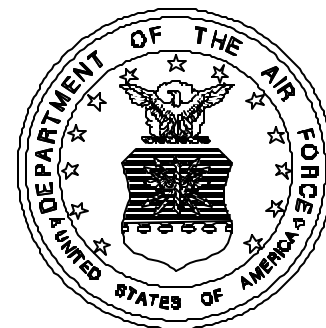


UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE



PROCUREMENT PROGRAM

**FISCAL YEAR (FY) 2007
BUDGET ESTIMATES**

PROCUREMENT OF AMMUNITION

SUBMITTED TO CONGRESS FEBRUARY 2006

UNCLASSIFIED

DEPARTMENT OF THE AIR FORCE
 PROCUREMENT OF AMMUNITION ESTIMATES
 FOR FISCAL YEAR 2007

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PROCUREMENT OF AMMUNITION, AF

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IDENTIFICATION CODES

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

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

GLOSSARY

Contract Method

ALLOT - Allotment

C - Competitive

DO - Delivery Order

FCA - Fund Cite Authorization

MIPR - Military Interdepartmental Purchase Request

OA - Obligation Authority

OPT - Option

OTH - Other

PO - Project Order

REQN - Requisition

SS - Sole Source

WP - Work Project

MIPR-OPT - Military Interdepartmental Purchase Request - Option

MIPR-C - Military Interdepartmental Purchase Request - Competitive

MIPR-SS - Military Interdepartmental Purchase Request - Sole Source

MIPR-OTH - Military Interdepartmental Purchase Request - Other

Contract Type

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

Contracted By

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

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

Bases/Organizations

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

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

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

APPROPRIATION LANGUAGE

PROCUREMENT OF AMMUNITION, AIR FORCE

For construction, procurement, production, and modification of ammunition, and accessories therefore; 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 therefore, 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, \$1,072,749,000 to remain available for obligation until September 30, 2009.

DEPARTMENT OF THE AIR FORCE
FY 2007 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3011F PROCUREMENT OF AMMUNITION, AIR FORCE

DATE: 27 JAN 2006

MILLIONS OF DOLLARS

LINE NO -----	ITEM NOMENCLATURE -----	IDENT CODE -----	FY 2005		FY 2006		FY 2007		S E C -----
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 01: PROCUREMENT OF AMMO, AIR FORCE -----									
ROCKETS									
1	ROCKETS	A		34.4		35.8		58.7	U
CARTRIDGES									
2	CARTRIDGES	A		128.1		142.9		168.5	U
BOMBS									
3	PRACTICE BOMBS	A		46.7		14.1		15.0	U
4	GENERAL PURPOSE BOMBS	A		234.0		241.3		235.5	U
5	SENSOR FUZED WEAPON	A	321	116.5	332	118.8	305	118.9	U
6	JOINT DIRECT ATTACK MUNITION	A	22826	514.4	8000	220.3	7261	175.0	U
7	WIND CORRECTED MUNITIONS DISPENSER	A	2507	58.4	70	15.5	250	34.7	U
FLARE, IR MJU-7B									
8	CAD/PAD	A		20.3		20.9		29.9	U
9	EXPLOSIVE ORDINANCE DISPOSAL (EOD)	A		5.8		2.9		3.1	U
10	SPARES AND REPAIR PARTS	A				4.3		4.7	U
11	INITIAL SPARES	A		1.9					U
12	MODIFICATIONS	A		.2		.9		.9	U
13	ITEMS LESS THAN \$2,000,000	A		3.2		3.9		4.1	U
FUZES									
14	FLARES	A		105.6		131.8		162.0	U
15	FUZES	A		28.1		44.0		56.8	U
TOTAL PROCUREMENT OF AMMO, AIR FORCE				1,297.5		997.3		1,067.8	

DEPARTMENT OF THE AIR FORCE
 FY 2007 PROCUREMENT PROGRAM

EXHIBIT P-1

APPROPRIATION: 3011F PROCUREMENT OF AMMUNITION, AIR FORCE

DATE: 27 JAN 2006

MILLIONS OF DOLLARS

LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY 2005		FY 2006		FY 2007		S E C
			QUANTITY	COST	QUANTITY	COST	QUANTITY	COST	
BUDGET ACTIVITY 02: WEAPONS									
SMALL ARMS									
16	SMALL ARMS	A		15.3		6.0		5.0	U
TOTAL WEAPONS				15.3		6.0		5.0	
TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE				1,312.8		1,003.2		1,072.7	

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
---	----------------------------

APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (OVERVIEW)
--	--

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$34,398	\$35,815	\$58,671	\$65,561	\$66,690	\$54,538	\$62,615

Description:

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.

