or pricing data for the remaining quantities of the JPF system.										
(4) FY2009-2010 will procure lots 6-7.										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (ITEMS LESS THAN \$5 MILLION)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$38,854	\$24,667	\$7,011					
<p>Description:</p> <p>FY2009 funding totals do not include \$2.669M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$3.884M requested for Overseas Contingency Operations.</p> <p>This category includes various fuzes to include inert training items that have an annual procurement value of less than \$5 million and are code A.</p> <p>Items requested in FY2010 are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
FUZES (LESS THAN \$5M)					
FUZE SET FMU-139 C/B (EC35)		1,805	\$4,513		
BOMB FUZE FMU-143T/B 120 MILSEC (ED28) (1)		106	\$409		
BOMB FUZE FMU-143S/B 60 MILSEC (ED29) (2)		495	\$1,885		
BOMB FUZE FMU-143R/B 30 MILSEC (ED30)		52	\$203		
TOTALS:			\$7,011		

Remarks:

Cost information is in thousands of dollars.

- (1) ED28 replaces F799, EB58 and EC85.
- (2) ED29 replaces F809, F800 and EC84.
- (3) ED30 replaces F801.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SMALL ARMS				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$31,734	\$8,142	\$6,162					
<p>Description:</p> <p>FY2008 funding totals include \$23.407M of appropriated supplemental funding. FY2009 funding totals do not include \$3.100M requested for Overseas Contingency Operations. FY2010 funding totals do not include \$21.637M requested for Overseas Contingency Operations.</p> <p>This Small Arms line encompasses small caliber, hand fired weapons (pistols and rifles) used to support air base ground defense, aircrew protection, Office of Special Investigations, security functions, and other activities requiring small, portable firearms. This line also procures various accessories needed to improve or maintain existing weapons.</p> <p>Representative items requested in FY2010 are identified on the following P-40A-IL. Items procured during execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: SMALL ARMS			
PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
EOD SOFT MOUNT	1005014449514	9	\$8		
MODULAR COMBAT SHOTGUN	1005015244273	7	\$4		
M107 SNIPER RIFLE (.50-CAL)	1005014692133	25	\$304		
M240B MACHINE GUN	1005014123129	47	\$333		
M11 COMPACT PISTOL (9MM)	1005013368265	10	\$6		
M203A2 GRENADE LAUNCHER		571	\$628		
IMPROVED PVS-10		17	\$1,032		
M-4 CARBINE	1005012310973	854	\$1,690		
M-24 SNIPER RIFLE		10	\$65		
M249 AUTOMATIC RIFLE	1005011277510	117	\$511		
X4 TELESCOPE	1240014126608	100	\$83		
LASER RG FIND		102	\$1,471		
M-4A1 CARBINE	1005013820953	19	\$22		
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: SMALL ARMS		
PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
M1187PEODSHOTGUN	1005013125895	10	\$5		
TOTALS:			\$6,162		
<p>Remarks: Cost information is in thousands of dollars.</p>					
	P-1 ITEM NO 13		PAGE NO: 133		Page 2 of 2

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DEPARTMENT OF THE AIR FORCE



PROCUREMENT PROGRAM

**FISCAL YEAR (FY) 2010 OVERSEAS
CONTINGENCY OPERATIONS REQUEST**

PROCUREMENT OF AMMUNITION

SUBMITTED TO CONGRESS MAY 2009

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DEPARTMENT OF THE AIR FORCE
PROCUREMENT OF AMMUNITION
OVERSEAS CONTINGENCY OPERATIONS REQUEST
FOR FISCAL YEAR 2010

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PROCUREMENT OF AMMUNITION, AF

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12	Fuzes.....	50
13	Small Arms.....	57

FY 2010 Overseas Contingency Operations Supplemental - Procurement P-1 Exhibit

Appropriation	BA	P-1 Line	Line Item Name	Quantity	FY10 OCO Request (\$000)
PAAF	01	1	Rockets		\$ 3,488
PAAF	01	2	Cartridges		\$ 39,236
PAAF	01	4	General Purpose Bombs		\$ 34,085
PAAF	01	5	Joint Direct Attack Munitions	3,860	\$ 97,978
PAAF	01	7	Explosive Ordinance Disposal (EOD)		\$ 4,800
PAAF	01	11	Flares		\$ 41,000
PAAF	01	12	Fuzes		\$ 14,595
PAAF	02	13	Small Arms		\$ 21,637
Total PAAF					\$ 256,819

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$0	\$3,488	\$0	\$0	\$0	\$0	\$0
<p>Description: FY2009 funding does not include \$5,600K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>All items have an annual procurement value of less than \$5,000,000 and are Code A.</p> <p>These items are procured through the U.S Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama.</p> <p>Items requested in FY2010 War Supplement are identified on the following P-40A-IL and are representative of items to be procured. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 1		PAGE NO: 1		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
ROCKETS (ITEMS LESS THAN \$5 MILLION)					
WHD 2.75 RKT SMK M156 PD M427 (H855)	1340007825848	3,799	\$1,325		
2.75 INCH ROCKET MOTOR (HA07)	1340014464096	5,000	\$2,163		
TOTALS:			\$3,488		

Remarks:

Cost information is in thousands of dollars.

Production facility is used by other agencies and other products.

