

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE



PROCUREMENT PROGRAM

**FISCAL YEAR (FY) 2008/2009
BUDGET ESTIMATES**

PROCUREMENT OF AMMUNITION

FEBRUARY 2007

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
PROCUREMENT OF AMMUNITION ESTIMATES
FOR FISCAL YEARS 2008/2009

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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, \$868,917,000 to remain available for obligation until September 30, 2010.

DEPARTMENT OF THE AIR FORCE
FY 2008 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3011F PROCUREMENT OF AMMUNITION, AIR FORCE

DATE: 25 JAN 2007

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2006		FY 2007		FY 2008		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 01: PROCUREMENT OF AMMO, AIR FORCE									
ROCKETS									
1	ROCKETS	A		35.8		51.2		18.2	U
CARTRIDGES									
2	CARTRIDGES	A		144.1		160.7		165.3	U
BOMBS									
3	PRACTICE BOMBS	A		14.1		15.0		26.1	U
4	GENERAL PURPOSE BOMBS	A		249.3		250.5		150.2	U
5	SENSOR FUZED WEAPON	A	332	118.8	305	118.4			U
6	JOINT DIRECT ATTACK MUNITION	A	8205	224.6	7261	174.3	3817	112.8	U
7	WIND CORRECTED MUNITIONS DISPENSER	A	70	15.5		14.6			U
FLARE, IR MJU-7B									
8	CAD/PAD	A		21.3		29.8		33.9	U
9	EXPLOSIVE ORDINANCE DISPOSAL (EOD)	A		9.4		3.1		3.2	U
10	SPARES AND REPAIR PARTS	A		4.3		4.7		4.7	U
11	MODIFICATIONS	A		.9		.9		.9	U
12	ITEMS LESS THAN \$5,000,000	A		3.9		4.1		4.2	U
FUZES									
13	FLARES	A		140.0		161.3		274.9	U
14	FUZES	A		44.5		56.5		70.8	U
TOTAL PROCUREMENT OF AMMO, AIR FORCE				1,026.3		1,045.1		865.3	

DEPARTMENT OF THE AIR FORCE
 FY 2008 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3011F PROCUREMENT OF AMMUNITION, AIR FORCE

DATE: 25 JAN 2007

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2006		FY 2007		FY 2008		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 02: WEAPONS									

SMALL ARMS									
15	SMALL ARMS	A		6.0		4.9		3.7	U
				-----		-----		-----	
TOTAL WEAPONS				6.0		4.9		3.7	
				-----		-----		-----	
TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE				1,032.3		1,050.1		868.9	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (OVERVIEW)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$35,817	\$51,183	\$18,188	\$34,432	\$30,706	\$38,589	\$46,043	\$46,287
<p>Description:</p> <p>1. 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>2. Funding decrease in FY08 and beyond is due to unit cost decrease for rockets.</p> <p>3. In FY06, Rockets received \$2.0M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006.</p> <p>4. Items procured in FY08 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>								
	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: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
ROCKET MOTOR GTR-18 (YW33)	A	51,648	\$7,896	77,507	\$12,426	60,515	\$9,763	53,851	\$8,872
2.75 INCH ROCKET FLARE (HA06)	A	10,313	\$10,821	15,464	\$17,729	5,173	\$6,925	6,012	\$8,167
ITEMS LESS THAN 5 MILLION	A		\$17,100		\$21,028		\$1,500		\$17,393
TOTALS:			\$35,817		\$51,183		\$18,188		\$34,432

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: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (ROCKET MOTOR GTR-18 - YW33)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$7,896	\$12,426	\$9,763	\$8,872	\$7,433	\$9,093	\$9,000	\$9,000
<p>Description:</p> <ol style="list-style-type: none"> 1. This rocket provides realistic training for pilots to practice evasive maneuvers against Surface-to-Air Missile (SAM) threats. It provides pilots a visual reference simulating an actual SAM launch, while maintaining a safe and realistic environment to hone combat skills. 2. This item is procured through the U.S Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama. 3. Items requested in FY08 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. 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (ROCKET MOTOR GTR-18 - YW33)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
ROCKETS (RKT MTR, GTR-18 (SMOKEY SAM, YW33))													
RKT MTR, GTR-18 (SMOKEY SAM, YW33)	A	51,648	\$153	\$7,896	77,507	\$160	\$12,426	60,515	\$161	\$9,759	53,851	\$165	\$8,868
QUALITY ASSURANCE										\$4			\$4
TOTALS:				\$7,896			\$12,426			\$9,763			\$8,872

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: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (ROCKET MOTOR GTR-18 - YW33)						
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	
RKT MTR, GTR-18 (SMOKEY SAM, YW33)										
FY2006	51,648	\$153	AFMC/OO-ALC	MIPR/SS/FP	NAVY/NAVSEA SURFACE WARFARE CENTER/ INDIAN HEAD, MD	Apr-06	May-07			
FY2007	77,507	\$160	AFMC/OO-ALC	MIPR/SS/FP	NAVY/NAVSEA SURFACE WARFARE CENTER/ INDIAN HEAD, MD	Mar-07	Apr-08	Yes		
FY2008	60,515	\$161	AFMC/OO-ALC	MIPR/SS/FP	NAVY/NAVSEA SURFACE WARFARE CENTER/ INDIAN HEAD, MD	Mar-08	Mar-09	Yes		
FY2009	53,851	\$165	AFMC/OO-ALC	MIPR/SS/FP	NAVY/NAVSEA SURFACE WARFARE CENTER/ INDIAN HEAD, MD	Mar-09	Mar-10	Yes		
ROCKETS (RKT MTR, GTR-18 (SMOKEY SAM, YW33)										
Remarks: Cost information is in actual dollars.										
	P-1 ITEM NO 1			PAGE NO: 5				Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET FLARE - HA06)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$10,821	\$17,729	\$6,925	\$8,167	\$6,494	\$7,344	\$9,209	\$9,241
<p>Description:</p> <p>1. The 2.75 inch Rocket Flare (HA06), used with the 2.75 inch Rocket Motor (HA07), provides forward air control aircraft with target illumination capability from a standoff distance in a hostile environment. The 2.75 inch Rocket Flare (HA06) consists of an ignition system, flare main parachute, drogue parachute assembly, and an integral fuze/delay assembly. Enclosed in an aluminum case, the fuze and candle igniter are armed by rocket motor acceleration. The candle, when actuated, is suspended from the main chute.</p> <p>2. This item is procured through the Army by the Joint Attack Munitions Systems (JAMS), PEO Missiles and Space, Redstone Arsenal AL.</p> <p>3. Items requested in FY08 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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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET FLARE - HA06)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
2.75 ROCKET FLARE IR	A	10,313	\$1,028	\$10,603	15,464	\$1,134	\$17,529	5,173	\$1,306	\$6,757	6,012	\$1,353	\$8,132
PRODUCTION SUPPORT				{ \$218 }			{ \$199 }			{ \$168 }			{ \$35 }
PRODUCTION ENGINEERING (1)				\$218			\$199			\$168			\$35
TOTALS:		10,313		\$10,821	15,464		\$17,729	5,173		\$6,925	6,012		\$8,167

Remarks:
Total Cost information is in thousands of dollars.

(1) Production Engineering funding is used to develop and review engineering change proposals to improve design, maintainability, reliability and performance. It is also used to provide technical assistance to the prime contractor and subcontractors.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET FLARE - HA06)
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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
2.75 ROCKET FLARE IR									
FY2006(1)	10,313	\$1,028	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GDATP/ BURLINGTON, VT	Mar-06	Sep-07		
FY2007(1)	15,464	\$1,134	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GDATP/ BURLINGTON, VT	Mar-07	Sep-08	Yes	
FY2008(1)	5,173	\$1,306	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GDATP/ BURLINGTON, VT	Mar-08	Sep-09	Yes	
FY2009(1)	6,012	\$1,353	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/GDATP/ BURLINGTON, VT	Mar-09	Sep-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract has an FY05 base year with four option years.

	P-1 ITEM NO 1		PAGE NO: 8	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$17,100	\$21,028	\$1,500	\$17,393	\$16,779	\$22,152	\$27,834	\$28,046
<p>Description:</p> <ol style="list-style-type: none"> 1. All items have an annual procurement value of less than \$5,000,000 and are Code A. 2. In FY06, Rockets Items Less Than \$5 Million received \$2.0M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. These items are procured through the U.S Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama. 4. Items requested in FY08 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-1 ITEM NO 1		PAGE NO: 9		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)
--	---

PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
LAUNCHER, LAU-131A F/2.75 RKT (H149)		164	\$996	162	\$994
ROCKET HIGH EXPLOSIVE 66MM M72A3 (H557)				3,352	\$2,000
2.75 INCH ILLUM (H812)				3,697	\$5,576
WHD 2.75 RKT SMK M156 PD M427 (H855)				3,606	\$3,746
2.75 INCH SIGNATURE (H872)		2,725	\$504	12,630	\$2,051
2.75 INCH ROCKET MOTOR (HA07)				5,826	\$3,027
TOTALS:			\$1,500		\$17,393

Remarks:
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 ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$144,077	\$160,685	\$165,343	\$159,026	\$172,422	\$182,791	\$183,108	\$187,343
<p>Description:</p> <p>1. 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>2. In FY06, Cartridges received \$1.189M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006.</p> <p>2. Representative items requested in FY08 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>								
	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)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
CARTRIDGES (OVERVIEW)									
20MM TP PGU-27 (AA24)	A	1,159,760	\$6,130	3,218,875	\$19,000	3,519,445	\$20,250	3,177,744	\$19,434
RR-196 F-22 CHAFF (CY94)	A	130,214	\$4,995	102,721	\$5,398	138,646	\$7,365	130,334	\$7,000
20MM M56 PELE (AA83)	A			165,304	\$7,398	351,922	\$16,603	328,746	\$15,837
30MM PGU-15/B (B116)	A	3,814,088	\$53,726	3,777,156	\$52,321	3,852,795	\$57,435	3,489,380	\$55,035
30MM HEI PGU-13/B (B104)	A	204,410	\$9,611	104,788	\$5,128	183,089	\$9,342	202,656	\$10,556
ITEMS LESS THAN 5 MILLION DOLLARS	A		\$69,615		\$71,440		\$54,348		\$51,164
TOTALS:			\$144,077		\$160,685		\$165,343		\$159,026

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 2		PAGE NO: 12		Page 1 of 1
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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (20 MM TP PGU-27A/B - AA24)
--	--

	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$6,130	\$19,000	\$20,250	\$19,434	\$19,681	\$19,543	\$18,671	\$18,253

Description:

1. The 20 MM target practice (TP) round is used for air-to-air and air-to-ground training in the M61 aircraft gun on F-15 and F-16 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.

2. In FY06, 20MM TP PGU-27A/B received \$.489M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006.

3. This item is procured through the Army Single Manager for Conventional Ammunition (SMCA) and Engineering Support Costs are provided to the Navy.

4. Representative items requested in FY08 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.

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UNCLASSIFIED

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
20MM TP (1)	A	635,604	\$5	{ \$3,201 }									
LOAD, ASSEMBLE, PACK		635,604	\$5	\$3,103									
BOX METAL M548		2,680	\$29	\$76									
PALLET MK3-0		133	\$166	\$22									
20MM TP (2)	A	524,156	\$5	{ \$2,638 }									
LOAD, ASSEMBLE, PACK		524,156	\$5	\$2,559									
BOX METAL M548		2,149	\$29	\$61									
PALLET MK3-0		107	\$166	\$18									
20MM TP	A				3,218,875	\$6	{ \$18,963 }	3,519,445	\$6	{ \$20,202 }	3,177,744	\$6	{ \$18,632 }
LOAD, ASSEMBLE, PACK					3,218,875	\$6	\$18,474	3,519,445	\$6	\$19,639	3,177,744	\$6	\$18,113
BOX METAL M548					13,212	\$29	\$386	14,428	\$30	\$431	13,028	\$30	\$397
PALLET MK3-0					645	\$162	\$104	704	\$189	\$133	632	\$193	\$122
PC&H FOR MK83 PALLETS (NONRECURRING)				\$1									
CONTINGENCY (NONRECURRING)				\$259									

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
QUALITY ASSURANCE				\$6			\$11			\$19			\$18
NAVY ENGINEERING SUPPORT				\$25			\$25			\$25			\$25
ACCEPTANCE TESTING										\$4			\$759
TOTALS:		1,159,760		\$6,130	3,218,875		\$19,000	3,519,445		\$20,250	3,177,744		\$19,434

Remarks:
 Total Cost information is in thousands of dollars.