2. Items procured in FY07 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 1		PAGE NO: 1		Page 1 of 1
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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2006
---	----------------------------

APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (OVERVIEW)
--	--

PROCUREMENT ITEMS	ID CODE			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
2.75 INCH ROCKET MOTOR (HA07)	A			27,878	\$11,469	20,215	\$8,592	12,541	\$6,250
ROCKET MOTOR GTR-18 (YW33)	A			14,740	\$2,208	51,655	\$7,896	67,184	\$10,771
2.75 INCH WARHEAD WHITE PHOSPHOROUS (H855)	A					21,148	\$6,796	53,912	\$19,280
2.75 INCH ROCKET FLARE (HA06)	A			16,281	\$15,996	10,496	\$10,821	11,866	\$12,979
ITEMS LESS THAN 5 MILLION	A				\$4,725		\$1,710		\$9,391
TOTALS:					\$34,398		\$35,815		\$58,671

Remarks:

Cost information is in thousands of dollars.

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

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET MOTOR - HA07)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$11,469	\$8,592	\$6,250	\$7,399	\$16,797	\$15,794	\$15,772
<p>Description:</p> <p>1. The 2.75 inch Rocket Motor (HA07) is a single-stage, solid grained rocket motor used to propel 2.75 inch Illumination Warheads (H812), 2.75 inch Rocket Flares (HA06), 2.75 inch White Phosphorous Warheads (H855), and 2.75 inch Signature Practice Warheads (H872) to their targets. The 2.75 inch Rocket is used primarily to mark target locations for other aircraft.</p> <p>2. This item is procured through the Single Manager for Conventional Ammunition (SMCA).</p> <p>3. Items requested in FY07 are identified in the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical munitions/equipment needed to support current Air Force mission requirements.</p>								
	P-1 ITEM NO 1		PAGE NO: 3		Page 1 of 1			

UNCLASSIFIED

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

ROCKETS (2.75 INCH ROCKET MOTOR - HA07)

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
2.75 ROCKET MOTOR	A				27,878	\$403	\$11,237	20,215	\$416	\$8,418	12,541	\$486	\$6,094
PRODUCTION SUPPORT							(\$232)			(\$174)			(\$156)
PRODUCTION ENGINEERING (1)							\$232			\$174			\$156
TOTALS:							\$11,469			\$8,592			\$6,250

Remarks:

Total Cost information is in thousands of dollars.

(1) Production Engineering funding 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.

P-1 ITEM NO
1

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

ROCKETS (2.75 INCH ROCKET MOTOR - HA07)

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
2.75 ROCKET MOTOR									
FY2005	27,878	\$403	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/ GDATP/ BURLINGTON, VT	Apr-05	Aug-07		
FY2006	20,215	\$416	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ GDATP/ BURLINGTON, VT	Mar-06	Sep-07	Yes	
FY2007	12,541	\$486	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ GDATP/ BURLINGTON, VT	Mar-07	Sep-08	Yes	

Remarks:

Cost information is in actual dollars.

Contract has an FY05 base year with four option years.

P-1 ITEM NO

1

PAGE NO:

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
---	----------------------------

APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (ROCKET MOTOR GTR-18 - YW33)
--	--

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$2,208	\$7,896	\$10,771	\$9,500	\$8,000	\$8,000	\$8,000

Description:

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. Funding increase in FY07 is due to increased training expenditures.
3. This item is procured through the Single Manager for Conventional Ammunition (SMCA).
4. Items requested in FY07 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-1 ITEM NO 1		PAGE NO: 6	Page 1 of 1
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UNCLASSIFIED

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (ROCKET MOTOR GTR-18 - YW33)
--	--

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
RKT MTR, GTR-18 (SMOKEY SAM, YW33)	A				14,740	\$149.79	\$2,208	51,655	\$152.86	\$7,896	67,184	\$160.32	\$10,771
TOTALS:							\$2,208			\$7,896			\$10,771

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 1		PAGE NO: 7	Page 1 of 1
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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

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)									
FY2005	14,740	\$149.79	AFMC/OO-ALC	MIPR/SS/FP	NAVSEA SURFACE WARFARE CENTER/ INDIAN HEAD, MD	Jun-05	Jun-06		
FY2006	51,655	\$152.86	AFMC/OO-ALC	MIPR/SS/FP	NAVSEA SURFACE WARFARE CENTER/ INDIAN HEAD, MD	Apr-06	Apr-07	Yes	
FY2007	67,184	\$160.32	AFMC/OO-ALC	MIPR/SS/FP	NAVSEA SURFACE WARFARE CENTER/ INDIAN HEAD, MD	Apr-07	Apr-08	Yes	

Remarks:

Cost information is in actual dollars.

Funding is provided to the NAVSEA Surface Warfare Center, Indian Head, MD to produce this item through the Army's Single Manager for Conventional Ammunition.