P-1 ITEM NO 1	PAGE NO: 2	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)			\$39,236					
<p>Description: FY2009 funding does not include \$21,884K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>The items within this category include various bullets, expulsion devices (impulse cartridges) and airborne counter measures used to support training qualification and war reserve requirements. Impulse cartridges are used to expel an asset from its mating system (an adapter rack or casing).</p> <p>Representative items requested in FY2010 are identified on the following P-40A.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
CARTRIDGES (OVERVIEW)									
30MM HEI PGU-13/B (B104)	A					340,591	\$18,102		
30MM PGU-15/B (B116)	A					462,750	\$8,818		
ITEMS LESS THAN 5 MILLION DOLLARS	A						\$12,316		
TOTALS:							\$39,236		

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30MM HEI PGU-13/B B104)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$0	\$18,102	\$0	\$0	\$0	\$0	\$0
<p>Description:</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>The 30MM HEI PGU-13/B is a High Explosive Incendiary (HEI) round that is used with the GAU-8/A cannon on the A-10 aircraft. This round contains an explosive material that is used against light armor and personnel.</p> <p>This item is procured through the Single Manager for Conventional Ammunition (SMCA)</p> <p>Representative items requested in FY2010 are identified on the following P-5.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (30MM HEI PGU-13/B B104)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
CARTRIDGES (30MM HEI PGU-13/B B104)													
30MM HEI PGU-13/B	A							340,591	\$53	{\$18,056}			
LOAD, ASSEMBLE, PACK (LAP)								340,591	\$50	\$17,021			
CONTAINER CNU-332E								593	\$1,364	\$809			
TUBE AND STRAP ASSEMBLY F/30MM								593	\$381	\$226			
PRODUCTION SUPPORT													
QUALITY ASSURANCE										\$18			
ACCEPTANCE TESTING										\$28			
TOTALS:								340,591		\$18,102			

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 2		PAGE NO: 6	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30MM HEI PGU-13/B B104)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
CARTRIDGES (30MM HEI PGU-13/B B104)										
30MM HEI PGU-13/B										
FY2010(1)	340,591	\$53	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/UNKNOWN	Mar-10	Mar-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2010 procurement will be an option of the FY2009 Basic contract.</p>										
P-1 ITEM NO 2			PAGE NO: 7			Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: MAY 2009		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B - B116)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$0	\$8,818	\$0	\$0	\$0	\$0	\$0
<p>Description: FY2009 funding does not include \$9,562K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>The 30MM Target Practice (TP) cartridge is a solid, inert projectile used to train aircrew in the use of the GAU-8/A cannon on the A-10 aircraft. The cartridge is mechanically primed and has no fuze, while the projectile is a solid slug designed to match the ballistics of high explosive incendiary and armor piercing incendiary cartridges.</p> <p>This item is procured through the Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5.</p>								
	P-1 ITEM NO 2		PAGE NO: 8		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)									DATE: MAY 2009				
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B - B116)									
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
30MMTP	A							462,750	\$18.56	{\$8,591}			
LOAD,ASSEMBLE,PACK								462,750	\$17.68	\$8,181			
CONTAINER CNU-332E (1)								808	\$126.11	\$102			
TUBE AND STRAP ASSEMBLY								808	\$380.60	\$308			
PRODUCTION SUPPORT													
QUALITY ASSURANCE										\$17			
ACCEPTANCE TESTING										\$210			
TOTALS:								462,750		\$8,818			
<p>Remarks: Total Cost information is in thousands of dollars.</p> <p>(1) FY2010 and FY2011 plans are for refurbished containers and those costs are reflected on both the AF and SMCA P5s.</p>													
P-1 ITEM NO 2				PAGE NO: 9				Page 1 of 1					

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B - B116)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
30MM TP										
FY2010(1)	462,750	\$18.56	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GD-OTS/MARIAN, IL/ ALLIANT TECH/MN	Jan-10	Jan-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Contract has an FY07 base year with 4 option years. Each year when the options are exercised, contracts will be awarded/split between GD-OTS and ATK based on past performance.</p>										
			P-1 ITEM NO 2			PAGE NO: 10				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: MAY 2009		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)					
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY	0	0						
COST (in Thousands)	\$0	\$0	\$12,316	\$0	\$0	\$0	\$0	\$0
Description: FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION: All items have an annual procurement of less than \$5,000,000 and are Code A. Representative items requested in FY2010 are identified on the following P-40A-IL.								
	P-1 ITEM NO 2			PAGE NO: 11				Page 1 of 1

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
CARTRIDGES (ITEMS LESS THAN \$5 MILLION)					
7.62 BALL 4-1 (A131)	1305008922150	128,090	\$114		
7.62 CARTRIDGE M80 4-1 (A165)	1305009263942	186,977	\$170		
7.62MM BALL TRACER 9/1 (A168)	1305001523292	611,270	\$640		
7.62MM BALL DIM TRACER (A257)	1305013809803	553,400	\$369		
.50 CAL BALL LINK (A555)	1305000286574	144,444	\$416		
.50 API/API (A576)	1305000286603	1,000,000	\$372		
7.62MM AP 4-1 M993 (AA04)	1305013981449	64,651	\$139		
20MM PGU-28 (AA22)	1305014518675	16,367	\$447		
20MM PGU-27 (AA24)	1305014518566	37,519	\$472		
.50 CAL DIM TRACER (AA50)	1305014734766	34,449	\$432		
30MM HEI/API (B103)	1305014666296	25,185	\$1,020		
SIGNAL CXU-3A/B (COLD) (F470)		2,569	\$13		
	P-1 ITEM NO 2		PAGE NO: 12		Page 1 of 2