(1) GD-OTS portion of the FY'06 procurement (55%)
 (2) ATK portion of the FY'06 procurement (45%)

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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
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										
FY2006(1)	635,604	\$5	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/GD-OTS/MARION, IL	Jun-06	Oct-07			
FY2006(1)	524,156	\$5	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ALLIANT TECH, MN	Jun-06	Jul-07			
FY2007(2)	3,218,875	\$6	AFMC/OO-ALC	MIPR/C/FPW/OPT	ARMY/UNKNOWN	Mar-07	Mar-08	Yes		
FY2008(2)	3,519,445	\$6	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/UNKNOWN	Mar-08	Mar-09	Yes		
FY2009(2)	3,177,744	\$6	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/UNKNOWN	Mar-09	Mar-10	Yes		
Remarks: Cost information is in actual dollars. (1) Contract has an FY05 base year with a percentage option. (2) Contract will have an FY07 base year with 4 option years.										
			P-1 ITEM NO 2				PAGE NO: 16	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (RR-196 A/L CHAFF - CY94)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$4,995	\$5,398	\$7,365	\$7,000	\$6,000	\$6,000	\$3,000	\$3,000
<p>Description:</p> <ol style="list-style-type: none"> 1. The RR-196 chaff cartridge consists of a two-chamber square plastic tube case which contains two separate chaff payloads that are dispensed during flight to disrupt RADAR, and RADAR guided weapons. Each of the two separate chaff payloads are wrapped into three different bundles to delay chaff separation during ejection from the F-22 aircraft. It is currently only used on the F-22 aircraft. 2. This item is procured through the Ogden Air Logistics Center. 3. Items requested in FY08 are identified on the following P40A 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-1 ITEM NO 2		PAGE NO: 17		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (RR-196 A/L CHAFF - CY94)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
RR-196 A/L CHAFF - CY94	A	130,214	\$4,995	102,721	\$5,398	138,646	\$7,365	130,334	\$7,000
TOTALS:		130,214	\$4,995	102,721	\$5,398	138,646	\$7,365	130,334	\$7,000

Remarks:
Cost information is in thousands of dollars.

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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (RR-196 A/L CHAFF - CY94)
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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
RR-196 A/L CHAFF - CY94									
FY2006	130,214	\$38	AFMC/OO-ALC	SS/FFP	ARMTEC/COACHELLA, CA	Jan-06	Apr-06		
FY2007	102,721	\$53	AFMC/OO-ALC	SS/FFP	ARMTEC/COACHELLA, CA	Apr-07	Oct-07	Yes	
FY2008(1)	138,646	\$53	AFMC/OO-ALC	SS/FFP W/OPT	ARMTEC/COACHELLA, CA	Apr-08	Oct-08	Yes	
FY2009(1)	130,334	\$54	AFMC/OO-ALC	OPT/FFP	ARMTEC/COACHELLA, CA	Apr-09	Oct-09	Yes	

Remarks:
 Cost information is in actual dollars.

ARMTEC owns the design of the RR-196 and is the Sole Source for procurement at this time.

(1) Contract will have an FY08 base year with 1 option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (20MM PELE-AA83)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$0	\$7,398	\$16,603	\$15,837	\$20,365	\$25,619	\$22,635	\$31,429
<p>Description:</p> <p>1. The 20MM Penetrator with Enhanced Lateral Efficiency (PELE) is a cartridge with a steel walled projectile, containing a plastic core. Upon impact with the target, the plastic core is compressed causing the steel case to burst into fragments. It is designed for use in F-15 and F-16 aircraft M61 gun systems against aircraft and light material targets. The round's ballistics are compatible with current fighter computer systems.</p> <p>2. This item is procured through the Single Manager for Conventional Ammunition (SMCA).</p> <p>3. Representative items requested in FY08 are identified on the following P-5 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>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (20MM PELE-AA83)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
20MM PELE - AA83	A				165,304	\$45	(\$7,398)	351,922	\$47	(\$16,603)	328,746	\$48	(\$15,837)
LOAD, ASSEMBLE, PACK (LAP)					165,304	\$45	\$7,373	351,922	\$47	\$16,468	328,746	\$48	\$15,707
BOX METAL M548					661	\$29	\$19	1,521	\$30	\$45	1,421	\$30	\$43
PALLET MK3-0					33	\$185	\$6	447	\$189	\$84	418	\$193	\$81
QUALITY ASSURANCE										\$6			\$6
TOTALS:					165,304		\$7,398	351,922		\$16,603	328,746		\$15,837

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 2		PAGE NO: 21	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (20MM PELE-AA83)
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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
20MM PELE - AA83									
FY2007(1)	165,304	\$45	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	AIR FORCE/ALLIANT TECH/MN	Apr-07	Apr-08	Yes	
FY2008(1)	351,922	\$47	AFMC/OO-ALC	MIPR/OPT/FFP	AIR FORCE/ALLIANT TECH/MN	Apr-08	Apr-09	Yes	
FY2009(1)	328,746	\$48	AFMC/OO-ALC	MIPR/OPT/FFP	AIR FORCE/ALLIANT TECH/MN	Apr-09	Apr-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract will have an FY07 base year with 4 option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B - B116)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$53,726	\$52,321	\$57,435	\$55,035	\$58,426	\$59,693	\$59,269	\$60,000
<p>Description:</p> <ol style="list-style-type: none"> 1. 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 and the PGU-5/A 30MM gun pod on the F-16 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. 2. This item is procured through the Single Manager for Conventional Ammunition (SMCA). 3. Representative items requested in FY08 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. 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)										DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B - B116)								
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
30MMTP	A	1,465,488	\$14.01	{\$20,538}									
LOAD,ASSEMBLE,PACK		1,465,488	\$12.61	\$18,480									
CONTAINER CNU-332E		141	\$129.83	\$18									
TUBE AND STRAP ASSEMBLY		6,120	\$333.25	\$2,039									
30MMTP	A	2,365,999	\$14.01	{\$33,148}									
LOAD,ASSEMBLE,PACK		2,365,999	\$13.68	\$32,355									
CONTAINER CNU-332E		1,023	\$127.99	\$131									
TUBE AND STRAP ASSEMBLY		1,988	\$332.99	\$662									
30MMTP	A				3,777,156	\$13.74	{\$51,899}	3,852,795	\$14.84	{\$57,190}	3,489,380	\$15.42	{\$53,789}
LOAD,ASSEMBLE,PACK					3,777,156	\$12.72	\$48,045	3,852,795	\$13.87	\$53,438	3,489,380	\$14.16	\$49,423
CONTAINER CNU-332E					7,581	\$163.22	\$1,237	7,508	\$139.99	\$1,051	8,556	\$142.95	\$1,223
TUBE AND STRAP ASSEMBLY					7,581	\$345.06	\$2,616	7,510	\$359.58	\$2,700	8,558	\$367.18	\$3,142
PRODUCTION SUPPORT				{\$40}			{\$422}			{\$245}			{\$1,246}
QUALITY ASSURANCE				\$40			\$22			\$45			\$46
P-1 ITEM NO 2		PAGE NO: 24			Page 1 of 2								

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
ACCEPTANCE TESTING							\$400			\$200			\$1,200
TOTALS:		3,831,487		\$53,726	3,777,156		\$52,321	3,852,795		\$57,435	3,489,380		\$55,035

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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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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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									
FY2006(1)	2,365,999	\$14.01	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/ALLIANT TECH SYS, INC/PLYMOUTH,, MN	Sep-06	May-07		
FY2006(1)	1,465,488	\$14.01	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/GD-OTS/MARION, IL	Sep-06	May-07		
FY2007(2)	3,777,156	\$13.74	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/UNKNOWN	Mar-07	Mar-08	Yes	
FY2008(2)	3,852,795	\$14.84	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/UNKNOWN	Mar-08	Jan-09	Yes	
FY2009(2)	3,489,380	\$15.42	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/UNKNOWN	Mar-09	Jan-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) FY06 contract has a single technical data package, and will be awarded as a base year contract with 40% option.
 (2) Contract will have an FY07 base year with 4 option years.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30MM HEI PGU-13/B - B104)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$9,611	\$5,128	\$9,342	\$10,556	\$10,690	\$10,694	\$9,684	\$2,969
<p>Description:</p> <ol style="list-style-type: none"> 1. 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 and the PGU-5/A 30MM gun pod on F-16 aircraft. This round contains an explosive material that is used against light armor and personnel. 2. This item is procured through the Ogden Air Logistics Center. 3. Representative items requested in FY08 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-1 ITEM NO 2		PAGE NO: 27		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
30MM HEI PGU-13/B	A	204,410	\$47	{\$9,611}	104,788	\$49	{\$5,128}	183,089	\$51	{\$9,342}	202,656	\$52	{\$10,556}
LOAD, ASSEMBLE, PACK (LAP)		204,410	\$46	\$9,436	104,788	\$48	\$5,032	183,089	\$50	\$9,151	202,656	\$51	\$10,343
CONTAINER CNU-332E		368	\$134	\$49	189	\$163	\$31	330	\$140	\$46	365	\$143	\$52
TUBE AND STRAP ASSEMBLY F/30MM		368	\$343	\$126	189	\$345	\$65	330	\$360	\$119	365	\$367	\$134
QUALITY ASSURANCE										\$26			\$26
TOTALS:		204,410		\$9,611	104,788		\$5,128	183,089		\$9,342	202,656		\$10,556

Remarks:
Total Cost information is in thousands of dollars.

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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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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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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 HEI PGU-13/B									
FY2006(1-2)	204,410	\$47	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	Apr-07	Mar-08	Yes	
FY2007(2)	104,788	\$49	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-07	Mar-08	Yes	
FY2008(2)	183,089	\$51	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Mar-08	Mar-09	Yes	
FY2009(2)	202,656	\$52	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Mar-09	Mar-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) FY06 and FY07 will be awarded together.
 (2) Contract has an FY06 base year with four option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$69,615	\$71,440	\$54,348	\$51,164	\$57,280	\$61,242	\$69,849	\$71,692
<p>Description:</p> <ol style="list-style-type: none"> 1. All items have an annual procurement of less than \$5,000,000 and are Code A. 2. In FY06, Cartridges received \$1.189M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. Items requested in FY08 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-1 ITEM NO 2		PAGE NO: 30		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
CARTRIDGES (ITEMS LESS THAN \$5 MILLION)					
.45 CAL BALL M1911 (A475)		133,083	\$40	184,178	\$50
7.62MM BALL DIM TRACER (A257)				889,947	\$500
RR-188 CHAFF (3W37)		433,854	\$1,443	439,000	\$1,476
RR-180 CHAFF (SY16)		61,181	\$500	54,460	\$450
BBU-48 IMPULSE CARTRIDGE (SS27)		60,827	\$500	60,168	\$500
5.56MM LINKED FRANGIBLE (AA85)		5,030,009	\$2,179	4,458,656	\$1,952
.50 CAL LINKED 4 API/1 API TRACER (A576)		990,923	\$2,477	404,907	\$1,016
12 GAUGE N-LETH PT-CONT M1012 (AA51)		5,979	\$40	5,174	\$40
12 GAUGE N-LETHAL CROWD M1013 (AA52)		15,384	\$100	6,944	\$50
BBU-35 IMP CART (MG62)		647,800	\$1,121	674,500	\$1,180
5.56MM NATO BALL CLIPPED (A059)		11,167,768	\$3,000	9,293,286	\$2,323
5.56MM SAW (A062)				595,396	\$232
	P-1 ITEM NO 2		PAGE NO: 31	Page 1 of 5	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
5.56MM 4-1 TRACER (SAW) (A064)		2,032,808	\$1,000	2,253,028	\$1,000
5.56MM SAW BLANK (A075)				1,046,963	\$300
5.56MM BLANK (A080)		7,054,474	\$1,199	5,747,126	\$1,000
5.56MM FRANG (AA40)		9,276,437	\$3,000	7,649,938	\$2,500
5.56MM AP LINKED M995 (AA01)		103,565	\$140	57,337	\$80
5.56MM AP/TR M995/M856 4-1 (AA02)		335,829	\$400	159,148	\$358
7.62MM ARMOR PIERCING M993 (AA04)		578,856	\$1,000	284,800	\$500
7.62MM SP BALL M118 (AA11)		1,676,307	\$1,000	1,142,099	\$700
7.62MM 4/1 (A131)		4,057,255	\$2,400	3,113,711	\$1,900
PGU-30A/B (WAS A679) (AA28)		215,611	\$3,000	143,741	\$2,000
7.62 CARTRIDGE M80 4-1 (A165)		1,401,878	\$750	1,336,640	\$750
SIGNAL MK-4 MOD 3 (F562)		409,403	\$1,900	358,725	\$1,700
.50 CAL BALL LINK (A555)		888,480	\$1,999	868,323	\$1,997
	P-1 ITEM NO 2		PAGE NO: 32	Page 2 of 5	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
.50 CAL BALL/TCR LKD M2/M9 (A557)		1,453,950	\$3,418	1,332,706	\$3,212
.50 CAL BALL BLANK (A598)		87,986	\$100	86,078	\$100
.45 CAL BALL WAD (A482)		1,105,349	\$300	740,231	\$200
.45 CAL BALL (MATCH GRADE) (A483)		584,385	\$275	399,019	\$193
12 GAUGE FRANGIBLE (AA82)		218,250	\$100	215,750	\$100
9MM BALL (A363)		3,104,770	\$495	3,087,472	\$494
9MM BALL FRANGIBLE (AA16)		4,642,000	\$1,300	1,724,000	\$500
BBU-36 IMPULSE CARTRIDGE (MG11)		617,000	\$978	561,000	\$899
7.62MM BALL TRACER 9/1 (A168)		1,845,714	\$1,000	1,857,772	\$1,000
7.62MM BALL M80 LINKED/M13 (A143)		838,446	\$500	838,995	\$500
5.56MM SPECIAL BALL MK262 (AA53)		923,531	\$500	913,408	\$500
12 GAUGE #00 BUCKSHOT (A011)		118,394	\$50	187,147	\$80
12 GAUGE BIRDSCARE (AY04)		14,000	\$12	48,667	\$42
	P-1 ITEM NO 2		PAGE NO: 33		Page 3 of 5