P-1 ITEM NO
1

PAGE NO:
8

Page 1 of 1

UNCLASSIFIED

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
---	----------------------------

APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 INCH WARHEAD WHITE PHOSPHOROUS - H855)
--	--

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST <small>(in Thousands)</small>		\$0	\$6,796	\$19,280	\$33,852	\$31,466	\$22,895	\$31,007

Description:

1. The 2.75 inch White Phosphorous (H855) warhead mates to the 2.75 inch Rocket Motor (HA07) and deploys a white smoke to mark targets. This smoke marking can be used as a single point reference or an area marker (e.g. marking an area where bombing can go no further north).
2. Except for FY04 funding used to procure first article test units, this item has not been procured for ten years. In FY05, when attempting to restart the production process the manufacturer experienced technical problems. These problems are resolved, and we are on track for full production.
3. Due to stockpile depletion funding increases are essential to replenish the stockpile.
4. This item is procured through the Single Manager for Conventional Ammunition (SMCA).
5. Items requested in FY07 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-1 ITEM NO 1		PAGE NO: 9	Page 1 of 1
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UNCLASSIFIED

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
--	----------------------------

APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 INCH WARHEAD WHITE PHOSPHOROUS - H855)
--	--

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
2.75 RKT WARHEAD (H855)	A							21,148	\$314.83	\$6,658	53,912	\$353.79	\$19,074
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING (1)										\$138			\$206
TOTALS:								21,148		\$6,796	53,912		\$19,280

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.

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

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 INCH WARHEAD WHITE PHOSPHOROUS - H855)
--	--

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
2.75 RKT WARHEAD (H855)									
FY2006	21,148	\$314.83	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ REDSTONE ARSENAL, AL/ HUNTSVILLE, AL	Mar-06	Mar-08	Yes	
FY2007	53,912	\$353.79	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ REDSTONE ARSENAL, AL/ HUNTSVILLE, AL	Mar-07	Sep-08	Yes	

Remarks:
 Cost information is in actual dollars.

Contract, which is common to other rockets, has an FY05 base year with four option years.

P-1 ITEM NO 1		PAGE NO: 11	Page 1 of 1
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UNCLASSIFIED

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET FLARE - HA06)
--	---

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$15,996	\$10,821	\$12,979	\$5,000	\$4,150	\$3,000	\$2,000

Description:

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.

2. This item is procured through the Single Manager for Conventional Ammunition (SMCA).

3. Items requested in FY07 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-1 ITEM NO 1		PAGE NO: 12	Page 1 of 1
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UNCLASSIFIED

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
--	----------------------------

APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET FLARE - HA06)
--	---

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		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				16,281	\$977	\$15,913	10,496	\$1,010	\$10,602	11,866	\$1,077	\$12,780
PRODUCTION SUPPORT							{83}			{218}			{199}
PRODUCTION ENGINEERING (1)							\$83			\$218			\$199
TOTALS:							\$15,996			\$10,821			\$12,979

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.

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

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

ROCKETS (2.75 INCH ROCKET FLARE - HA06)

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									
FY2005(1)	16,281	\$977	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/ GDATP/ BURLINGTON, VT	Apr-05	Nov-06		
FY2006(1)	10,496	\$1,010	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ GDATP/ BURLINGTON, VT	Mar-06	Sep-07	Yes	
FY2007(1)	11,866	\$1,077	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ GDATP/ BURLINGTON, VT	Mar-07	Sep-08	Yes	

Remarks:

Cost information is in actual dollars.

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

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$4,725	\$1,710	\$9,391	\$9,810	\$6,277	\$4,849	\$5,836

Description:

1. All items have an annual procurement value of less than \$5,000,000 and are Code A.
2. Funding increased to keep pace with 2.75 Inch Illum (H812) training expenditures.
3. These items are procured through the Single Manager for Conventional Ammunition (SMCA).
4. Items requested in FY07 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.

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)
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PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
2.75 INCH SIGNATURE (H872)				3,652	\$289
INERT ROCKET MOTOR (HY18)				1,927	\$405
2.75 ILLIUM (H812)				8,558	\$4,947
ROCKET HIGH EXPLOSIVE 66MM M72A3 (H557)				900	\$2,250
INTRVALMTR, RKT LAU-131 F/2.75 RKT (H103)				357	\$499
LAUNCHER, LAU-131A F/2.75 RKT (H149)				167	\$1,003
TOTALS:					\$9,391

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST <small>(in Thousands)</small>		\$128,088	\$142,888	\$168,499	\$178,462	\$168,453	\$179,281	\$195,277

Description:

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).
2. Representative items requested in FY07 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.

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UNCLASSIFIED

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

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

CARTRIDGES (OVERVIEW)

PROCUREMENT ITEMS	ID CODE			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
CARTRIDGES (OVERVIEW)									
20MM TP PGU-27 (AA24)	A			2,379,849	\$13,363	1,089,306	\$6,105	3,227,029	\$19,000
20MM M56 PELE (AA83)	A							273,918	\$7,398
30MM PGU-15/B (B116)	A			1,489,239	\$39,231	3,899,671	\$57,433	3,977,190	\$60,000
30MM HEI PGU-13/B (B104)	A					559,566	\$9,611	290,561	\$5,128
RR-188 TRAINING CHAFF (3W37)	A			4,033,962	\$10,690	2,199,303	\$6,312	1,255,927	\$4,132
RR-196 F-22 CHAFF (CY94)	A			21,987	\$1,140	96,132	\$4,995	104,231	\$5,420
.50 CAL API/API-T4/1 LINK (A576)	A			233,550	\$500	1,055,990	\$2,475	2,074,240	\$6,375
ITEMS LESS THAN 5 MILLION DOLLARS	A				\$63,163		\$55,956		\$61,046
TOTALS:					\$128,088		\$142,888		\$168,499