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
SIGNAL MK-4 MOD 3 (F562)	1325014950239	11,457	\$50		
CART IMP ARD 863-1 3000# (M189)	1377013692492	17,811	\$80		
CTG, IMP MK2 MOD 1 (M190)		119	\$12		
BBU-36 IMPULSE CARTRIDGE (MG11)	1377010378650	139,692	\$226		
BBU-35 IMP CART (MG62)	1377014561933	340,910	\$600		
SQUIB, ELECTRIC BBU-46A/B (MT40)	1377014361106	2,154	\$75		
CTG, CHAFF, RR-196T-1)AL (NY02)	5865015537532	16,441	\$678		
RR-180 CHAFF (SY16)	1370012705149	4,949	\$42		
ARD 446-1/B IMPULSE CARTRIDGE (WB33)	1377014821555	7,750	\$49		
9MM BALL (A363)	1305011729558	17,058,824	\$2,900		
9MM BALL FRANGIBLE (AA16)		10,000,000	\$3,000		
TOTALS:			\$12,316		

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 2		PAGE NO: 13	Page 2 of 2
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (OVERVIEW)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$5,616		\$34,085					
<p>Description: FY2009 funding does not include \$36,700K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>The General Purpose (GP) Bombs category includes all high explosive air delivered bombs and associated fins and guidance kits. The warfighter delivers these munitions via fighter or bomber aircraft in support of both training and wartime contingency taskings. GP Bombs can be used as either unguided weapons or as guided munitions after the installation of a guidance and control kit.</p> <p>Items requested in FY2010 are identified on the following P-40A and are representative of items to be procured.</p>								
	P-1 ITEM NO 4		PAGE NO: 14		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
BLU-111 500LB IM FILL	A					1,839	\$9,407		
BLU117 2000 LB GP BOMB (ED02)	A	123	\$1,941			328	\$8,258		
GBU-10/12 COMPUTER CONTROL GROUP	A	203	\$2,202			915	\$10,203		
MXU-650 FIN ASSEMBLY	A	412	\$1,473			1,475	\$5,492		
ITEMS LESS THAN 5 MILLION GP BOMBS	A						\$725		
TOTALS:			\$5,616				\$34,085		

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 4		PAGE NO: 15		Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: MAY 2009		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$0	\$9,407	\$0	\$0	\$0	\$0	\$0
<p>Description: FY2009 funding does not include \$6,756K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST:</p> <p>The thermally-protected BLU-111 General Purpose (GP) Bomb is identical to the MK-82 (a 500 lb bomb), with the exception of the explosive filler. It has a relatively thin case with a slender body designed for improved ballistics. These bombs are employed as general purpose bombs delivered in high and low drag modes with ground burst, delayed or air burst fuzes and as precision guided munitions and aerial mines depending on the fin/airfoil group and fuzing.</p> <p>This item is procured through the Single Manager for Conventional Ammunition (SMCA).</p>								
	P-1 ITEM NO 4		PAGE NO: 16		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL)													
BLU-111A/B 500LB	A							1,839	\$5,108	(\$9,394)			
LOAD, ASSEMBLY, PACK (LAP)								1,839	\$500	\$919			
RECEIPT BOMB MK82-1 500 LB								1,825	\$5	\$10			
BOMB BODY BLU-111								1,825	\$1,264	\$2,307			
TNT TYPE I FLAKE LB													
ALUMINUM POWDER LB													
LUG SUSPENSION MS3314								3,644	\$21	\$77			
PBXN 109 190 LB/BOMB (1)								349,669	\$17	\$6,006			
PALLET MHU-149/E													
GFMPALLET MHU-149/E								305	\$156	\$48			
PALLET INSPECTION, MHU 149/E								305	\$92	\$28			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING										\$9			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)										DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15								
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
QUALITY ASSURANCE										\$4			
TOTALS:								1,839		\$9,407			
<p>Remarks: Total Cost information is in thousands of dollars.</p> <p>Pallets are provided as Government Furnished Materiel (GFM), Single Manager for Conventional Ammunition (SMCA) charges to inspect the pallets.</p> <p>(1) FY2010 funding will procure CXM-7 filled 500LB Bombs. Prices for the CXM-7 fill were provided by the Single Manager for Conventional Ammunition (SMCA).</p>													
P-1 ITEM NO 4				PAGE NO: 18				Page 2 of 2					