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

DATE: FEBRUARY 2007

APPROP CODE/BA:
PAAF/MUNITIONS & RELATED EQUIPMENT

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

PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
CCU-41 IMPULSE CARTRIDGE (MF60)		11,280	\$70	7,974	\$50
CART IMP ARD 863-1 3000# (M189)		737,000	\$3,049	792,000	\$3,313
CART IMP ARD 446 1B (WB33)				79,500	\$497
7.62MM BLANK M82 (A111)		1,292,134	\$500	499,749	\$200
.50 CAL DIM TRACER (AA50)		220,235	\$2,060	104,418	\$999
22. CAL BALL LONG MATCHGRADE (A091)		309,347	\$49	241,788	\$48
7.62 BLANK SINGLE (A112)		498,791	\$227	388,745	\$181
CART, IMPULSE BBU-59/B (WD01)		629	\$125	971	\$195
CTG, 40MM PRACTICE M781 (B519)				72,078	\$400
40MM WHITE STAR M58 (B535)		1,606	\$70	1,135	\$50
40MM CTG HEDP M430 (B542)		104,982	\$3,700	101,205	\$3,699
CTG, 40MM TARGET PRACTICE (B576)		79,443	\$1,534	187,269	\$4,207
CTG 40MM TP M918 LINKED F/MK19 (B584)		179,344	\$4,500	177,407	\$4,500

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2007
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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	FY2008		FY2009	
		QTY.	COST	QTY.	COST
XM1006 (40MMNL) (BA06)				4,610	\$100
40MM CROWD DISPERSAL GRENADE (BA13)				5,695	\$100
BBU-63 (SS44)		1,048	\$250	1,036	\$250
TOTALS:			\$54,348		\$51,164

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (OVERVIEW)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$14,086	\$14,976	\$26,080	\$24,792	\$28,220	\$25,533	\$25,951	\$28,452
<p>Description:</p> <p>1. Items in this category consist of non-explosive training shapes used to provide combat air forces with aircrew weapons delivery training. They simulate the drop trajectory of explosives loaded bombs without the explosives.</p> <p>2. Representative items requested in FY08 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>								
	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: FEBRUARY 2007
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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	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MK82 INERT/BDU-50C/B (EB71)	A	15,420	\$13,939	14,382	\$13,334	16,530	\$15,636	16,259	\$15,696
ITEMS LESS THAN \$5M	A		\$147		\$1,642		\$10,444		\$9,096
TOTALS:			\$14,086		\$14,976		\$26,080		\$24,792

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 3		PAGE NO: 37	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-50C/B INERT - EB71)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$13,939	\$13,334	\$15,636	\$15,696	\$15,822	\$13,910	\$15,372	\$14,906
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. Items requested in FY08 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. 3. This item is procured through the Single Manager for Conventional Ammunition (SMCA) 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-50C/B INERT - EB71)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		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	15,420	\$903	{\$13,929}	14,382	\$926	{\$13,324}	16,530	\$945	{\$15,626}	16,259	\$965	{\$15,686}
BDU-50 PRACTICE BOMB		15,420	\$827	\$12,750	14,382	\$849	\$12,204	16,530	\$867	\$14,324	16,259	\$885	\$14,387
SUSP LUG MS3314		31,171	\$18	\$569	29,077	\$19	\$545	33,391	\$19	\$639	32,855	\$20	\$642
PALLET MHU-149/E		2,620	\$156	\$409	2,447	\$156	\$382	2,810	\$156	\$438	2,765	\$156	\$431
PALLET INSPECTION, MHU149/E		2,623	\$73	\$192	2,447	\$75	\$183	2,810	\$77	\$215	2,765	\$78	\$216
QUALITY ASSURANCE				\$10			\$10			\$10			\$10
TOTALS:		15,420		\$13,939	14,382		\$13,334	16,530		\$15,636	16,259		\$15,696

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-50C/B INERT - 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										
FY2006(1)	15,420	\$903	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ALLIED MECHANICAL/APPLETON, WI	Mar-06	Nov-06			
FY2007(1)	14,382	\$926	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ALLIED MECHANICAL/APPLETON, WI	Mar-07	Nov-07	Yes		
FY2008(2)	16,530	\$945	AFMC/OO-ALC	MIPR/C/FFP	ARMY/UNKNOWN	Mar-08	Nov-08	Yes		
FY2009(3)	16,259	\$965	AFMC/OO-ALC	MIPR/C/FFP	ARMY/UNKNOWN	Mar-09	Nov-09	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) FY06 and FY07 procurements are the last options of the FY03 basic contract. (2) FY08 procurement strategy is single-year, buying just the Cast Ductile Iron (CDI) version. (3) Competition between producers of both the forged and CDI versions of the BDU-50 is planned for FY09.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (ITEMS LESS THAN \$5 MILLION)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$147	\$1,642	\$10,444	\$9,096	\$12,398	\$11,623	\$10,579	\$13,546
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. Increased funding necessary to maintain stockpile at the inventory objective level. 								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2007
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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	FY2008		FY2009	
		QTY.	COST	QTY.	COST
BDU-56 2000LB PRACTICE BOMB (E756)		339	\$1,016	333	\$1,012
BDU-56 CDI					\$2,000
MK-83-4 INERT (EC37)		221	\$884	212	\$877
BLU-109 (D-1)/B (F034)		311	\$4,904	106	\$1,709
MK-84 INERT (F262)		1,067	\$3,639	1,009	\$3,499
TOTALS:			\$10,444		\$9,096

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (OVERVIEW)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$249,324	\$250,523	\$150,247	\$150,924	\$157,674	\$152,171	\$154,860	\$160,505
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. Funding reprogrammed from General Purpose Bombs to Flares beginning in FY08 due to increased expenditures of Flares. 3. In FY07 General Purpose Bombs received a \$16.0M Congressional Add in the FY07 Appropriations Conference Report 109-676 (dated 25 September 2006). 4. In FY06, General Purpose Bombs received \$8.073M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 5. Items requested in FY08 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. 								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)

DATE: FEBRUARY 2007

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

GENERAL PURPOSE BOMBS (OVERVIEW)

PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MK-84 2000 LB GP BOMB (F275)	A	8,831	\$71,663	5,868	\$41,859	1,334	\$14,993	1,878	\$21,490
BLU-110 1000 LB GP BOMB (EB28)	A	928	\$5,756	1,681	\$11,327	793	\$4,877	877	\$5,505
BLU-109/B PENETRATOR (EC72)	A	3,465	\$42,536	3,354	\$52,926	1,997	\$38,806	2,254	\$44,689
BLU-122 BOMB	A		\$1,370	140	\$12,767	139	\$14,750		
GBU-10/12 COMPUTER CONTROL GROUP	A	5,378	\$50,307	5,839	\$50,714	4,175	\$37,029	5,227	\$46,357
MXU-650 FIN ASSEMBLY	A	4,381	\$16,515	4,610	\$18,628	3,806	\$13,605	3,949	\$14,273
MXU-651 FIN ASSEMBLY	A	984	\$3,010	2,856	\$13,855	2,574	\$12,617	1,493	\$7,400
BLU-121A/B GP BOMB (EC64)	A					96	\$9,250	73	\$5,750
ITEMS LESS THAN 5 MILLION GP BOMBS	A		\$58,167		\$48,447		\$4,320		\$5,460
TOTALS:			\$249,324		\$250,523		\$150,247		\$150,924

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB - F275)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$71,663	\$41,859	\$14,993	\$21,490	\$20,479	\$22,643	\$27,096	\$31,262
<p>Description:</p> <ol style="list-style-type: none"> 1. The MK-84 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 MK-84 can also be fuzed with proximity, instantaneous, or delayed fuzes to provide a variety of military effects. 2. In FY06, MK-84 2000 LB GP Bomb received \$2.73M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. This item is procured through the Single Manager for Conventional Ammunition (SMCA). 4. Items requested in FY08 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. 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)								DATE: FEBRUARY 2007					
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB - F275)									
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
MK-84 2000 LB GP BOMB	A	8,831	\$8,018	{\$70,805}	5,868	\$7,099	{\$41,655}	1,334	\$11,084	{\$14,786}	1,878	\$11,285	{\$21,194}
LOAD ASSEMBLE & PACK		5,038	\$1,071	\$5,396	5,038	\$1,099	\$5,538						
RECEIPT OF GFM MATERIAL		9,008	\$12	\$111	5,139	\$13	\$65	1,380	\$13	\$18	1,943	\$13	\$26
BOMB BODY MK84-4 (1)		5,139	\$2,486	\$12,775	5,139	\$2,551	\$13,110						
LUG SUSP MK3 (1)		17,839	\$47	\$835	11,854	\$48	\$569	2,732	\$49	\$134	3,847	\$50	\$193
TNT TYPE 1 FLAKE (LB)		4,000,172	\$2	\$9,283	4,000,172	\$2	\$9,527						
ALUMINUM POWDER		947,144	\$2	\$1,851	947,144	\$2	\$1,899						
CXM-AF7 (LB)		2,469,648	\$9	\$21,011	536,524	\$9	\$4,684	872,713	\$9	\$7,781	1,228,700	\$9	\$11,187
BOMB BODY MK84-4 (IM)		3,873	\$2,260	\$8,753	1,177	\$2,319	\$2,730	1,380	\$2,369	\$3,269	1,943	\$2,419	\$4,699
LOAD ASSEMBLE & PACK/CXM-AF7		3,793	\$1,980	\$7,510	830	\$2,032	\$1,687	1,352	\$2,075	\$2,806	1,904	\$2,119	\$4,034
PALLET MK79		6,338	\$518	\$3,280	3,375	\$547	\$1,846	1,352	\$576	\$778	1,904	\$554	\$1,055
PRODUCTION SUPPORT													
QUALITY ASSURANCE (2)				\$176			\$102			\$37			\$53
ACCEPTANCE TESTING				\$453			\$102			\$170			\$244
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)										DATE: FEBRUARY 2007				
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB - F275)									
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009			
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	
NAVY ENGINEERING SUPPORT				\$228										
TOTALS:				\$71,663			\$41,859			\$14,993				\$21,490
<p>Remarks: Total Cost information is in thousands of dollars.</p> <p>In accordance with the Air Force Insensitive Munitions (IM) Strategic Plan, some of the bombs procured in FY06 and FY07 will be loaded assembled and packed with a new more expensive explosive fill, AFX-795, instead of TNT. The bomb bodies which will have the new explosive fill are also modified to be more insensitive to unplanned stimuli.</p> <p>In 2006 and 2007, The quantities/prices for the lugs, pallets, quality assurance and acceptance testing are combined TNT filled and CXM-AF7. All other component are seperate.</p> <p>(1) Three percent more bomb bodies and lugs are procured to account for defects. (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: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB - F275)						
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	
MK-84 2000 LB GP BOMB										
FY2006(1)	8,831	\$8,018	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/ARMY/OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Aug-06	Jan-08			
FY2007(1)	5,868	\$7,099	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ARMY/OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-07	Sep-08	Yes		
FY2008(1)	1,334	\$11,084	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ARMY/OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-08	Sep-09	Yes		
FY2009(1)	1,878	\$11,285	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ARMY/OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-09	Sep-10	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 will have a FY06 base year with 4 option years.</p>										
P-1 ITEM NO 4			PAGE NO: 48			Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - EB28)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$5,756	\$11,327	\$4,877	\$5,505	\$3,000	\$3,000	\$3,000	\$3,000
<p>Description:</p> <p>1. 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 will be 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>2. In FY06, BLU-110B/B 1000 LB GP Bomb received \$2.0M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Hurricane Recovery, 2006.</p> <p>3. This item is procured through the Single Manager for Conventional Ammunition (SMCA).</p> <p>4. Items requested in FY08 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: 49		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)										DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - EB28)								
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-110B/B	A	928	\$6,203	{\$5,756}	1,681	\$6,738	{\$11,327}	793	\$6,151	{\$4,877}	877	\$6,277	{\$5,505}
LOAD ASSEMBLE & PACK		928	\$803	\$745	1,680	\$1,291	\$2,169	793	\$1,105	\$876	877	\$1,129	\$990
RECEIPT OF GFM					1,715	\$11	\$18	830	\$15	\$13	900	\$15	\$14
BOMB BODY BLU-110B/B (1)		957	\$1,659	\$1,588	1,715	\$1,427	\$2,448	815	\$2,278	\$1,857	900	\$2,327	\$2,094
LUG SUSPENSION MS3314		1,980	\$18	\$35	3,520	\$19	\$67	1,705	\$22	\$38	1,893	\$22	\$43
CXM-7 (LB)		502,434	\$6	\$3,246	911,102	\$7	\$6,379	209,800	\$9	\$1,955	233,200	\$10	\$2,219
CABLE ASSEMBLY M73													
PALLET MHU-187		316	\$423	\$134	572	\$394	\$225	268	\$483	\$129	295	\$465	\$137
NAVY ENGINEERING SUPPORT				\$9			\$14			\$6			\$5
QUALITY ASSURANCE							\$7			\$3			\$3
TOTALS:				\$5,756			\$11,327			\$4,877			\$5,505
<p>Remarks: Total Cost information is in thousands of dollars.</p> <p>(1) Three percent more bomb bodies are procured to account for defects. (2) Quality assurance consists of funding for Army personnel to travel to production facilities.</p>													
P-1 ITEM NO 4				PAGE NO: 50				Page 1 of 1					

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - EB28)
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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-110B/B									
FY2006(1)	928	\$6,203	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/JMC, MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Mar-06	Dec-07		
FY2007(1)	1,681	\$6,738	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/JMC, MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Mar-07	Jun-08	Yes	
FY2008(1)	793	\$6,151	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/JMC, MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Mar-08	Sep-09	Yes	
FY2009(1)	877	\$6,277	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/JMC, MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Mar-09	Sep-10	Yes	

Remarks:
 Cost information is in actual dollars.