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (20 MM TP PGU-27A/B - AA24)
--	--

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$13,363	\$6,105	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000

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. Funding increase in FY07 and beyond is due to increased requirements.
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 FY07 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

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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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				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
20MM TP	A				2,383,517	\$5.59	(\$13,319)	1,089,306	\$5.56	(\$6,057)	3,227,029	\$5.88	(\$18,964)
BOX METAL M548					9,757	\$27.98	\$273	4,776	\$26.66	\$127	13,232	\$29.18	\$386
LOAD, ASSEMBLE, PACK					2,383,517	\$5.45	\$12,995	1,089,306	\$5.42	\$5,900	3,227,029	\$5.74	\$18,521
PALLET MK3-0					496	\$101.59	\$50	233	\$126.00	\$29	353	\$161.58	\$57
PRODUCTION SUPPORT							(\$44)			(\$48)			(\$36)
QUALITY ASSURANCE							\$19			\$23			\$11
NAVY ENGINEERING SUPPORT							\$25			\$25			\$25
TOTALS:							\$13,363			\$6,105			\$19,000

Remarks:
Total Cost information is in thousands of dollars.

UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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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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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									
FY2005(1)	2,383,517	\$5.59	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ALLIANT TECH, MN	Aug-05	May-06		
FY2006(2)	1,089,306	\$5.56	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/ UNKNOWN	Apr-06	Mar-07	Yes	
FY2007(2)	3,227,029	\$5.88	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ UNKNOWN	Mar-07	Mar-08	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract has an FY04 base year with one option for FY05.
 (2) Contract will have an FY06 base year with one option for FY07.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (20MM PELE - AA83)
--	---

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$0	\$2,888	\$24,194	\$44,949	\$38,200	\$30,043	\$30,215

Description:

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 the F-15 and F-16 aircraft's M61 gun systems against aircraft and light material targets . The round's ballistics are compatible with current fighter computer systems.
2. The engineering effort for this program was funded in FY04 under PEC 28030, War Reserve Material - Ammunition. The program contract was issued in Jan 2004. These rounds were purchased through Alliant Techsystems (ATK) and the manufacturer of the projectile was Diehl.
3. This item is procured through the Ogden Air Logistics Center.
4. Representative items requested in FY07 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.
 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.
 2. The engineering effort for this program was funded in FY04 under PEC 28030, War Reserve Material - Ammunition. The program contract was issued in Jan 2004. These rounds were purchased through Alliant Techsystems (ATK) and the manufacturer of the projectile was Diehl.
 3. This item is procured through the Ogden Air Logistics Center.
 4. Representative items requested in FY07 are identified on the following P-5 and are representative of items to be procured. Items procured during

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)			DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (20MM PELE - AA83)			
Description (continued): execution may change based on the most critical munitions/equipment needed to support current Air Force mission requirements. 1. The 20 MM HEI cartridge is a thin walled steel projectile containing a composite explosive incendiary charge. It is used in the M61 gun system against aircraft and light material targets from the F-15 and F-16 aircraft. The cartridge is mechanically fuzed and initiated by an electric primer. The round is designed to match the ballistics of the current 20 MM PGU series ammunition. 2. This item is procured through the Army Single Manager for Conventional Ammunition (SMCA). 3. Representative items requested in FY07 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 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

CARTRIDGES (20MM PELE - AA83)

WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2005			FY2006			FY2007				
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST		
20MM PGU-28/B - AA22	A									273,918	\$27.01	{\$7,398}
LOAD, ASSEMBLE, PACK (LAP)										273,918	\$26.86	\$7,357
BOX METAL M548										1,080	\$29.18	\$32
PALLET MK3-0										56	\$161.58	\$9
20MM PGU-28/B - AA22	A									273,918	\$27.01	{\$7,398}
LOAD, ASSEMBLE, PACK (LAP)										273,918	\$26.86	\$7,357
BOX METAL M548										1,080	\$29.18	\$32
PALLET MK3-0										56	\$161.58	\$9
20MM PGU-28/B - AA22	A						214,265	\$13.45	(\$2,881)	722,156	\$13.01	{\$9,394}
LOAD, ASSEMBLE, PACK (LAP)							214,265	\$13.29	\$2,849	722,156	\$12.85	\$9,281
BOX METAL M548							879	\$28.53	\$25	3,069	\$29.18	\$90
PALLET MK3-0							43	\$166.07	\$7	145	\$161.58	\$23
PRODUCTION SUPPORT												{\$7}
QUALITY ASSURANCE												\$7