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15					
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL)									
BLU-111A/B 500LB									
FY2010(1)	1,839	\$5,108	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/ARMY/MCAAP, OK	Jan-10	Sep-11	Yes	
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2010 procurement is for new CXM filled bombs. CXM procurement method/type will be competitive and the bomb body will be sole-source.</p>									
P-1 ITEM NO 4			PAGE NO: 19			Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$1,941	\$0	\$8,258	\$0	\$0	\$0	\$0	\$0
<p>Description: FY2009 funding does not include \$13,256K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>The BLU-117 is a 2,000-pound class general purpose bomb. The bomb produces blast and fragmentation effects and can be used as either an unguided high or low drag weapon. When used with a guidance kit, it can be employed as a precision guided bomb. The warhead is used on the Paveway II, Paveway III, GBU-15, and Joint Direct Attack Munition weapon systems. The BLU-117 can also be fuzed with proximity, instantaneous, or delayed fuzes to provide a variety of military effects.</p> <p>The nomenclature changed from MK-84 2000 LB GP BOMB - F275 to BLU-117 2000 LB GP BOMB - ED02 and then to BLU-117B/B - ED09. The BLU-117 2000 LB GP BOMB is an Insensitive Munition (IM) compliant version of the MK-84 2000 LB GP BOMB.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)										DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)								
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-117 2000 LB GP BOMB - ED02 (1)	A	123	\$15,524	{\$1,909}				328	\$25,071	{\$8,223}			
BLU-117 BOMBBODY		123	\$6,079	\$748				328	\$3,904	\$1,281			
RECEIPT OF GFM MATERIAL		123	\$17	\$2				328	\$16	\$5			
LOAD ASSEMBLE & PACK/CXM-AF7		123	\$3,525	\$434				328	\$3,772	\$1,237			
CXM-AF7 (LB)		75,260	\$9	\$677				322,308	\$17	\$5,537			
LUG SUSP MK3		248	\$50	\$12				672	\$53	\$36			
PALLET MK79		59	\$616	\$36				178	\$715	\$127			
PRODUCTION SUPPORT													
QUALITY ASSURANCE (2)				\$3						\$3			
NAVY ENGINEERING SUPPORT				\$29						\$32			
TOTALS:				\$1,941						\$8,258			
<p>Remarks: Total Cost information is in thousands of dollars.</p> <p>(1) FY2008 funding totals include \$1.941M in supplemental funding, which procured MK-84, (the tritonal version of the BLU-117).</p> <p>(2) Quality assurance consists of funding for Army personnel to travel to production facilities.</p>													
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
BLU-117 2000 LB GP BOMB - ED02(2)										
FY2008(1)	123	\$15,524	AFMC/OO-ALC	MIPR/OPT/FFP W/OPT	ARMY/ARMY/OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-08	Sep-09			
FY2010(2)	328	\$25,071	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/ARMY/OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-10	Sep-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>General Dynamics Ordnance and Tactical Systems, Garland, TX, produces the bomb bodies. McAlester Army Ammunition Plant Loads, Assembles, and Packs (LAP) the bombs.</p> <p>(1) Contract has an FY2006 base year with 4 option years. (2) FY10 War Budget procurement will be added to the new Basic Contract which will be established for orders beginning in FY2010. Contract has 4 option years.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-10/12 COMPUTER CONTROL GROUP)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$2,202		\$10,203	\$0	\$0	\$0	\$0	\$0
<p>Description: FY2009 funding does not include \$10,714K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION: FY2010 OCO Request is to replenish inventory used in support of Operation Enduring Freedom and Iraqi Freedom.</p> <p>The GBU-10/12 Computer Control Group is a laser homing guidance unit used on the GBU-10 (MK-84 Warhead, 2000lb class) or GBU-12 (MK-82 Warhead, 500lb class) PAVEWAY II Laser Guided Bomb (LGB). The PAVEWAY II system has folding wings which open upon release for maneuverability and increased aircraft payload. These weapons are primarily used for precision bombing against hardened and non-hardened targets.</p> <p>The most current GBU10/12 Computer Control Group procured are the (Raytheon) MAU-169 L/B and (Lockheed Martin) MAU-209 B/B. The Raytheon MAU-169 H/B is a legacy system replaced by the MAU-169 L/B.</p> <p>This item is procured through the Ogden Air Logistics Center.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-10/12 COMPUTER CONTROL GROUP)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
GBU-10/12 COMPUTER CONTROL GROUP (1)	A	203	\$10,849	{ \$2,202 }				915	\$11,151	{ \$10,203 }			
GBU-10/12 COMPUTER CONTROL GROUP KIT		203	\$10,585	\$2,149				915	\$10,880	\$9,955			
PALLET		22	\$5					102	\$9	\$1			
CONTAINER CNU-317		203	\$263	\$53				915	\$271	\$248			
TOTALS:		203		\$2,202				915		\$10,203			

Remarks:
Total Cost information is in thousands of dollars.

(1) FY2008 funding totals include \$2.202M in supplemental funding.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-10/12 COMPUTER CONTROL GROUP)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
GBU-10/12 COMPUTER CONTROL GROUP										
FY2008(1)	203	\$10,849	AFMC/OO-ALC	OPT/IDIQ	LOCKHEEDMARTIN/ ARCHBALD,PA/ RAYTHEON/TUCSON,AZ	Apr-09	May-09	Yes		
FY2010(2)	915	\$11,151	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	Jul-10	Jul-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>FY2009 is the last year of base year + 6 options IDIQ Contract to Lockheed Martin and Raytheon. Follow-on IDIQ contract to Lockheed Martin and Raytheon currently in work for FY2010 and beyond.</p> <p>(1) FY2008 procurement is an option of FY2003 basic contract with 6 option years and was split between Raytheon and Lockheed.</p> <p>(2) FY2010 procurement will be placed on a new basic contract with at least 4 option years. Contract might be split between Raytheon and Lockheed depending upon offers received.</p>										
			P-1 ITEM NO 4				PAGE NO: 25	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: MAY 2009		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$1,473		\$5,492	\$0	\$0	\$0	\$0	\$0
<p>Description: FY2009 funding does not include \$5,420K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION: FY2010 OCO request to replenish inventory used in Operation Enduring Freedom and Operation Iraqi Freedom.</p> <p>The MXU-650 Fin Assembly consists of a tail fin and forward canards used on the GBU-12 (MK-82 Warhead, 500lb class) PAVEWAY II Laser Guided Bomb (LGB). The PAVEWAY II system has folding wings which open upon release for increased maneuverability. These weapons are primarily used for precision bombing against non-hardened targets.</p> <p>The most recent configurations of MXU-650 Fin Assembly procured are the (Raytheon) EC32, MXU-650 C/B and the (Lockheed Martin) EC29, MXU-650 D/B. The MXU-650/B is a legacy model no longer in production.</p> <p>This item is procured through the Ogden Air Logistics Center.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
GENERAL PURPOSE BOMBS (MXU-650 GBU-12 (EC32, EC29)) (1)													
MXU-650 GBU-12	A	412	\$3,575	{\$1,473}				1,475	\$3,723	{\$5,492}			
MXU-650/BKIT		412	\$3,325	\$1,370				1,475	\$3,465	\$5,111			
PALLET		45	\$3					737	\$7	\$5			
DRUM CONTAINER (YY52)		412	\$250	\$103				1,475	\$255	\$376			
TOTALS:		412		\$1,473				1,475		\$5,492			