General Dynamics Ordnance and Tactical Systems, Garland, TX, produces the bomb bodies. McAlester Army Ammunition Plant Loads, Assembles, and Packs (LAP) the bombs.

(1) Contract has an FY06 base year with 4 option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - (EC72				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$42,536	\$52,926	\$38,806	\$44,689	\$53,300	\$57,394	\$42,032	\$44,421
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. In FY06, BLU-109 2000LB Hard Target bomb received \$2.0M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. This item is procured through the Single Manager for Conventional Ammunition (SMCA). 4. Items requested in FY08 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-1 ITEM NO 4		PAGE NO: 52		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)									DATE: FEBRUARY 2007				
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	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-109	A	3,465	\$12,264	{\$42,494}	3,354	\$15,765	{\$52,877}	1,997	\$19,410	{\$38,761}	2,254	\$19,807	{\$44,644}
LOAD ASSEMBLE & PACK		3,465	\$2,060	\$7,138	3,354	\$2,684	\$9,001	1,997	\$2,704	\$5,399	2,254	\$2,761	\$6,223
BOMB BODY BLU-109		3,465	\$8,621	\$29,870	3,354	\$11,470	\$38,472	1,997	\$12,187	\$24,338	2,254	\$12,445	\$28,051
CNU 417 CONTAINER		1,733	\$1,008	\$1,746	1,677	\$1,948	\$3,266	1,010	\$2,069	\$2,090	1,141	\$2,113	\$2,411
ALUMINUM POWDER (LB)		381,000	\$1	\$389	640,051	\$1	\$806						
TNT TYPE I FLAKE (LB)		1,525,000	\$2	\$3,309	528,823	\$2	\$1,264						
CXM-7								737,650	\$9	\$6,874	831,545	\$10	\$7,913
RECEIPT OF GFM MATERIAL					2,520	\$7	\$19	1,999	\$8	\$15	235	\$8	\$2
PRODUCTION ENGINEERING				\$36			\$42			\$40			\$40
QUALITY ASSURANCE (1)				\$6			\$7			\$5			\$5
TOTALS:				\$42,536			\$52,926			\$38,806			\$44,689
<p>Remarks: Total Cost information is in thousands of dollars.</p> <p>(1) Quality assurance consists of funding for Army personnel to travel to production facilities.</p>													
P-1 ITEM NO 4				PAGE NO: 53				Page 1 of 1					

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - (EC72
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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-109									
FY2006(1)	3,465	\$12,264	AFMC/OO-ALC	MIPR/FP W/OPT	ARMY/JMC/MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Mar-06	Sep-07		
FY2007(1)	3,354	\$15,765	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/JMC/MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Mar-07	Sep-08	Yes	
FY2008(1)	1,997	\$19,410	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/JMC/MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Mar-08	Oct-09	Yes	
FY2009(1)	2,254	\$19,807	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/JMC/MCALESTER ARMY AMMUNITION PLANT/MCALESTER, OK	Mar-09	Oct-10	Yes	

Remarks:
 Cost information is in actual dollars.

Ellwood National Forge Company, Irvine, PA, produces the bomb bodies. McAlester Army Ammunition Plant Loads, Assembles, and Packs, (LAP) the bombs.

(1) Contract has an FY06 base year with three option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-122 BOMB)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$1,370	\$12,767	\$14,750	\$0	\$0	\$0	\$0	\$0
<p>Description:</p> <ol style="list-style-type: none"> 1. The BLU-122 Bomb is used on the GBU-28 C/B Precision Guided Air-to-Surface weapon to form an improved 5000 lb BLU-113 penetrating warhead, with a new designator of BLU-122. The bomb is an end item, and is stock listed and stored as such. It is used on the B-2 and F-15E aircraft weapon system platforms. The warhead provides deeper target penetration, increased lethality, and survivability with improved insensitive munitions characteristics. The new BLU-122 significantly enhances the Air Force's capability to destroy hardened targets. 2. Items requested in FY08 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. 3. This item is procured through the Air Armament Center, Eglin AFB, FL. 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-122 BOMB)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-122(1)	A				140	\$83,157	{\$11,642}	139	\$91,645	{\$12,739}			
PALLET					140	\$4,000	\$560	139	\$4,029	\$560			
BLU-122 LOADTRAINER													
BLU-122 LIVE WPN					140	\$79,157	\$11,082	139	\$87,616	\$12,179			
ENGINEERING CHANGE ORDERS				\$41			\$693			\$329			
PROGRAM SUPPORT				\$329			\$433			\$682			
PRODUCTION ASSET TEST & EVAL (PAT&E)				\$1,000									
ECONOMIC PRICE ADJUSTMENT										\$1,000			
TOTALS:				\$1,370			\$12,767			\$14,750			

Remarks:
Total Cost information is in thousands of dollars.

(1) No hardware was procured in FY06, due to steel hardness issues with the foundry subcontractor.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-122 BOMB)
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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-122									
FY2007(1-2)	140	\$83,157	AFMC/AAC	OPT/FFP	GD-OTS/NICEVILLE, FL	Mar-07	Aug-07	Yes	
FY2008(1)	139	\$91,645	AFMC/AAC	OPT/FFP	GD-OTS/NICEVILLE, FL	Nov-07	Feb-08	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract awarded in FY03 for System Design and Development (SDD) has 3 option years for production.

(2) Due to problems with the sub-contracted foundry the award of contract option originally scheduled for FY06 was slipped to FY07, and will use FY07 funding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-10/12 COMPUTER CONTROL GROUP)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$50,307	\$50,714	\$37,029	\$46,357	\$45,385	\$38,997	\$49,371	\$50,273
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. Items requested in FY08 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. 3. This item is procured through the Ogden Air Logistics Center. 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		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	A	3,161	\$8,760	{\$27,691}									
GBU-10/12 COMPUTER CONTROL GROUP KIT		3,161	\$8,515	\$26,916									
PALLET		370	\$3	\$1									
CONTAINER CNU-317		3,161	\$245	\$774									
GBU-10/12 COMPUTER CONTROL GROUP	A	2,217	\$10,201	{\$22,616}									
GBU-10/12 COMPUTER CONTROL GROUP KIT		2,217	\$9,956	\$22,072									
PALLET		220	\$3	\$1									
CONTAINER CNU-317		2,217	\$245	\$542									
GBU-10/12 COMPUTER CONTROL GROUP	A				5,839	\$8,685	{\$50,714}	4,175	\$8,869	{\$37,029}	5,227	\$8,869	{\$46,357}
GBU-10/12 COMPUTER CONTROL GROUP KIT					5,839	\$8,428	\$49,212	4,175	\$8,607	\$35,936	5,227	\$8,608	\$44,991
PALLET					590	\$3	\$2	461	\$3	\$1	535	\$3	\$2
CONTAINER CNU-317					5,839	\$257	\$1,501	4,175	\$261	\$1,091	5,227	\$261	\$1,364
TOTALS:		5,378		\$50,307	5,839		\$50,714	4,175		\$37,029	5,227		\$46,357

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
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										
FY2006(1)	2,217	\$10,201	AFMC/OO-ALC	OPT/FFP	LOCKHEEDMARTIN/ ARCHBALD, PA	Apr-06	Dec-06			
FY2006(1)	3,161	\$8,760	AFMC/OO-ALC	OPT/FFP	RAYTHEON/TUCSON, AZ	Apr-06	Oct-06			
FY2007(1)	5,839	\$8,685	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-07	Apr-08	Yes		
FY2008(1)	4,175	\$8,869	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-08	Aug-09	Yes		
FY2009(1)	5,227	\$8,869	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-09	Aug-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Contract has an FY03 base year with 6 option years.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$16,515	\$18,628	\$13,605	\$14,273	\$14,391	\$11,540	\$12,015	\$10,940
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. This item is procured through the Ogden Air Logistics Center. 3. Items requested in FY08 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. 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		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))													
MXU-650 GBU-12	A	1,955	\$4,095	{\$8,006}									
MXU-650/BKIT		1,955	\$3,849	\$7,525									
PALLET		1,109	\$3	\$3									
DRUMCONTAINER (YY52)		1,955	\$244	\$477									
MXU-650 GBU-12	A	2,426	\$3,507	{\$8,509}									
MXU-650/BKIT		2,426	\$3,262	\$7,913									
PALLET		1,265	\$3	\$4									
DRUMCONTAINER (YY52)		2,426	\$244	\$592									
MXU-650 GBU-12	A				4,610	\$4,041	{\$18,628}	3,806	\$3,574	{\$13,605}	3,949	\$3,614	{\$14,273}
MXU-650/BKIT					4,610	\$3,788	\$17,464	3,806	\$3,323	\$12,647	3,949	\$3,359	\$13,265
PALLET					2,305	\$3	\$7	3,200	\$3	\$10	2,980	\$3	\$9
DRUMCONTAINER (YY52)					4,610	\$251	\$1,157	3,806	\$249	\$948	3,949	\$253	\$999
TOTALS:		4,381		\$16,515	4,610		\$18,628	3,806		\$13,605	3,949		\$14,273

Remarks:													
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		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.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
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										
FY2006(1)	2,426	\$3,507	AFMC/OO-ALC	OPT/FFP	LOCKHEEDMARTIN/ ARCHBALD, PA	Apr-06	Oct-06			
FY2006(2)	1,955	\$4,095	AFMC/OO-ALC	OPT/FFP	RAYTHEON/TUCSON, AZ	Apr-06	Apr-07			
FY2007(3)	4,610	\$4,041	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-07	Apr-08	Yes		
FY2008(3)	3,806	\$3,574	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-08	Apr-09	Yes		
FY2009(3)	3,949	\$3,614	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-09	Apr-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Contract with Lockheed Martin has an FY03 base with six option years. (2) Contract with Raytheon has an FY03 base with six option years. (3) FY07 through FY09 are options of the FY03 basic contract. Contracts 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.</p>										
			P-1 ITEM NO 4				PAGE NO: 64	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-651 GBU-10 FIN ASSEMBLY)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$3,010	\$13,855	\$12,617	\$7,400	\$7,084	\$3,000	\$4,000	\$2,935
<p>Description:</p> <ol style="list-style-type: none"> 1. The MXU-651/B is an airfoil group consisting of an aft wing assembly, forward canards and attaching hardware to assemble a GBU-10 (MK-84 Warhead, 2000lb class, or BLU-109 2000lb Hard Target Penetrator Bomb) PAVEWAY II Laser Guided Bomb (LGB). The PAVEWAY II system has folding wings which open upon release for increased maneuverability. 2. In FY06, MXU-651 GBU-10 Fin Assembly received \$2.0M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. This item is procured through the Ogden Air Logistics Center. 4. Items requested in FY08 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-1 ITEM NO 4		PAGE NO: 65		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-651 GBU-10 FIN ASSEMBLY)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
GENERAL PURPOSE BOMBS (MXU-651 GBU-10 FIN ASSEMBLY)													
MXU-651	A	984	\$3,059	{ \$3,010 }	2,856	\$4,851	{ \$13,855 }	2,574	\$4,902	{ \$12,617 }	1,493	\$4,956	{ \$7,400 }
MXU-651 KIT		984	\$2,804	\$2,759	2,856	\$4,588	\$13,103	2,574	\$4,634	\$11,929	1,493	\$4,685	\$6,994
PALLET		470	\$3	\$1	1,400	\$3	\$4	932	\$3	\$3	750	\$3	\$2
DRUMCONTAINER (YY51)		984	\$254	\$250	2,856	\$262	\$748	2,574	\$266	\$685	1,493	\$270	\$403
TOTALS:		984		\$3,010	2,856		\$13,855	2,574		\$12,617	1,493		\$7,400