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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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				FY2005			FY2006			FY2007			
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	
TOTALS:								214,265		\$2,888	1,269,992			\$24,194

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

CARTRIDGES (20MM PELE - AA83)

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
20MM PGU-28/B - AA22									
FY2007	273,918	\$27.01	AFMC/OO-ALC	PO/FFP W/OPT	UNKNOWN	Apr-07	Dec-07	Yes	
20MM PGU-28/B - AA22									
FY2007	273,918	\$27.01	AFMC/OO-ALC	PO/FFP W/OPT	UNKNOWN	Apr-07	Dec-07	Yes	
20MM PGU-28/B - AA22									
FY2006	214,265	\$13.45	AFMC/OO-ALC	MIPR/C/FFP	ARMY/ UNKNOWN	Mar-06	Mar-07	Yes	
FY2007	722,156	\$13.01	AFMC/OC-ALC	MIPR/C/FFP	ARMY/ UNKNOWN	Mar-07	Mar-08	Yes	

Remarks:

Cost information is in actual dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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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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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST <small>(in Thousands)</small>		\$39,231	\$57,433	\$60,000	\$56,005	\$59,000	\$53,326	\$55,902

Description:

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 FY07 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 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

CARTRIDGES (30 MM TP PGU-15/B - B116)

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
30MM TP	A				1,489,239	\$11.66	(\$17,358)						
LOAD,ASSEMBLE,PACK					1,489,239	\$11.09	\$16,509						
CONTAINER CNU-332E					1,317	\$322.40	\$425						
TUBE AND STRAP ASSEMBLY					1,317	\$322.40	\$425						
30MM TP	A				1,259,752	\$12.94	(\$16,299)						
LOAD,ASSEMBLE,PACK					1,259,752	\$12.53	\$15,785						
CONTAINER CNU-332E					1,072	\$157.24	\$169						
TUBE AND STRAP ASSEMBLY					1,072	\$322.40	\$346						
30MM TP	A							3,899,671	\$14.61	(\$56,980)	3,977,190	\$14.98	(\$59,578)
LOAD,ASSEMBLE,PACK								3,899,671	\$13.74	\$53,597	3,977,190	\$13.71	\$54,527
CONTAINER CNU-332E								7,022	\$110.25	\$774	9,936	\$163.23	\$1,622
TUBE AND STRAP ASSEMBLY								7,022	\$371.39	\$2,608	9,936	\$345.06	\$3,429
PRODUCTION SUPPORT										(\$5,573)			(\$453)
QUALITY ASSURANCE										\$52			\$53

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2

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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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				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
ACCEPTANCE TESTING							\$260			\$400			\$400
EPA (1)							\$2,262						
REA (2)							\$3,000						
TOTALS:							\$39,231			\$57,433			\$60,000

Remarks:
 Total Cost information is in thousands of dollars.

(1) Economical Price Adjustment (EPA) is a clause in the contract to reimburse the contractor for fluctuating steel market prices.
 (2) Request for Equitable Adjustment (REA) was driven by the stop work order issued by the Air Force in Dec 04 due to Secondary Gun Gas Ignition problems. The REA funding was due to required changes in the Technical Data Package, and for the temporary shut-down of operations.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

CARTRIDGES (30 MM TP PGU-15/B - B116)

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
30MM TP									
FY2005(1)	1,489,239	\$11.66	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ GD-OTS/ MARION, IL	Jun-05	Oct-06		
FY2005(1)	1,259,752	\$12.94	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ALLIANT TECH SYS, INC/ PLYMOUTH,, MN	Jul-05	Feb-06		
FY2006(2)	3,899,671	\$14.61	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/ UNKNOWN	Jun-06	Jun-07	Yes	
FY2007	3,977,190	\$14.98	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ UNKNOWN	Mar-07	Mar-08	Yes	

Remarks:

Cost information is in actual dollars.

(1) Contract is a split award with an FY04 base year and one option year.

(2) The FY06 appropriation will be competitively bid within the National Technology and Industrial Base. The Air Force is transitioning from the current concept of using two different Technical Data Packages (TDP) to requiring all manufacturers to produce from a single TDP. Engineering issues delayed completion of the TDP. The TDP issue has been resolved, and the FY06 contract is expected to award in Jun 06. The contract will have an FY06 base year with four option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30MM HEI PGU-13/B - B104)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$0	\$9,611	\$5,128	\$14,552	\$14,316	\$17,512	\$18,575
<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 FY07 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 2006
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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				FY2005			FY2006			FY2007		
		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							559,566	\$17.11	{9,577}	290,561	\$17.52	{5,090}
LOAD, ASSEMBLE, PACK (LAP)								559,566	\$16.25	\$9,093	290,561	\$16.78	\$4,877
CONTAINER CNU-332E								1,004	\$110.25	\$111	455	\$123.22	\$56
TUBE AND STRAP ASSEMBLY F/30MM								1,004	\$371.39	\$373	455	\$345.06	\$157
PRODUCTION SUPPORT													
QUALITY ASSURANCE										\$7			\$10
ACCEPTANCE TESTING										\$28			\$28
TOTALS:										\$9,611			\$5,128

Remarks:
Total Cost information is in thousands of dollars.