Remarks:
Total Cost information is in thousands of dollars.

(1) FY2008 funding totals include \$1.473M in supplemental funding.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
MXU-650 GBU-12										
FY2008(1)	412	\$3,575	AFMC/OO-ALC	OPT/FFP	LOCKHEEDMARTIN/ ARCHBALD,PA/ RAYTHEON/TUCSON,AZ	Jun-08	Jun-09			
FY2010(2)	1,475	\$3,723	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	Jul-10	Jul-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>FY2009 is the last year of base year + 6 options IDIQ Contract to Lockheed Martin and Raytheon. Follow-on IDIQ contract to Lockheed Martin and Raytheon currently in work for FY10 and beyond.</p> <p>(1) FY2008 is an options of the FY2003 basic contract. FY2008 GWOT funds will be executed on an existing contract.</p> <p>(2) FY2010 procurement will be a new basic contract with at least 4 option years.</p>										
			P-1 ITEM NO 4			PAGE NO: 28				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)
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	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY			0					
COST (in Thousands)	\$0	\$0	\$725	\$0	\$0	\$0	\$0	\$0

Description:
FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:

All items have a procurement value of less than \$5,000,000. Representative items requested in FY2010 are identified on the following P-40A-IL.

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)					
LANYARDELA (EA67)		897	\$16		
KEVLAR LANYARD 36 INCH (EA99)		1,323	\$19		
BLU-109C/B AFX-757 FILLED		16	\$380		
BSU-33 FIN, MK82 GP BOMB (F782)		3,184	\$293		
NOSE SUPPORT CUP (FW26)		1,882	\$17		
TOTALS:			\$725		

Remarks:
 Cost information is in thousands of dollars.

BLU-109C/B AFX-757 FILLED: Price is IAW SMCA Price List, dated 18 Nov 08, for DODIC EC72 BLU-109B/B PBXN Filled.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40M)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION
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	PRIOR YEARS	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
Quantity		502		3,860						4,362
Gross Cost (\$M)	\$0	\$12.066	\$0	\$97.978	\$0	\$0	\$0	\$0	\$0	\$110.044
Initial Spares (\$M)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total (\$M)	\$0	\$12.066	\$0	\$97.978	\$0	\$0	\$0	\$0	\$0	\$110.044
Flyaway Unit Cost (\$M)	\$0	\$0.024	\$0	\$0.025	\$0	\$0	\$0	\$0	\$0	\$0.025
Wpn Sys Proc Unit Cost (\$M)	\$0	\$0.024	\$0	\$0.025	\$0	\$0	\$0	\$0	\$0	\$0.025

Description:
(Dollars in Thousands)

FY2009 funding does not include \$85,400K FY09 OCOSR supplemental request still pending Congressional consideration.

FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:

FY2010 OCOR Budget provides \$97.978K to replenish inventory used to support Operations Enduring Freedom and Iraqi Freedom.

The Joint Direct Attack Munition (JDAM) program is a joint Air Force/Navy program with the Air Force as lead service. Designated ACAT 1C, this program upgrades the existing inventory of general purpose bombs (MK-84, BLU-109/B, MK-82 and MK-83) by integrating the bombs with a field installed guidance kit that uses a global positioning system aided inertial navigation system (GPS/INS). JDAM provides an accurate, adverse weather capability. JDAM is integrated with the B-52H, B-2A, B-1B, F-16C/D, F/A-18A+/C/D/E/F, F-15E, AV-8B, A/OA-10 and F-22A aircraft. Follow-on integrations with the MQ-9 and F-35 are in progress.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
JOINT DIRECT ATTACK MUNITION		502		{ \$12,066 }				3,860		{ \$97,978 }			
AIRFRAME	A	502	\$23,768	\$11,932				3,860	\$25,127	\$96,990			
CONTRACTOR INCENTIVE				\$134						\$988			
TOTALS:		502		\$12,066				3,860		\$97,978			

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 5		PAGE NO: 32	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
JOINT DIRECT ATTACK MUNITION										
AIRFRAME										
FY2008	502	\$23,768	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	Dec-08	Apr-10			
FY2010	3,860	\$25,127	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	Dec-10	Apr-12	Yes		
Remarks: Cost information is in actual dollars. The JDAM FY2010 OCOR takes into consideration the potential late release of the FY2010 OCOR funds which will be several months after the basic JDAM production contract award for Lot 14 (FY10 funds). Consequently, the FY2010 OCOR contract will be awarded with the basic JDAM Lot 15 contract.										
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AF FORM 1537(THEN YEAR DOLLARS)				
WEAPON SYSTEM BUDGET ESTIMATE (DOLLARS IN MILLIONS)	WEAPON SYSTEM: JDAM	CONTRACTOR: BOEING	AS OF DATE: MAY 2009	APPN: 3011
CATEGORY TY\$ FY10PB	EQUIP: MUNITIONS	REPORT CONTROL SYMBOL:	PREPARED BY: ACC/YU	
PE: 27583F BPAC: 351010				