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 4		PAGE NO: 66	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-651 GBU-10 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-651										
FY2006(1-2)	984	\$3,059	AFMC/OO-ALC	OPT/FFP	LOCKHEEDMARTIN/ ARCHIBALD, PA	Apr-06	Apr-07			
FY2007(3)	2,856	\$4,851	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	Apr-07	Apr-08	Yes		
FY2008(3)	2,574	\$4,902	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-08	Apr-09	Yes		
FY2009(3)	1,493	\$4,956	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-09	Apr-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Contract has an FY03 base year with 6 option years. (2) The FY06 option was awarded solely to Lockheed Martin. (3) The contract will be a split buy between Raytheon and Lockheed Martin with an FY07 base year and 3 option years. The amounts of the split are not known.</p>										
			P-1 ITEM NO 4			PAGE NO: 67				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-121A/B GP BOMB (EC64))				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$0	\$0	\$9,250	\$5,750	\$6,125	\$7,589	\$8,346	\$9,674
<p>Description:</p> <ol style="list-style-type: none"> 1. The BLU-121 Bomb is used on the GBU-15 and AGM-130 Precision Guided Air-to-Surface weapons to form an improved 2000 lb penetrating warhead, with a new designator of BLU-121. It is used on the F-15E aircraft weapon system platform. 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. 2. The engineering effort for the program was funded FY02-FY07 by the Defense Threat Reduction Agency (DTRA) with 97X0400 (R&D) funds. 3. This item is procured through the Air Armament Center, Eglin AFB, FL. 								
	P-1 ITEM NO 4		PAGE NO: 68		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
HARDWARE							96		{\$8,370}	73		{\$4,814}	
BLU 121 A/B	A						96	\$87,188	\$8,370	73	\$65,949	\$4,814	
PRODUCTION AND SUPPORT COST									{\$880}			{\$936}	
PROGRAM MANAGEMENT AUTHORITY (PMA)									\$828			\$880	
ENGINEERING CHANGE ORDERS									\$52			\$55	
TOTALS:							96		\$9,250	73		\$5,750	

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-121A/B GP BOMB (EC64))						
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										
BLU 121 A/B										
FY2008(1)	96	\$87,188	AFMC/AAC	OTH/OTH	UNKNOWN	Dec-07	Jun-08	Yes		
FY2009(1)	73	\$65,949	AFMC/AAC	OTH/OTH	UNKNOWN	Dec-08	Jun-09	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Contract type will be determined after acquisition strategy is finalized.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$58,395	\$48,447	\$4,320	\$5,460	\$7,910	\$8,008	\$9,000	\$8,000
<p>Description:</p> <p>1. All items have a procurement value of less than \$5,000,000. Representative items requested in FY08 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: FEBRUARY 2007
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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	FY2008		FY2009	
		QTY.	COST	QTY.	COST
DTU-31 TAFF (G240)		5,882	\$1,000		
KEVLAR LANYARD (EA99)		22,927	\$322		
BSU-33 FIN, MK82 GP BOMB (F782)				25,045	\$2,460
MK82 WARHEAD (E485)	1325004601305	1,248	\$2,998	1,223	\$3,000
TOTALS:			\$4,320		\$5,460

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40M)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION
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	PRIOR YEARS	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Quantity	105,340	8,205	7,261	3,817	3,826	3,750	3,734	3,509	3,447	142,889
Gross Cost (\$M)	\$2,250.874	\$224.550	\$174.310	\$112.783	\$106.587	\$107.024	\$110.240	\$107.806	\$109.661	\$3,303.835
Initial Spares (\$M)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total (\$M)	\$2,250.874	\$224.550	\$174.310	\$112.783	\$106.587	\$107.024	\$110.240	\$107.806	\$109.661	\$3,303.835
Flyaway Unit Cost (\$M)	\$0.020	\$0.025	\$0.023	\$0.026	\$0.024	\$0.025	\$0.026	\$0.027	\$0.028	\$0.022
Wpn Sys Proc Unit Cost (\$M)	\$0.021	\$0.027	\$0.024	\$0.030	\$0.028	\$0.029	\$0.030	\$0.031	\$0.032	\$0.023

Description:

1. The Joint Direct Attack Munition (JDAM) program is a joint Air Force/Navy program with the Air Force as the 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 using 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-117, F/A-18A+/C/D/E/F, F-15E, AV-8B and F-22A aircraft. Follow-on integrations with the A/OA-10, MQ-9 and F-35 are in progress.

2. FY08 budget includes funding to procure Lot 12 Baseline Production and 500 AMSTE (Affordable Moving Target Engagement) modifications to Lot 9 baseline JDAM guidance kits.

3. Total Funding includes Seek Eagle.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)									DATE: FEBRUARY 2007				
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION									
WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
JOINT DIRECT ATTACK MUNITION		8,205		{\$202,746}	7,261		{\$165,270}	3,817		{\$98,209}	3,826		{\$91,870}
AIRFRAME	A	8,205	\$24,471	\$200,781	7,261	\$22,541	\$163,673	3,817	\$24,950	\$95,234	3,826	\$23,214	\$88,815
ENGINEERING CHANGE ORDERS										\$2,129			\$2,174
CONTRACTOR INCENTIVE				\$1,965			\$1,597			\$846			\$881
SUPPORT COSTS		157		{\$21,804}			{\$8,933}	100		{\$14,574}	100		{\$14,717}
AIRBORNE TEST EQUIPMENT	A	157	\$28,656	\$4,499				100	\$31,930	\$3,193	100	\$32,600	\$3,260
PROGRAM MANAGEMENT ADMINISTRATION & MISSION SUPPORT				\$3,217			\$4,183			\$4,355			\$4,446
ALTERNATE DISPUTE RESOLUTION				\$50			\$50			\$53			\$54
PRODUCTION SUSTAINING ENGINEERING				\$14,038			\$4,700			\$6,973			\$6,957
SEEK EAGLE							\$107						
TOTALS:		8,362		\$224,550	7,261		\$174,310	3,917		\$112,783	3,926		\$106,587
<p>Remarks: Total Cost information is in thousands of dollars.</p>													
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
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										
FY2006	8,205	\$24,471	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Mar-06	Mar-07			
FY2007	7,261	\$22,541	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Nov-06	Mar-08			
FY2008	3,817	\$24,950	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-08	Mar-09	Yes		
FY2009	3,826	\$23,214	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-09	Mar-10	Yes		
FY2010	3,750	\$24,149	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-10	Mar-11	Yes		
FY2011	3,734	\$25,027	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-11	Mar-12	Yes		
FY2012	3,509	\$25,957	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-12	Mar-13	Yes		
FY2013	3,447	\$26,943	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-13	Mar-14	Yes		
SUPPORT COSTS										
AIRBORNE TEST EQUIPMENT										
FY2006	157	\$28,656	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Sep-06	Nov-07			
FY2008	100	\$31,930	AFMC/AAC	SS/FFP	UNKNOWN	Jul-08	Mar-09	Yes		
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
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	
FY2009	100	\$32,600	AFMC/AAC	SS/FFP	UNKNOWN	Jul-09	Mar-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p>										
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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: FEBRUARY 2007		APPN: 3011	
CATEGORY TY\$ FY08PB		EQUIP: MUNITIONS		REPORT CONTROL SYMBOL:		PREPARED BY: ACC/YU			
PE: 27583F BPAC: 356010									

DESCRIPTION	PRIOR YEARS	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
QUANTITY OF AURs	105,340	8,205	7,261	3,817	3,826	3,750	3,734	3,509	3,447	142,889
RECURRING HARDWARE	\$2,132.868	\$200.781	\$163.673	\$95.234	\$88.815	\$90.349	\$93.379	\$91.089	\$92.879	\$3,049.067
ECO	\$0	\$0	\$0	\$2.129	\$2.174	\$2.220	\$2.267	\$2.239	\$2.081	\$13.110
CONTRACTOR INCENTIVE	\$22.352	\$1.965	\$1.597	\$.846	\$.881	\$.896	\$.926	\$.903	\$.921	\$31.287
FLYAWAY COST	\$2,155.220	\$202.746	\$165.270	\$98.209	\$91.870	\$93.465	\$96.572	\$94.231	\$95.881	\$3,093.464
TEST EQUIPMENT (CMBRE)	\$7.538	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7.538
AIRBORNE TEST EQUIPMENT	\$23.317	\$4.499	\$0	\$3.193	\$3.260	\$3.329	\$3.402	\$3.476	\$3.552	\$48.028
DATA	\$.059	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$.059
PROGRAM MGMT./ADMIN REQ	\$19.615	\$3.217	\$4.183	\$4.355	\$4.446	\$4.540	\$4.637	\$4.740	\$4.844	\$54.577
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	\$36.901	\$14.038	\$4.700	\$6.973	\$6.957	\$5.635	\$5.572	\$5.301	\$5.325	\$91.402
SEEK EAGLE	\$.868	\$0	\$.107	\$0	\$0	\$0	\$0	\$0	\$0	\$.975
ALT. DISPUTE RESOLUTION	\$.590	\$.050	\$.050	\$.053	\$.054	\$.055	\$.057	\$.058	\$.059	\$1.026
DELIVERY ACCELERATION	\$2.753	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2.753
WEAPON SYSTEM COST	\$2,250.874	\$224.550	\$174.310	\$112.783	\$106.587	\$107.024	\$110.240	\$107.806	\$109.661	\$3,303.835
INITIAL SPARES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROCUREMENT COST	\$2,250.874	\$224.550	\$174.310	\$112.783	\$106.587	\$107.024	\$110.240	\$107.806	\$109.661	\$3,303.835
TOTAL PROGRAM (TY\$)	\$2,250.874	\$224.550	\$174.310	\$112.783	\$106.587	\$107.024	\$110.240	\$107.806	\$109.661	\$3,303.835
APPROVED PROGRAM (TY\$)	\$2,250.874	\$224.550	\$174.310	\$112.783	\$106.587	\$107.024	\$110.240	\$107.806	\$109.661	\$3,303.835
DELTA (TY\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CAD/PAD				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$21,278	\$29,789	\$33,867	\$36,323	\$38,315	\$36,398	\$39,983	\$42,627
<p>Description:</p> <p>1. 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>2. Items requested in FY08 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>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CAD/PAD
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
BOMBER AIRCRAFT	A		\$6,027		\$7,174		\$7,607		\$7,928
CARGO AIRCRAFT	A		\$3,906		\$4,183		\$4,264		\$4,344
FIGHTER AIRCRAFT	A		\$5,150		\$5,259		\$6,039		\$6,259
TRAINING AIRCRAFT	A		\$450		\$8,098		\$10,552		\$12,203
COMMON EGRESS ITEMS	A		\$2,607		\$2,089		\$1,924		\$1,835
COMMON LIFE SUPPORT ITEMS	A		\$2,471		\$2,089		\$1,924		\$1,835
COMMON MISC ITEMS	A		\$667		\$897		\$1,557		\$1,919
TOTALS:			\$21,278		\$29,789		\$33,867		\$36,323

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: EXPLOSIVES ORDNANCE DISPOSAL (EOD)
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	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$9,439	\$3,079	\$3,198	\$3,273	\$3,390	\$3,482	\$3,552	\$3,623

Description:

1. 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).

2. In FY06, Explosive Ordnance Disposal received \$6.521M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006.

3. Items requested in FY08 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 equipment needed to support current Air Force mission requirements.