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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

CARTRIDGES (30MM HEI PGU-13/B - B104)

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
30MM HEI PGU-13/B									
FY2006	559,566	\$17.11	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	May-06	Dec-06	Yes	
FY2007	290,561	\$17.52	AFMC/OO-ALC	OPT/FFP	UNKNOWN	Mar-07	Oct-07	Yes	

Remarks:

Cost information is in actual dollars.

Contract will have an FY06 base year with four option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (RR-188 CHAFF - 3W37)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$10,690	\$6,312	\$4,132	\$5,690	\$5,351	\$6,054	\$6,773

Description:

1. The RR-188 chaff cartridge contains a payload of chaff that is dispensed during flight to meet aircrew training requirements. The functional characteristics are similar to RR-170 and RR-180 chaff countermeasures cartridges used in combat situations, however, the use of RR-170 and RR-180 chaff for training is severely limited by Federal Aviation Administration (FAA) regulations due to interference with air traffic control radar. The RR-188 provides the necessary alternative for realistic combat aircrew training since it does not interfere with radar.

2. Like the combat chaff cartridges, the RR-188 fits into a multiple cartridge magazine (MJU-11 or MJU-15) used in any of the ALE-40 series flare/chaff dispensing systems on several types of aircraft. The chaff cartridge contains no explosive or incendiary components when the impulse cartridge is not installed.

3. This item is procured through the Navy. All prices are provided by the Navy.

4. Items requested in FY07 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 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (RR-188 CHAFF - 3W37)
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PROCUREMENT ITEMS	ID CODE	FY2005		FY2006		FY2007			
		QTY.	COST	QTY.	COST	QTY.	COST		
RR-188 CHAFF	A			4,033,962	\$10,690	2,199,303	\$6,312	1,255,927	\$4,132
TOTALS:					\$10,690		\$6,312		\$4,132

Remarks:

Cost information is in thousands of dollars.

	P-1 ITEM NO 2		PAGE NO: 35	Page 1 of 1
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (RR-188 CHAFF - 3W37)
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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-188 CHAFF									
FY2005(1)	4,033,962	\$2.65	AFMC/OO-ALC	MIPR/OPT/FP	NAVY/ ARMTEC/ LILLINGTON, NC	Apr-05	Mar-06		
FY2006(1)	2,199,303	\$2.87	AFMC/OO-ALC	MIPR/OPT/FP	NAVY/ ARMTEC/ LILLINGTON, NC	Apr-06	Mar-07	Yes	
FY2007(2)	1,255,927	\$3.29	AFMC/OO-ALC	MIPR/FP W/OPT	NAVY/ UNKNOWN	Apr-07	Mar-08	Yes	

Remarks:
 Cost information is in actual dollars.

(1) Contract has an FY03 base year with three option years.
 (2) A new contract will be awarded in FY07 with outyear options.

P-1 ITEM NO 2	PAGE NO: 36	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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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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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$1,140	\$4,995	\$5,420	\$0	\$0	\$0	\$0

Description:

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. Requirements for this item were recently identified. Requirements for FY08 and beyond will be identified in the FY08 President's Budget.
3. This item is procured through the Ogden Air Logistics Center.
4. Items requested in FY07 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.

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (RR-196 A/L CHAFF - CY94)
--	--

PROCUREMENT ITEMS	ID CODE	FY2005		FY2006		FY2007			
		QTY.	COST	QTY.	COST	QTY.	COST		
RR-196 A/L CHAFF - CY94	A			21,987	\$1,140	96,132	\$4,995	104,231	\$5,420
TOTALS:				21,987	\$1,140	96,132	\$4,995	104,231	\$5,420

Remarks:
Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

CARTRIDGES (RR-196 A/L CHAFF - CY94)

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									
FY2005	21,987	\$51.85	AFMC/OO-ALC	SS/FFP	ARMTEC/ COACHELLA, CA	Sep-05	Dec-05		
FY2006	96,132	\$51.96	AFMC/OO-ALC	SS/FFP	ARMTEC/ COACHELLA, CA	Apr-06	Jul-06	Yes	
FY2007	104,231	\$52.00	AFMC/OO-ALC	SS/FFP	ARMTEC/ COACHELLA, CA	Mar-07	Dec-07	Yes	

Remarks:

Cost information is in actual dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (.50 CAL API/API-T4/1LINK - A576)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$500	\$2,475	\$6,375	\$6,552	\$5,200	\$3,700	\$4,200

Description:

1. The .50 caliber, armor piercing incendiary-tracer cartridge is used in .50 caliber machine guns against armored targets. It is similar to the M8 API cartridge with the addition of a tracer element.
2. Funding increase is due to new Air Force pararescue requirements.
2. This item is procured through the Army's Single Manager for Conventional Ammunition (SMCA).
3. Representative items requested in FY07 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 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (.50 CAL API/API-T4/1LINK - A576)
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WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
CARTRIDGES (.50 CAL API/API-T4/1LINK - A576)													
.50 CAL API/API-T4/1 LINK (A576)	A				241,128	\$2.05	(\$494)	1,085,938	\$2.22	(\$2,411)	2,371,257	\$2.68	(\$6,359)
LOAD ASSEMBLE AND PACK (LAP)					241,128	\$2.04	\$491	1,085,938	\$2.21	\$2,400	2,371,257	\$2.67	\$6,331
METAL BOXES					450	\$7.65	\$3	1,500	\$7.17	\$11	3,000	\$9.24	\$28
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING							\$5			\$63			\$14
QUALITY ASSURANCE							\$1			\$1			\$2
TOTALS:							\$500			\$2,475			\$6,375

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

CARTRIDGES (.50 CAL API/API-T4/1LINK - A576)

ITEM NAME/ FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
CARTRIDGES (.50 CAL API/API-T4/1LINK - A576)									
.50 CAL API/API-T4/1 LINK (A576)									
FY2005	241,128	\$2.05	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ALLIANT TECHSYSTEMS/ LAKE CITY, MO	Jan-05	Oct-05		
FY2006	1,085,938	\$2.22	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ALLIANT TECHSYSTEMS/ LAKE CITY, MO	Feb-06	Nov-06	Yes	
FY2007	2,371,257	\$2.68	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ALLIANT TECHSYSTEMS/ LAKE CITY, MO	Jan-07	Oct-07	Yes	

Remarks:

Cost information is in actual dollars.

The contract has an FY99 base year with options through FY08.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$63,164	\$55,956	\$61,046	\$61,680	\$53,786	\$73,008	\$84,607
<p>Description:</p> <p>1. All items have an annual procurement of less than \$5,000,000 and are Code A.</p> <p>2. Items requested in FY07 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>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)		
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
5.56MM BALL M193 (A071)				179,626	\$73
M56 20MM HEI				60,606	\$2,000
5.56MM BLANK (A080)				4,901,020	\$817
5.56MM AP/TR M995/M856 4-1 (AA02)				306,942	\$400
5.56MM NATO BALL CLIPPED (A059)				16,175,034	\$4,639
5.56MM 4-1 TRACER (SAW) (A064)				1,037,130	\$500
5.56MM FRANG (AA40)				9,425,000	\$3,016
5.56MM LINKED FRANGIBLE (AA85)				4,940,518	\$2,118
5.56MM SAW BLANK (A075)				3,297,600	\$900
5.56MM AP LINKED M995 (AA01)				12,800	\$20
5.56MM SPECIAL BALL MK262 (AA53)				961,040	\$500
7.62MM SP BALL M118 (AA11)				1,038,680	\$644
7.62MM 4/1 (A131)				1,110,480	\$700
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)		
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
7.62MM BALL DIM TRACER (A257)				2,708,333	\$1,300
7.62MM BLANK M82 (A111)				528,800	\$200
7.62MM BALL M80 LINKED/M13 (A143)				2,756,717	\$1,498
7.62 BLANK SINGLE (A112)				160,800	\$61
7.62 CARTRIDGE M80 4-1 (A165)				950,932	\$500
7.62MM BALL TRACER 9/1 (A168)				2,450,980	\$1,250
9MM BALL (A363)				3,776,000	\$500
9MM BALL FRANGIBLE (AA16)				5,882,000	\$1,000
12 GAUGE N-LETHAL CROWD M1013 (AA52)				36,480	\$200
12 GAUGE DUMMY (AD12) (AA55)				5,641,539	\$3,667
12 GAUGE #00 BUCKSHOT (A011)				88,096	\$37
12 GAUGE BIRDSCARE (AY04)				14,100	\$12
12 GAUGE N-LETH PT-CONT M1012 (AA51)				4,964	\$27
		P-1 ITEM NO 2			PAGE NO: 45
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
12 GAUGE FRANGIBLE (AA82)				217,250	\$100
22. CAL BALL LONG MATCHGRADE (A091)				319,470	\$53
40MM TP M918 LINKED F/MK19 (B584)				149,848	\$4,519
40MM CROWD DISPERSAL GRENADE (BA13)				119,445	\$500
.45 CAL BALL WAD (A482)				460,202	\$225
.45 CAL BALL (MATCH GRADE) (A483)				141,547	\$100
.50 CAL BALL/TCR LKD M2/M9 (A557)				1,560,000	\$3,760
.50 CAL BALL LINK (A555)				2,367,295	\$2,600
.50 CAL BALL BLANK (A598)				105,200	\$100
.50 CAL DIM TRACER (AA50)				541,517	\$4,950
BBU-36 IMPULSE CARTRIDGE (MG11)				637,878	\$1,000
CCU-41 IMPULSE CARTRIDGE (MF60)				48,887	\$300
BBU-63 (SS44)				1,059	\$250
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2006
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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			FY2007	
		QTY.	COST	QTY.	COST
CART IMP ARD 863-1 3000# (M189)				203,125	\$850
BBU-48 IMPULSE CARTRIDGE (SS27)				599,023	\$4,900
SIGNAL MK-4 MOD 3 (F562)				438,799	\$2,000
XM1006 (40MMNL) (BA06)				8,732	\$278
RR-180 CHAFF (SY16)				42,525	\$3,100
PGU-30A/B (WAS A679) (AA28)				460,218	\$4,882
TOTALS:					\$61,046