DESCRIPTION	PRIOR YEARS	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
QUANTITY OF AURs		502		3,860						4,362
RECURRING HARDWARE	\$0	\$11.932	\$0	\$96.990	\$0	\$0	\$0	\$0	\$0	\$108.922
ECO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CONTRACTOR INCENTIVE	\$0	\$.134	\$0	\$.988	\$0	\$0	\$0	\$0	\$0	\$1.122
FLYAWAY COST	\$0	\$12.066	\$0	\$97.978	\$0	\$0	\$0	\$0	\$0	\$110.044
TEST EQUIPMENT (CMBRE)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
AIRBORNE TEST EQUIPMENT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DATA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROGRAM MGMT./ADMIN REQ	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SYSTEM TEST & EVALUATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TRAINING	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROD. SUSTAINING ENGINEERING	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SEEK EAGLE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ALT. DISPUTE RESOLUTION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DELIVERY ACCELERATION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WEAPON SYSTEM COST	\$0	\$12.066	\$0	\$97.978	\$0	\$0	\$0	\$0	\$0	\$110.044
INITIAL SPARES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROCUREMENT COST	\$0	\$12.066	\$0	\$97.978	\$0	\$0	\$0	\$0	\$0	\$110.044
TOTAL PROGRAM (TY\$)	\$0	\$12.066	\$0	\$97.978	\$0	\$0	\$0	\$0	\$0	\$110.044
APPROVED PROGRAM (TY\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
DELTA (TY\$)	\$0	\$12.066	\$0	\$97.978	\$0	\$0	\$0	\$0	\$0	\$110.044

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: EXPLOSIVES ORDNANCE DISPOSAL (EOD)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)			\$4,800					
<p>Description: FY2009 funding does not include \$3,000K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>Explosive Ordnance Disposal (EOD)/Civil Engineering Demolition Material, Tools and Equipment includes all explosives, explosive tools and related equipment to render unexploded ordnance safe. EOD items are used in deployment packages, base response assets and range clearance resources in support of peacetime and contingency operations. These items are certified for use by the Air Force Non-Nuclear Munitions Safety Board (NNMSB) and the Department of Defense Explosives Safety Board (DDESB).</p> <p>Representative items requested in are identified on the following P-40A.</p>								
	P-1 ITEM NO 7		PAGE NO: 35		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: EXPLOSIVES ORDNANCE DISPOSAL (EOD)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
EXPLOSIVES ORDNANCE DISPOSAL (EOD) (1)									
RTR-4NL	A					198	\$1,008		
PORTABLE X-RAY SOURCE	A					198	\$3,792		
TOTALS:						396	\$4,800		

Remarks:
 Cost information is in thousands of dollars.

(1) FY10 Procurement to be placed on GSA contract.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (OVERVIEW)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$103,712		\$41,000					
<p>Description:</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>Flares are dispensed from a variety of aircraft to either protect the aircraft by decoying enemy heat-seeking missiles or as an illumination source for reconnaissance, target marking, emergency night landings, or search and rescue.</p> <p>Items requested in FY2010 are identified on the following P-40A and are representative of items to be procured.</p>								
	P-1 ITEM NO 11		PAGE NO: 37		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
FLARES (OVERVIEW)									
MJU-7A/B IR FLARE (L463)	A	428,571	\$15,000			131,434	\$6,142		
MJU-64 IR FLARE (LA43)	A	57,440	\$6,145			94,156	\$8,214		
ALA-17B FLARE CARTRIDGE (LY12)	A	2,920	\$1,666			12,332	\$7,182		
ITEMS LESS THAN \$5 MILLION	A		\$80,901				\$19,462		
TOTALS:			\$103,712				\$41,000		

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-7A/B IR FLARE - L463)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$15,000	\$0	\$6,142	\$0	\$0	\$0	\$0	\$0
<p>Description:</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>The MJU-7A/B is an infrared countermeasures flare used by F-15 and F-16 aircraft against heat seeking missiles. It is dispensed from ALE-40 countermeasure dispensers. The MJU-7A/B flare is a pyrotechnic candle that creates an infrared signature, acting as a decoy against heat seeking missiles. The flare candle is ejected from the dispenser by a small explosive cartridge (BBU-36/B Impulse Cartridge) contained in the flare case.</p> <p>This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).</p> <p>Representative items requested in FY2010 are identified on the following P-5.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-7A/B IR FLARE - L463)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2008			FY2009			FY2010			FY2011		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
MJU-7A/BIR FLARE	A	428,571	\$35	\$14,994				131,434	\$47	\$6,138			
QUALITY ASSURANCE				\$6						\$4			
TOTALS:		428,571		\$15,000				131,434		\$6,142			