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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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	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
CHARGE, DEMOLITION C4-M112 (M023)	A	66,930	\$1,140	31,071	\$665	33,511	\$717	34,125	\$730
DEMOLITION TOOLS	A	106	\$545	117	\$615	94	\$497	95	\$498
EXPLOSIVE CUTTING TAPE (MM53)	A	34,939	\$498						
EXPLOSIVE CUTTING TAPE (MM54)	A	5,063	\$500	5,033	\$545	2,006	\$199	1,977	\$200
EOD TRAINING AIDS	A	1		1	\$400	1	\$446	1	\$447
DISRUPTOR, LIGHT WEIGHT (YY32)	A	440	\$53	203	\$25	198	\$25	196	\$25
CHARGE, DEMO SHAPED MK88 (M997)	A	719	\$59	412	\$37	408	\$37	169	\$17
RE70 FSS SLUG (NY11)	A	447	\$27						
SEMTEX A (MN82)	A	1,450	\$25	2,023	\$35	2,024	\$35	2,040	\$35
IGNITER TIME BLASTING (MN08)	A	6,024	\$25	5,813	\$25	5,760	\$25	5,963	\$26
DISRUPTOR, MAIN CHARGE (DWDF)	A	452	\$20	446	\$20	446	\$20	440	\$20
MK275 AVON (AA63)	A			795	\$5	793	\$5	788	\$5
ALUMINUM SLUG, MK 280 (DWEE)	A	2,745	\$14	588	\$3	585	\$3	584	\$3
STEEL SLUG, MK 279 (DWED)	A	2,745	\$14	588	\$3	587	\$3	583	\$3
SHOCK TUBE (YY34)	A	166,666	\$10	333,333	\$20	333,333	\$20	333,333	\$20

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: EXPLOSIVES ORDNANCE DISPOSAL (EOD)							
PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009		
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	
ENHANCED BLANK, MK 277 (DWEK)	A	3,448	\$10	2,985	\$10	1,779	\$6	1,760	\$6	
DYNAMITE, 75% AMMON NITRATE (MN85)	A	3,067	\$7	2,103	\$5	1,673	\$4	1,673	\$4	
SQUIB (WB29)	A	1,234	\$5							
MK276 POPPER (AA64)	A	1,142	\$2	1,117	\$2	1,058	\$2	1,036	\$2	
EXPLOSIVE WATER GEL (MY77)	A	2,597	\$2	2,564	\$2	1,785	\$2	1,666	\$2	
MEDIUM VELOCITY BLANK (AA66)	A	486	\$2	480	\$2	476	\$2	472	\$2	
RELOADER (ML66)	A	75	\$1	74	\$1	73	\$1	73	\$1	
DYNAMITE, NITRO GLYCERIN (MN30)	A	620	\$1	613	\$1	606	\$1	595	\$1	
MK32 MOD 4 X-RAY PROCESSOR	A			7	\$49	7	\$49	7	\$49	
DEMINE FLARE (LA37)	A			384	\$100	6,075	\$96	6,075	\$96	
50 CAL API (A606)	A	1,440	\$15	1,201	\$10	1,201	\$10	1,201	\$10	
MINI REMOTE FIRING DEVICE	A	202	\$6,464			12	\$384	13	\$416	
DHARGE DEMO M112-1LB (MN53)	A			17,539	\$250					
CORD ASBLY DETONATING (M456)	A					86,281	\$10	85,324	\$10	
FUZE BLASTING TIME (M670)	A					92,592	\$100	92,592	\$100	
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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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	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
CHARGE ASBLY DEMO M183 COMP 4 (M757)	A			426	\$250	482	\$300	480	\$300
SHOCK TUBE W/BLASTING CAP 500 (MN88)	A					4,551	\$100	4,551	\$100
RT 4 N/L	A							3	\$46
DYNAMITE, AMONIA NITRATE 60% (MN32)	A					71,336	\$100	69,861	\$100
TOTALS:				303,038	\$9,439	409,916	\$3,079	649,733	\$3,198

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 9		PAGE NO: 83	Page 3 of 3
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SPARES AND REPAIR PARTS				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$4,295	\$4,686	\$4,726	\$5,079	\$5,137	\$5,266	\$5,371	\$5,477
<p>Description:</p> <p>1. 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>2. Items requested in FY08 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 10		PAGE NO: 84		Page 1 of 1			

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

DATE: FEBRUARY 2007

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

SPARES AND REPAIR PARTS

PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
INITIAL SPARES			{\$397}		{\$413}		{\$421}		{\$423}
MISC. LOW COST INITIAL SPARES	A		\$397		\$413		\$421		\$423
REPLENISHMENT SPARES			{\$3,898}		{\$4,273}		{\$4,305}		{\$4,656}
GP BOMBS	A		\$3,898		\$4,273		\$4,305		\$4,656
TOTALS:			\$4,295		\$4,686		\$4,726		\$5,079

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: MODIFICATIONS				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$881	\$915	\$935	\$1,245	\$1,324	\$1,350	\$1,376	\$1,404
<p>Description:</p> <p>1. 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>2. The FY08 funding request reflects estimated costs based on historical funding requirements and projected future requirements.</p>								
	P-1 ITEM NO 11		PAGE NO: 86		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$3,896	\$4,066	\$4,169	\$4,046	\$1,774	\$1,786	\$1,822	\$1,858
<p>Description:</p> <p>1. 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>2. Items requested in FY08 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 12		PAGE NO: 87		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2007
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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	FY2008		FY2009	
		QTY.	COST	QTY.	COST
GRENADE HAND, GREEN SMOKE (G940)		1,318	\$100	1,191	\$100
NUCLEAR TRAINER		2	\$890	1	\$490
GRENADE HAND, MK84 STUN (GG09)				782	\$100
GRENADE HAND, RED SMOKE (G950)		23,920	\$1,391	19,088	\$1,428
GRENADE HAND, VIOLET SMOKE (G955)		5,129	\$300	5,849	\$500
GRENADE HAND, PRACTICE (L601)		24,422	\$350	26,745	\$423
GRENADE HAND, FRAG DELAY (G881)		12,119	\$500	7,936	\$500
SIMULATOR, AIR BURST (L366)		8,223	\$200	1	\$10
GRENADE HAND, YELLOW SMOKE (G945)		1,747	\$100	3,124	\$200
PEPPER SPRAY (KM01)		3,486	\$72	3,352	\$70
PEPPER SPRAY POCKET (KM02)		1,452	\$28	1,282	\$25
SIMULATOR, GROUND BURST (L594)		13,229	\$238	9,694	\$200
TOTALS:			\$4,169		\$4,046

	P-1 ITEM NO 12		PAGE NO: 88		Page 1 of 2
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION		
PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
Remarks: Cost information is in thousands of dollars.					
	P-1 ITEM NO 12		PAGE NO: 89		Page 2 of 2

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (OVERVIEW)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$139,955	\$161,307	\$274,921	\$306,656	\$286,424	\$287,704	\$292,267	\$294,784
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. In FY06, Flares received \$8.478M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. Funding for FY08 increases due to increased flares expenditures. 4. Items requested in FY08 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-1 ITEM NO 13		PAGE NO: 90		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: FLARES (OVERVIEW)							
PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009		
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	
MJU-7B IR FLARE (L463)	A	763,113	\$27,066	758,126	\$28,360	1,280,232	\$45,300	1,245,884	\$45,000	
M206 FLARE (L410)	A	1,446,132	\$29,425	1,269,510	\$28,968	1,963,379	\$45,688	2,352,304	\$55,790	
M-211 (LA14)	A	241,194	\$20,598	195,321	\$21,124	88,874	\$9,450	87,942	\$9,555	
M-212 (LA15)	A	32,738	\$4,087	51,419	\$8,368	110,523	\$17,056	120,599	\$19,004	
MJU-10/B FLARE (L461)	A	157,348	\$16,476	354,516	\$14,520	360,776	\$43,030	336,749	\$41,000	
MJU-39/40 FLARE	A	3,172	\$11,183	3,118	\$11,110	3,515	\$12,659	3,563	\$12,973	
MJU-50/B FLARE (LA19)	A	139,871	\$8,300	368,567	\$22,103	791,932	\$48,006	1,008,353	\$61,801	
MJU-51/B (LA20)	A			10,244	\$1,800	46,091	\$8,190	53,709	\$9,649	
MJU-52 (DWCO)	A	66,785	\$1,500	49,118	\$1,115	272,449	\$6,250	219,482	\$5,092	
MJU-62 (LA36)	A	23,719	\$4,317	16,310	\$3,000	38,080	\$7,080	51,990	\$9,773	
ALA-17B FLARE CARTRIDGE (LY12)	A					11,294	\$5,000	11,171	\$5,000	
ITEMS LESS THAN \$5 MILLION	A		\$17,003		\$20,839		\$27,212		\$32,019	
TOTALS:			\$139,955		\$161,307		\$274,921		\$306,656	
Remarks: Cost information is in thousands of dollars.										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-7A/B IR FLARE - L463)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$27,066	\$28,360	\$45,300	\$45,000	\$40,000	\$39,773	\$45,234	\$45,906
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. Items requested in FY08 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. 3. This item is procured through the Single Manager for Conventional Ammunition (SMCA). 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		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	457,800	\$35	\$16,234									
MJU-7A/BIR FLARE	A	305,313	\$35	\$10,826									
MJU-7A/BIR FLARE	A				758,126	\$37	\$28,354	1,280,232	\$35	\$45,282	1,245,884	\$36	\$44,989
QUALITY ASSURANCE				\$6			\$6			\$18			\$11
TOTALS:		763,113		\$27,066	758,126		\$28,360	1,280,232		\$45,300	1,245,884		\$45,000

Remarks:
Total Cost information is in thousands of dollars.

(1) 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: FEBRUARY 2007
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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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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									
FY2006(1)	305,313	\$35	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/KILGORE/TOONE, TN	Mar-06	Mar-07		
FY2006(1)	457,800	\$35	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ARMTEC/CAMDEN, AR	Mar-06	Mar-07		
FY2007(1)	758,126	\$37	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/UNKNOWN	Mar-07	Mar-08	Yes	
FY2008(1)	1,280,232	\$35	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/UNKNOWN	Mar-08	Mar-09	Yes	
FY2009(2)	1,245,884	\$36	AFMC/OO-ALC	MIPR/FP W/OPT	ARMY/UNKNOWN	Apr-09	Oct-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract is a split award with an FY04 base year and 4 option years. The actual split for FY07 thru FY09 is unknown at this time.
 (2) Contract will be a split award with options.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (M206 FLARE - L410)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$29,425	\$28,968	\$45,688	\$55,790	\$56,188	\$59,285	\$59,409	\$59,308
<p>Description:</p> <ol style="list-style-type: none"> 1. The M206 is an infrared countermeasures flare used by A-10, F-16, C-17, and AC-130 aircraft against heat seeking missiles. 2. Increased funding in FY08 is required due to increased expenditures. 2. Items requested in FY08 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. 3. This item is procured through the Single Manager for Conventional Ammunition (SMCA). 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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	FY2006			FY2007			FY2008			FY2009		
		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	731,367	\$22.00	\$16,090									
M206 FLARE (1)	A	598,391	\$22.00	\$13,165									
M206 FLARE	A				1,269,510	\$22.60	\$28,693	1,963,379	\$23.09	\$45,332	2,352,304	\$23.58	\$55,460
PRODUCTION ENGINEERING				\$170			\$263			\$343			\$318
QUALITY ASSURANCE (2)							\$12			\$13			\$12
TOTALS:		1,329,758		\$29,425	1,269,510		\$28,968	1,963,379		\$45,688	2,352,304		\$55,790

Remarks:
 Total Cost information is in thousands of dollars.

(1) Contracts are split between ARMTEC and KILGORE at 55% and 45% respectively.
 (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: FEBRUARY 2007			
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)										
M206 FLARE										
FY2006(1-2)	731,367	\$22.00	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ARMTEC/CAMDEN, AR	Mar-06	Oct-07			
FY2006(1-2)	598,391	\$22.00	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/KILGORE/TOONE, TN	Mar-06	Oct-07			
FY2007(2)	1,269,510	\$22.60	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/UNKNOWN	Mar-07	May-08	Yes		
FY2008(2)	1,963,379	\$23.09	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/UNKNOWN	Mar-08	May-09	Yes		
FY2009(2)	2,352,304	\$23.58	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/UNKNOWN	Mar-09	Nov-10	Yes		
Remarks: Cost information is in actual dollars. (1) The FY06 contract split between ARMTEC and KILGORE at 55% and 45% respectively. (2) Contract has an FY04 base year with 5 option years.										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (M211 ACFT FLARE - LA14)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$20,598	\$21,124	\$9,450	\$9,555	\$9,040	\$8,561	\$10,936	\$12,860
<p>Description:</p> <ol style="list-style-type: none"> 1. The M211 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. 2. In FY06, M211 Aircraft Flares received \$2.5M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. Items requested in FY08 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. 4. This item is procured through the Armament Research Development and Engineering Center (ARDEC) at Picatinny Arsenal, NJ. 								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (M211 ACFT FLARE - LA14)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
M211 FLARE	A	245,214	\$20,598	203,115	\$21,124	90,000	\$9,450	89,299	\$9,555
TOTALS:			\$20,598		\$21,124		\$9,450		\$9,555

Remarks:
Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (M211 ACFT FLARE - LA14)
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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
M211 FLARE									
FY2006(1)	245,214	\$84	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Nov-05	Apr-08		
FY2007(2)	203,115	\$104	AFMC/OO-ALC	MIPR/SS/FP W/OPT	ARMY/ALLOY SURFACES/ CHESTER TOWNSHIP, PA	May-07	Jun-08	Yes	
FY2008(2)	90,000	\$105	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Mar-08	Nov-09	Yes	
FY2009(2)	89,299	\$107	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Mar-09	Dec-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract has an FY04 base year with two option years.
 (2) Contract will have an FY07 base year and 4 option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (M212 INFRA RED CM FLARE - LA15)
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	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$4,087	\$8,368	\$17,056	\$19,004	\$16,096	\$12,797	\$10,630	\$9,916

Description:

1. The M212 Multi-color Infrared Countermeasure Flare consists of an 8" x 1" x 1" aluminum case that possesses a receptacle for installation of an impulse cartridge. The M212 is then loaded into a MJU-11 multiple countermeasure magazine and installed into an AN-ALE-40 series countermeasure dispenser. The M212 countermeasure flare is deployed into the aircraft air stream and ignited by the hot gases and flame produced by the BBU-35 impulse cartridge. This flare is primarily used on C-130 aircraft. The M212 flare is designed to provide multi-spectrum infrared output and is used with M211 decoys and M206 flares as a cocktail mix to decoy advanced missile threats against the aircraft.