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-7A/B IR FLARE - L463)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
MJU-7A/B IR FLARE										
FY2008(1)	428,571	\$35	AFMC/OC-ALC	MIPR/OPT/FP	ARMY/ARMTEC/CAMDEN, AR/KILGORE/TOONE, TN	Mar-09	May-09			
FY2010(2)	131,434	\$47	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ARMTEC/CAMDEN, AR/KILGORE/TOONE, TN	Mar-10	Jan-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 contract was an option off the FY2004 basic contract. GWOT was added to current contract which was a split award between ARMTEC and KILGORE.</p> <p>(2) FY2010 will be an option of the FY2009 basic contract.</p>										
			P-1 ITEM NO 11				PAGE NO: 41	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-64 IR CM FLARE - LA43)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$6,145	\$0	\$8,214	\$0	\$0	\$0	\$0	\$0
<p>Description:</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>The MJU-64/B replaces the M211. It is a hermetically sealed aluminum case purged with nitrogen containing a payload of stacked special material elements which react to air. When deployed into the air stream, the special material reacts to emit an infrared signal to decoy infrared seeking missiles. This flare is required to provide the C-130 and A-10 aircraft and HH-53 and HH-60 helicopters protection against advanced air-to-air and surface-to-air infrared weapon systems.</p> <p>This item is procured by Ogden ALC through the Navy.</p> <p>Representative items requested in FY2010 are identified on the following P-40A.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-64 IR CM FLARE - LA43)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MJU-64 IR CM FLARE - LA43	A	57,440	\$6,145			94,156	\$8,214		
TOTALS:			\$6,145				\$8,214		

Remarks:
Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-64 IR CM FLARE - LA43)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
MJU-64 IR CM FLARE - LA43										
FY2008(1)	57,440	\$107	AFMC/OC-ALC	MIPR/OPT/FFP	ARMY/ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Sep-08	Sep-09			
FY2010(2)	94,156	\$87	AFMC/OO-ALC	MIPR/OPT/FFP	NAVY/ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Dec-09	Dec-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 procurement was added to a Navy contract. (2) The MJU-64 FY2009 procurement will be a new Basic IDIQ contract with at least 4 option years.</p>										
			P-1 ITEM NO 11				PAGE NO: 44	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ALA-17C FLARE - LY12)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$1,666	\$0	\$7,182	\$0	\$0	\$0	\$0	\$0
<p>Description:</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>The ALA-17C IR countermeasure flare is a two cartridge flare consisting of an upper and lower pellet contained in an 1 1/4 inch by 2 and 3/4 inch diameter aluminum housing (cartridge case). This flare is used to defeat missile threats on the B-52 bomber aircraft. Eight double pellet flare cartridges are installed in an ALA-17 flare rack that is loaded on the B-52 bomber in an AN/ALE-20 ejector set or dispenser. The bottom flare pellet is deployed first and then the upper flare pellet. Both pellets are ignited and deployed into the B-52 air stream by the use of two internal individual squibs.</p> <p>This item is currently procured through the Ogden Air Logistics Center.</p> <p>Representative items requested in FY2010 are identified on the following P-40A.</p>								
	P-1 ITEM NO 11		PAGE NO: 45		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (ALA-17C FLARE - LY12)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
ALA-17C FLARE - LY12	A	2,920	\$1,666			12,332	\$7,182		
TOTALS:		2,920	\$1,666			12,332	\$7,182		

Remarks:
Cost information is in thousands of dollars.

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ALA-17C FLARE - LY12)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
ALA-17C FLARE - LY12										
FY2008(1)	2,920	\$571	AFMC/OO-ALC	SS/FFP W/OPT	KILGORE CORP/TOONE, TN	Jun-09	Aug-09	Yes		
FY2010(2)	12,332	\$582	AFMC/OO-ALC	OPT/FFP	KILGORE CORP/TOONE, TN	Mar-10	Apr-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY2008 and FY2009 procurements are combined on an FY2009 basic contract which has at least 4 option years. SMCA has determined that it cannot support the AF as a Single Manager for this item.</p> <p>(2) FY2010 War Budget order will be placed on an FY2009 basic contract which has 4 option years.</p>										
			P-1 ITEM NO 11			PAGE NO: 47	Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$80,901		\$19,462					
Description: FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION: All listed items on the following P-40A-IL have an FY2010 procurement value of less than \$5,000,000 and are Code A.								
	P-1 ITEM NO 11			PAGE NO: 48				Page 1 of 1

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
FLARES (ITEMS LESS THAN \$5 MILLION)					
MJU-50(LA19)		80,305	\$4,868		
SIGNL, SMOKE&ILLUM MK 124 MOD 0 (L283)	1370011443561	1,857	\$110		
MJU-62/B FLARE (LA36)	1370015047743	9,029	\$1,770		
MJU-10/B FLARE (L461)	1370012631602	22,668	\$3,144		
FLARE, IR CM, M206 (L410)	1370010482138	172,638	\$4,701		
MJU-23 FLARE (L462)	1370014358569	6,174	\$3,584		
MJU-51/B FLARE (LA20)	1370015442965	7,565	\$933		
MJU-53/B FLARE (LA21)	1370015031455	6,991	\$352		
TOTALS:			\$19,462		
<p>Remarks: Cost information is in thousands of dollars.</p>					
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (OVERVIEW)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$438		\$14,595					
<p>Description: FY2009 funding does not include \$6,800K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>A bomb fuze initiates the explosive train of a bomb at the appropriate time to fulfill mission requirements. Normally, fuzes are placed in both the nose and tail of the bomb to increase functional reliability. The Fuze category includes the FMU-152/B Joint Programmable Fuze.</p> <p>Items requested in FY2010 are identified on the following P-40A, and are representative of items to be procured.</p>								
	P-1 ITEM NO 12		PAGE NO: 50		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
FUZES (OVERVIEW)									
FMU-152/B JOINT PROGRAMMABLE FUZE	A	114	\$438			1,817	\$7,206		
ITEMS LESS THAN 5 MILLION DOLLARS	A						\$7,389		
TOTALS:			\$438				\$14,595		

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (FMU-152/B JOINT PROGRAMMABLE FUZE)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$438		\$7,206					
<p>Description: FY2009 funding does not include \$3,659K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>The FMU-152/B Joint Programmable Fuze (JPF) is a Joint AF/Navy multi-function unitary fuze developed and procured for the Joint Direct Attack Munition and other conventional inventory weapons. The Air Force is the lead service for procurement of the JPF. The FMU-152/B provides a highly reliable bomb fuze with multiple arm times, instantaneous and multiple short and long delay detonation times, hard target survivability, cockpit programmability, and increased service/shelf life. The JPF is compatible with MK-80 series guided and unguided bombs. It will replace or supplement FMU-139, FMU-143, FMU-124, and M904/M905 fuzes, and provide the next generation of fuzing capability for hard target, general purpose, and guided bombs.</p> <p>This item is procured through the Air Armament Center, Eglin AFB, Florida.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (FMU-152/B JOINT PROGRAMABLE FUZE)
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PROCUREMENT ITEMS	ID CODE	FY2008		FY2009		FY2010		FY2011	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
HARDWARE (1-2)									
FMU-152/B FUZE (1-2)	A	114	\$438			1,817	\$7,206		
TOTALS:		114	\$438			1,817	\$7,206		

Remarks:
 Cost information is in thousands of dollars.

(1) FY2008 funding totals include \$0.438M in supplemental funding.

(2) The unit cost in FY2010 of \$3,964.47 is a result of applying a 3% inflation factor to the FY2009 unit cost of \$3,849.00, which is the Kaman Precision Products, Inc. proposed unit price. Negotiations between JPF contracting officer and Kaman Precision Products, Inc. will begin after 29 Apr 09.

Option 6 will be awarded by 31 May 2009.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: MAY 2009			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (FMU-152/B JOINT PROGRAMABLE FUZE)						
ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
HARDWARE										
FMU-152/B FUZE										
FY2008(1-2)	114	\$3,846	AFMC/AAC	OPT/FFP	KAMANPRECISION PRODUCTS, INC./ ORLANDO, FL	Feb-08	Jul-09			
FY2010(1-2)	1,817	\$3,966	AFMC/AAC	OPT/FFP	KAMANPRECISION PRODUCTS, INC./ ORLANDO, FL	Oct-09	Apr-11	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Contract has an FY1998 base year with 9 option years. Option 2 was not exercised until FY2005.</p> <p>(2) The maximum fuze quantity of 81,607 will be reached in Option 8, requiring a new contract to be awarded.</p>										
			P-1 ITEM NO 12				PAGE NO: 54	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (ITEMS LESS THAN \$5 MILLION)				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$0	\$0	\$7,389	\$0	\$0	\$0	\$0	\$0
<p>Description: FY2009 funding does not include \$3,079K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION: This category includes various fuzes to include inert training items that have an annual procurement value of less than \$5 million and are code A.</p>								
	P-1 ITEM NO 12		PAGE NO: 55		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
FUZES (LESS THAN \$5M)					
FUZE SET FMU-139 C/B (EC35)		1,554	\$3,884		
DSU-33D/B (KY70)		3,295	\$3,505		
TOTALS:			\$7,389		

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SMALL ARMS				
	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
QUANTITY								
COST (in Thousands)	\$23,407	\$0	\$21,637	\$0	\$0	\$0	\$0	\$0
<p>Description: FY2009 funding does not include \$3,100K FY09 OCOSR supplemental request still pending Congressional consideration.</p> <p>FY2010 OVERSEAS CONTINGENCY OPERATIONS REQUEST JUSTIFICATION:</p> <p>This Small Arms line encompasses small caliber, hand fired weapons (pistols and rifles) used to support air base ground defense, aircrew protection, Office of Special Investigations, security functions, and other activities requiring small, portable firearms. This line also procures various accessories needed to improve or maintain existing weapons.</p> <p>Representative items requested in FY2010 are identified on the following P-40A-IL.</p>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: MAY 2009	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: SMALL ARMS		
PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
EOD SOFT MOUNT	1005014449514	77	\$71		
M107 SNIPER RIFLE (.50-CAL)	1005014692133	93	\$1,132		
M240B MACHINE GUN	1005014123129	190	\$1,348		
M203A2 GRENADE LAUNCHER	1010014958511	218	\$240		
M-4 CARBINE	1005012310973	2,124	\$3,413		
M-24 SNIPER RIFLE	1005012402136	159	\$1,034		
M249 AUTOMATIC RIFLE	1005011277510	212	\$926		
X4 TELESCOPE	1240014126608	1,805	\$1,493		
LASER RG FIND	NSL	159	\$2,293		
M-4A1 CARBINE	1005013820953	665	\$771		
M2 (12.7MM MACHINE GUN)	1005003229715	266	\$4,296		
PVS10	5855014108979	162	\$3,240		
M3 TRIPOD	1005003229716	1,562	\$1,140		
	P-1 ITEM NO 13		PAGE NO: 58	Page 1 of 2	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: MAY 2009
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: SMALL ARMS
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PROCUREMENT ITEMS	NSN	FY2010		FY2011	
		QTY.	COST	QTY.	COST
M-9 PISTOL	1005011182640	221	\$83		
MOUNT, TRIPOD, M122A1	1005014331617	304	\$157		
TOTALS:			\$21,637		

Remarks:
Cost information is in thousands of dollars.

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