2. Funding increase in FY08 is due to the programmed production ramp up for this item.

3. Items requested in FY08 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.

4. This item is procured through the Armament Research Development and Engineering Center (ARDEC) at Picatinny Arsenal, NJ.

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (M212 INFRA RED CM FLARE - LA15)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
M212 (LA15)	A	34,931	\$4,087	55,417	\$8,368	111,477	\$17,056	121,820	\$19,004
TOTALS:		34,931	\$4,087	55,417	\$8,368	111,477	\$17,056	121,820	\$19,004

Remarks:
Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (M212 INFRA RED CM FLARE - LA15)						
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	
M212 (LA15)(1)										
FY2006(1)	34,931	\$117	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ATK-THIOKOL PROPULSIONCO/ BRIGHAM CITY, UT	Nov-05	Aug-06			
FY2007(2)	55,417	\$151	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/ATK-THIOKOL PROPULSIONCO/ BRIGHAM CITY, UT	May-07	Nov-08	Yes		
FY2008(2)	111,477	\$153	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ATK-THIOKOL PROPULSIONCO/ BRIGHAM CITY, UT	Mar-08	Mar-09	Yes		
FY2009(2)	121,820	\$156	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ATK-THIOKOL PROPULSIONCO/ BRIGHAM CITY, UT	Mar-09	Mar-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>(1) Contract has an FY04 base year with two option years. (2) Contract will have an FY07 base year with 4 option years.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-10/B IR CM FLARE - L461)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$16,476	\$14,520	\$43,030	\$41,000	\$41,000	\$40,948	\$40,916	\$42,561
<p>Description:</p> <ol style="list-style-type: none"> 1. The MJU-10/B is an infrared countermeasure flare used by A-10, F-15 and F-16 aircraft against heat seeking missiles. It is dispensed from the AN/ALE-45. This flare is approximately twice the size of the MJU-7/B Flare, which is used on F-15 and F-16 aircraft. 2. MJU-10/B Flare is used in a preemptive mode. As a result of the Global War on Terror, training and combat usage have increased dramatically over the last three years and drove a critical need for increased procurements. 3. Items requested in FY08 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. 4. This item is procured through the Single Manager for Conventional Ammunition (SMCA). 								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-10/B IR CM FLARE - L461)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
MJU-10/B	A	62,939	\$105	\$6,590									
MJU-10/B	A	94,409	\$105	\$9,886									
MJU-10/B	A				354,516	\$41	\$14,514	360,776	\$119	\$43,008	336,749	\$122	\$40,992
QUALITY ASSURANCE							\$6			\$22			\$7
TOTALS:		157,348		\$16,476	354,516		\$14,520	360,776		\$43,030	336,749		\$41,000

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-10/B IR CM FLARE - L461)						
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-10/B										
FY2006(1-2)	94,409	\$105	AFMC/OO-ALC	MIPR/FP W/OPT	ARMY/ARMTEC/CAMDEN, AR	Apr-06	Oct-07			
FY2006(1-2)	62,939	\$105	AFMC/OO-ALC	MIPR/FP W/OPT	ARMY/KILGORE/TOONE, TN	Apr-06	Oct-07			
FY2007(2)	354,516	\$41	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/UNKNOWN	Mar-07	Mar-08	Yes		
FY2008(2)	360,776	\$119	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/UNKNOWN	Mar-08	Mar-09	Yes		
FY2009(3)	336,749	\$122	AFMC/OO-ALC	MIPR/C/FP W/OPT	ARMY/UNKNOWN	Apr-09	Oct-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>Procurement strategy maintains no more than two option years on any contract. This enables the Air Force to obtain the latest technology with least risk to funds execution.</p> <p>(1) Contract is a split buy with a 60/40 split between Armtec and Kilgore. (2) Contract has an FY06 base year with 2 option years. (3) Contract will have an FY09 base year with 2 option years.</p>										
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-39/40-ACFT FLARE - LA32/LA33)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$11,183	\$11,110	\$12,659	\$12,973	\$16,355	\$13,046	\$13,307	\$13,573
<p>Description:</p> <p>1. The MJU-39/B and MJU-40/B are magnesium based kinematic 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>2. This item is procured through the Ogden Air Logistics Center.</p> <p>3. Items requested in FY08 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: FEBRUARY 2007
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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	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MJU-39/40	A	3,172	\$11,183	3,118	\$11,110	3,515	\$12,659	3,563	\$12,973
TOTALS:		3,172	\$11,183	3,118	\$11,110	3,515	\$12,659	3,563	\$12,973

Remarks:
Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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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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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-39/40									
FY2006(1)	3,172	\$3,525	AFMC/OO-ALC	SS/FFP W/OPT	KILGORE/TOONE, TN	Nov-06	Nov-07		
FY2007(1)	3,118	\$3,563	AFMC/OO-ALC	OPT/FFP	KILGORE/TOONE, TN	Mar-07	Mar-08	Yes	
FY2008(2)	3,515	\$3,601	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	Mar-08	Mar-09	Yes	
FY2009(2)	3,563	\$3,641	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Mar-09	Mar-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract has an FY06 base year with 1 option year.
 (2) Contract has an FY08 base year with 1 option year.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-50 - LA19)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$8,300	\$22,103	\$48,006	\$61,801	\$51,152	\$56,444	\$38,102	\$27,207
<p>Description:</p> <ol style="list-style-type: none"> 1. The MJU-50/B is a pyrophoric decoy developed as an advanced infrared countermeasure to defeat advanced-technology missile threats. The MJU-50 is termed a "covert" decoy because of the low-level of visible light it emits during ignition and burn. This flare's light intensity minimizes aircraft exposure to enemy ground monitoring and attack, and does not blind a pilot wearing night vision goggles. The MJU-50 flare was developed for the C-130 and is used on A-10 aircraft and HH-53 and HH-60 helicopters. 2. This flare is used extensively in current combat operations to provide essential aircraft/aircrew protection. Operational usage increased dramatically over the last three years driving a critical need for increased procurement. 3. In FY06, MJU-50/B Decoy received \$2.0M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 4. This item is currently procured through the Ogden Air Logistics Center. 5. Items requested in FY08 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. 								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-50 - LA19)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MJU-50/B DECOY	A	139,871	\$8,300	368,567	\$22,103	791,932	\$48,006	1,008,353	\$61,801
TOTALS:			\$8,300		\$22,103		\$48,006		\$61,801

Remarks:
Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-50 - LA19)
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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
MJU-50/B DECOY									
FY2006	139,871	\$59	AFMC/OO-ALC	SS/FFP	ALLOY SURFACES/ ASTON, PA	Jun-06	Jul-06		
FY2007(1)	368,567	\$60	AFMC/OO-ALC	SS/FFP W/OPT	ALLOY SURFACES/ ASTON, PA	May-07	May-08	Yes	
FY2008(1)	791,932	\$61	AFMC/OO-ALC	OPT/FFP	ALLOY SURFACES/ ASTON, PA	Mar-08	Mar-09	Yes	
FY2009(1)	1,008,353	\$61	AFMC/OO-ALC	OPT/FFP	ALLOY SURFACES/ ASTON, PA	Mar-09	Mar-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract has an FY07 base year with 4 optiion years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-51 FLARE - LA20)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$0	\$1,800	\$8,190	\$9,649	\$6,030	\$7,000	\$7,000	\$7,000
<p>Description:</p> <ol style="list-style-type: none"> 1. The MJU-51A/B infrared countermeasure decoy consists of an aluminum cartridge case purged with nitrogen and containing a payload of stacked special material elements which react with air. Each aluminum cartridge case contains a sealed receptacle cup with an O-ring for an impulse cartridge, a lexan piston, crimped and sealed, and metal end cap. When the impulse cartridge is initiated by the firing pulse, the impulse cartridge receptacle cup frangible membrane ruptures. Pressure inside the canister increases pushing on the piston and breaking the end cap seal deploying the special material payload in the air stream. The special material payload reacts with air in generating infrared energy to decoy surface-to-air and air-to-air missiles. 2. Funding increase in FY08 is due to the programmed production ramp up for this item. 3. This item is procured through the Ogden Air Logistics Center. 4. Items requested in FY08 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. 								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-51 FLARE - LA20)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
(MJU-51 FLARE - LA20)	A			10,244	\$1,801	46,091	\$8,190	53,709	\$9,649
TOTALS:				10,244	\$1,801	46,091	\$8,190	53,709	\$9,649

Remarks:
Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-51 FLARE - LA20)
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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
(MJU-51 FLARE - LA20)									
FY2007(1)	10,244	\$176	AFMC/OO-ALC	SS/FFP W/OPT	ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Apr-07	Jul-08	Yes	
FY2008(1)	46,091	\$178	AFMC/OO-ALC	OPT/FFP	ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Mar-08	Jun-09	Yes	
FY2009(1)	53,709	\$180	AFMC/OO-ALC	OPT/FFP	ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Mar-09	Jun-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract will have a FY07 base year with 4 option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-52 - DWCO)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$1,500	\$1,115	\$6,250	\$5,092	\$5,172	\$4,298	\$7,591	\$7,626
<p>Description:</p> <ol style="list-style-type: none"> 1. The MJU-52/B decoy consists of individual sealed packets of activated metal foils in a plastic frame. 80 frames and packets make up the 80 QUP configuration. The MJU-52/B decoy is dispensed from the F-15 aircraft to protect it from infrared seeking missile threats. The MJU-52/B packets are loaded into a mechanical dispenser attached to the aircraft and dispensed during flight as needed. 2. In FY06, MJU-52 Flares received \$1.3M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. This item is procured through the Ogden Air Logistics Center. 4. Items requested in FY08 are identified on the following P40A 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. 								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-52 - DWCO)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MJU-52 - DWCO	A	66,785	\$1,500	49,118	\$1,115	272,449	\$6,250	219,482	\$5,092
TOTALS:		66,785	\$1,500	49,118	\$1,115	272,449	\$6,250	219,482	\$5,092

Remarks:
Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-52 - DWCO)						
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-52 - DWCO										
FY2006	66,785	\$22	AFMC/OO-ALC	SS/FFP	ALLOY SURFACES/ PHILADELPHIA, PA	Apr-06	Mar-07			
FY2007(1)	49,118	\$23	AFMC/OO-ALC	SS/FFP W/OPT	ALLOY SURFACES/ PHILADELPHIA, PA	Apr-07	Mar-08	Yes		
FY2008(1)	272,449	\$23	AFMC/OO-ALC	OPT/FFP	ALLOY SURFACES/ PHILADELPHIA, PA	Apr-08	Mar-09	Yes		
FY2009(1)	219,482	\$23	AFMC/OO-ALC	OPT/FFP	ALLOY SURFACES/ PHILADELPHIA, PA	Apr-09	Mar-10	Yes		
<p>Remarks: Cost information is in actual dollars.</p> <p>Alloy Surfaces is the only known source for procurement and will remain the sole source until other vendor(s) prove qualification.</p> <p>(1) FY2007 contract will have two option years.</p>										
			P-1 ITEM NO 13				PAGE NO: 118	Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-62 - LA36)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$4,317	\$3,000	\$7,080	\$9,773	\$8,255	\$7,000	\$7,000	\$8,000
<p>Description:</p> <ol style="list-style-type: none"> 1. The MJU-62/B flare is a boron based 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. 2. This item is procured through the Ogden Air Logistics Center. 3. Items requested in FY08 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-1 ITEM NO 13		PAGE NO: 119		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-62 - LA36)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MJU-62 FLARE - LA36	A	23,719	\$4,317	16,310	\$3,000	38,080	\$7,080	51,990	\$9,773
TOTALS:		23,719	\$4,317	16,310	\$3,000	38,080	\$7,080	51,990	\$9,773

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 13		PAGE NO: 120	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-62 - 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										
FY2006	23,719	\$182	AFMC/OO-ALC	SS/FFP	ATK THIOKOL/BRIGHAM CITY, UT	Feb-07	Sep-07	Yes		
FY2007(1)	16,310	\$184	AFMC/OO-ALC	SS/FFP W/OPT	ATK THIOKOL/BRIGHAM CITY, UT	Apr-07	Nov-07	Yes		
FY2008(1)	38,080	\$186	AFMC/OO-ALC	OPT/FFP	ATK THIOKOL/BRIGHAM CITY, UT	Mar-08	Oct-08	Yes		
FY2009(1)	51,990	\$188	AFMC/OO-ALC	OPT/FFP	ATK THIOKOL/BRIGHAM CITY, UT	Mar-09	Oct-09	Yes		
Remarks: Cost information is in actual dollars. (1) Contract will have an FY07 base year with 4 option years.										
		P-1 ITEM NO 13			PAGE NO: 121					Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ALA-17B FLARE - LY12)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$0	\$0	\$5,000	\$5,000	\$5,530	\$7,000	\$11,000	\$13,000
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. This flare is used extensively in current combat operations to provide essential aircraft/aircrew protection. Operational usage increased dramatically over the last two years and drove a critical need for increased procurement. 3. This item is currently procured through the Ogden Air Logistics Center. 4. Items requested in FY08 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-1 ITEM NO 13		PAGE NO: 122		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (ALA-17B FLARE - LY12)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
ALA-17C FLARE - LY12	A					11,294	\$5,000	11,171	\$5,000
TOTALS:						11,294	\$5,000	11,171	\$5,000

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 13		PAGE NO: 123	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ALA-17B 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)	11,294	\$443	AFMC/OO-ALC	SS/FFPW/OPT	KILGORE CORP/TOONE, TN	Mar-08	Sep-08	Yes		
FY2009(2)	11,171	\$448	AFMC/OO-ALC	OPT/FFP	KILGORE CORP/TOONE, TN	Mar-09	Sep-09	Yes		
Remarks: Cost information is in actual dollars. (1) Kilgore Corp is working with the Air Force to redesign this item and to develop updated specifications. Kilgore is currently the only known source. (2) Contract will have an FY08 base year with 3 option years.										
			P-1 ITEM NO 13			PAGE NO: 124				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$17,003	\$20,839	\$27,212	\$32,019	\$31,606	\$31,552	\$41,142	\$47,827
<p>Description:</p> <ol style="list-style-type: none"> 1. All listed items on the following P-40A-IL have an FY08 procurement value of less than \$5,000,000 and are Code A. 2. In FY06, Flares Items Less Than \$5 Million received \$2.678M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. Items requested in FY08 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-1 ITEM NO 13		PAGE NO: 125			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
DISPENSER, FLARE SUU-25 F/A (L127)		153	\$3,459	74	\$2,339
MJU-23 FLARE (L462)		2,506	\$1,425	3,027	\$1,740
FLARE SIM M206 (T-3)/B (L448 (LY85))		145,573	\$2,125	212,957	\$3,143
LUU-2C/BAC PARACHUTE FLARE (L440)		1,294	\$999	1,120	\$1,000
LUU-4/B (L443)		2,300	\$1,000	2,276	\$1,000
SIG IL GRND GRN STR CLS M125A1 (L314)		8,080	\$400	6,372	\$324
MJU-47/B FLARE (LA30)		4,837	\$2,000	4,784	\$2,000
MJU-48/B FLARE (LA31)		6,617	\$2,000	6,544	\$2,000
MJU-53/B FLARE (LA21)				93,427	\$4,709
SIG KIT PRSNL DISTRESS (L119)		9,984	\$1,000	18,759	\$1,915
SIGNL,SMOKE&ILLUM MK124 MOD 0 (L283)		87,390	\$4,989	59,520	\$3,510
COMBAT RESCUE AND RECOVERY		1	\$2,538	1	\$2,593
SIGNL,ILL GRN RED STR M158 (L306)		6,495	\$320	3,602	\$200
P-1 ITEM NO 13		PAGE NO: 126		Page 1 of 2	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
MARKER LOC MARINE MK25-3 (L554)		18,043	\$4,958	12,769	\$3,547
MJU-52 (T-1)/B INT 80-PK (LA41)				90,909	\$2,000
TOTALS:			\$27,212		\$32,019

Remarks:
Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (OVERVIEW)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$44,481	\$56,549	\$70,808	\$72,725	\$73,991	\$78,422	\$78,740	\$79,177
<p>Description:</p> <ol style="list-style-type: none"> 1. 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-33 Proximity Sensor Fuze and the FMU-152/B Joint Programmable Fuze. 2. In FY06, Fuzes received \$.523M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. Items requested in FY08 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-1 ITEM NO 14		PAGE NO: 128			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE	FY2006		FY2007		FY2008		FY2009	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
FUZES (OVERVIEW)									
DSU-33C/B PROXIMITY SENSOR (BY30)	A	5,460	\$6,205	7,748	\$8,504	25,903	\$24,396	18,430	\$17,161
FMU-152/B JOINT PROGRAMMABLE FUZE	A	9,712	\$35,739	18,500	\$45,771	20,679	\$44,662	18,632	\$55,264
ITEMS LESS THAN 5 MILLION DOLLARS	A		\$2,537		\$2,274		\$1,750		\$300
TOTALS:			\$44,481		\$56,549		\$70,808		\$72,725

Remarks:
Cost information is in thousands of dollars.

	P-1 ITEM NO 14		PAGE NO: 129	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2007		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (DSU-33D/B PROXIMITY SENSOR)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$6,205	\$8,504	\$24,396	\$17,161	\$15,466	\$14,750	\$13,330	\$5,183
<p>Description:</p> <p>1. The DSU-33D/B is a joint service Doppler radar proximity sensor designed to provide airburst capability to the Joint Direct Attack Munitions and general purpose bombs using the FMU-139 and FMU-152 fuzes. Airburst yields a significant increase in effectiveness for unitary warheads against surface targets such as surface-to air missiles and anti-aircraft artillery. The DSU-33D/B variant has the same form, fit and function of the DSU-33C/B. Like the DSU-33C/B, it incorporates surface mount technology, an improved Frequency Modulated Continuous Wave (FMCW) Doppler radar, and improved electronics while minimizing parts obsolescence issues. The DSU-33D/B variant is expected to begin production in FY08. It improves and corrects a set screw clearance issue between the bomb body set screw and the sensor housing. It has essentially the same fit, form and function as the DSU-33C/B.</p> <p>2. Items requested in FY08 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>3. This item is procured through the Air Armament Center, Eglin AFB, Florida.</p>								
	P-1 ITEM NO 14		PAGE NO: 130		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (DSU-33D/B PROXIMITY SENSOR)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
DSU-33 D/B	A	5,460	\$1,038	\$5,666	7,748	\$979	\$7,583	25,903	\$931	\$24,120	18,430	\$931	\$17,161
PRODUCTION SUPPORT													
ECO/ECP				\$19			\$232						
PROGRAM SUPPORT (1)				\$239			\$260			\$7			
CONTRACTOR SUPPORT (1)				\$281			\$429			\$269			
TOTALS:				\$6,205			\$8,504			\$24,396			\$17,161

Remarks:
Total Cost information is in thousands of dollars.

(1) The DSU-33 D/B program fully transitions to the Ogden Air Logistics Center Mar 08. Program Support and Contractor Support will be funded for 6 months with Program funds. Once the program transitions to Ogden Air Logistics Center Operation and Maintenance funding will pay for Program and Contractor Support..

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (DSU-33D/B PROXIMITY SENSOR)
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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
DSU-33 D/B									
FY2006(1)	5,460	\$1,038	AFMC/AAC	C/FFP W/OPT	ALLIANT/ROCKET CITY, WV	Apr-06	Nov-07		
FY2007(1)	7,748	\$979	AFMC/AAC	OPT/FFP	ALLIANT/ROCKET CITY, WV	Jan-07	Jun-08		
FY2008(1)	25,903	\$931	AFMC/OO-ALC	OPT/FFP	ALLIANT/ROCKET CITY, WV	Jan-08	Nov-09	Yes	
FY2009(1)	18,430	\$931	AFMC/OO-ALC	OPT/FFP	ALLIANT/ROCKET CITY, WV	Jan-09	Oct-10	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract has an FY06 base year with 5 option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (FMU-152/B JOINT PROGRAMMABLE FUZE)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$35,739	\$45,771	\$44,662	\$55,264	\$56,769	\$62,129	\$54,160	\$62,744
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. In FY06, FMU-152/B Joint Programmable Fuze received \$.523M in additional funding under P.L. 109-234, the Emergency Supplemental Appropriations Act for 2006. 3. Items requested in FY08 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. 4. This item is procured through the Air Armament Center, Eglin AFB, Florida. 								
	P-1 ITEM NO 14		PAGE NO: 133		Page 1 of 1			

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2007
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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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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2006			FY2007			FY2008			FY2009		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
HARDWARE		9,712		{22,865}	18,500		{42,492}	20,679		{39,832}	18,632		{36,910}
FMU-152/B FUZE	A	9,712	\$2,354	\$22,865	18,500	\$2,297	\$42,492	20,679	\$1,926	\$39,832	18,632	\$1,981	\$36,910
PRODUCTION SUPPORT													
PROGRAM SUPPORT				\$854			\$962			\$1,017			\$1,028
RELIABILITY INCENTIVE				\$308			\$308			\$308			\$308
ECO/ECP				\$124			\$681			\$3,237			\$17,019
FACILITIZATION (1)				\$7,783									
PBXN-7 LINE QUALIFICATION (2)				\$650									
TESTING				\$2,360			\$1,327			\$269			
TOOLING/TEST EQUIPMENT				\$795									
TOTALS:				\$35,739			\$45,771			\$44,662			\$55,264

Remarks:
 Total Cost information is in thousands of dollars.

(1) Includes funding for new manufacturing equipment in FY06 and FY07. A new facility is needed to meet required production rates.
 (2) PBXN-7 line qualification funding required to qualify the line at BAE OSI. Qualification completion is estimated for 3Qtr FY07.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)							DATE: FEBRUARY 2007			
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										
FY2006(1)	9,712	\$2,354	AFMC/AAC	OPT/FFP	KAMAN/DAYRON/ ORLANDO, FL	Mar-06	May-07			
FY2007(1)	18,500	\$2,297	AFMC/AAC	OPT/FFP	KAMAN/DAYRON/ ORLANDO, FL	Feb-07	Jan-08	Yes		
FY2008(1)	20,679	\$1,926	AFMC/AAC	OPT/FFP	KAMAN/DAYRON/ ORLANDO, FL	Feb-08	Jan-09	Yes		
FY2009(1)	18,632	\$1,981	AFMC/AAC	OPT/FFP	KAMAN/DAYRON/ ORLANDO, FL	Feb-09	Jan-10	Yes		
<p>Remarks: Cost information is in actual dollars. (1) Contract has an FY98 base year with 9 option years.</p>										
			P-1 ITEM NO 14			PAGE NO: 135				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (ITEMS LESS THAN \$5 MILLION)				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$2,537	\$2,274	\$1,750	\$300	\$1,756	\$1,543	\$11,250	\$11,250
<p>Description:</p> <ol style="list-style-type: none"> 1. 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. 2. Items requested in FY08 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. 								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2007
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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	FY2008		FY2009	
		QTY.	COST	QTY.	COST
FUZES (LESS THAN \$5M)					
FMU-143G/B 60 MILSEC (F800)		306	\$750		
DSU-33A D-2 PROX INERT (FY88)		159	\$100	154	\$100
FMU-152/BD-2 (EB93)		701	\$900	151	\$200
TOTALS:			\$1,750		\$300

Remarks:
Cost information is in thousands of dollars.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SMALL ARMS				
	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013
QUANTITY								
COST (in Thousands)	\$5,961	\$4,944	\$3,652	\$7,493	\$7,637	\$7,628	\$7,780	\$7,936
<p>Description:</p> <p>1. 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>2. Items requested in FY08 are identified on the following P-40A-IL 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 15		PAGE NO: 138			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2007	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: SMALL ARMS			
PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
9MM COMPACT PISTOL		128	\$100	126	\$100
9MM GENERAL OFFICER PISTOL		102	\$61	285	\$174
M-24 SNIPER RIFLE		23	\$197	92	\$771
M249 MACHINE GUN		6	\$29	6	\$30
M240B MACHINE GUN		3	\$31	47	\$502
M203 GRENADE LAUNCHER		5	\$10	5	\$10
TRIPOD MOUNT		79	\$100	79	\$102
M1 INERT FACSIMILE		1,077	\$302	1,075	\$307
MODULAR COMBAT SHOTGUN		372	\$300	365	\$300
M-4A1 CARBINE		22	\$30	21	\$30
X4 TELESCOPE		21	\$20	21	\$20
VIPER II BINOC LASER RG FIND		19	\$296	19	\$303
M145 OPTICS		51	\$50	50	\$51
	P-1 ITEM NO 15		PAGE NO: 139	Page 1 of 2	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2007
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: SMALL ARMS
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PROCUREMENT ITEMS	NSN	FY2008		FY2009	
		QTY.	COST	QTY.	COST
.50 CAL BARRETT RIFLE		48	\$722	19	\$292
5.56MM RIFLE REPLACEMENTS				1,200	\$1,999
HANDGUN REPLACEMENT		2,869	\$1,403	5,014	\$2,502
TOTALS:			\$3,652		\$7,493

Remarks:

Cost information is in thousands of dollars.