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (OVERVIEW)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$46,701	\$14,086	\$15,036	\$25,743	\$59,612	\$58,061	\$62,253
<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 FY07 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: 48		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2006
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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			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MK82 INERT/BDU-50 (F013)	A			34,595	\$23,194	19,022	\$14,086	13,399	\$10,000
ITEMS LESS THAN \$5M	A				\$23,507				\$5,036
TOTALS:					\$46,701		\$14,086		\$15,036

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013-FORGED/EB71-CDI)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$23,194	\$14,086	\$10,000	\$10,000	\$19,678	\$21,737	\$25,812
<p>Description:</p> <ol style="list-style-type: none"> 1. The BDU-50 is a 500 pound, 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 FY07 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 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013-FORGED/EB71-CDI)

WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2005			FY2006			FY2007					
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST			
MK-82 INERT/BDU-50	A				34,595	\$665.93	{23,038}				6,736	\$736.46	{4,961}
BOMB BODY BDU-50					35,632	\$557.00	\$19,847				6,938	\$625.97	\$4,343
LOAD ASSEMBLE AND PACK (LAP)					34,595	\$43.00	\$1,488				6,736	\$44.95	\$303
PALLET INSPECTION, MHU 149/E					5,881	\$82.58	\$486				145	\$68.50	\$10
SUSP LUG MS3314					72,649	\$16.76	\$1,218				15,344	\$18.94	\$291
RECEIPT OF GFM MATERIAL											6,736	\$2.14	\$14
MK-82 INERT/BDU-50	A							17,212	\$809.44	{13,932}	5,890	\$842.05	{4,960}
BOMB BODY BDU-50								17,728	\$704.00	\$12,481	6,067	\$729.59	\$4,426
ASSEMBLE								17,212	\$40.12	\$691	5,890	\$41.00	\$241
PALLET INSPECTION, MHU 149/E								1,824	\$67.09	\$122	1,001	\$68.50	\$69
SUSP LUG MS3314								34,424	\$18.55	\$639	11,780	\$18.94	\$223
PRODUCTION SUPPORT													
QUALITY ASSURANCE										\$7			\$6
NAVY ENGINEERING SUPPORT							\$156			\$147			\$74

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013-FORGED/EB71-CDI)
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WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2005			FY2006			FY2007					
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST			
TOTALS:					34,595		\$23,194	17,212		\$14,086	12,626		\$10,000

Remarks:
Total Cost information is in thousands of dollars.

MK-82 Inert/BDU-50 procurement is split between steel forged production and Cast Ductile Iron (CDI) production. The FY05 procurement is steel forged production. The FY06 procurement is CDI production. FY07 procurement is split 50/50 between steel forged and CDI production.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013-FORGED/EB71-CDI)

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-82 INERT/BDU-50									
FY2005(1-2)	34,595	\$665.93	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ARMY/ JMC MCAAP/ MCALESTER, OK	Jan-05	May-06		
FY2006(3)	17,212	\$809.44	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ARMY/ JMC/ ALLIED MECHANICAL	Mar-06	Nov-07	Yes	
FY2007(1-2,4)	6,736	\$736.46	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ARMY/ JMC MCAAP/ MCALESTER, OK	Mar-07	Dec-08	Yes	
FY2007(5)	5,890	\$842.05	AFMC/OO-ALC	MIPR/C/FFP W/OPT	ARMY/ ARMY/ JMC/ ALLIED MECHANICAL	Mar-07	Dec-08	Yes	

Remarks:

Cost information is in actual dollars.

- (1) General Dynamics Ordnance and Tactical Systems, Garland, TX, produces the bomb bodies.
- (2) McAlester Army Ammunition Plant Loads, Assembles and Packs (LAP) the bombs.
- (3) Contract has an FY03 base year with three options years.
- (4) Sole source contract (for multiple general purpose bomb types) will have an FY06 base year with four option years.
- (5) Contract will have an FY07 base year with three option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (ITEMS LESS THAN \$5 MILLION)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$23,507	\$0	\$5,036	\$15,743	\$39,934	\$36,324	\$36,441
<p>Description:</p> <ol style="list-style-type: none"> 1. Increased funding necessary to maintain stockpile at the inventory objective level. 2. All items have an annual procurement of less than \$5,000,000 and are Code A. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements. 								
	P-1 ITEM NO 3		PAGE NO: 54		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: PRACTICE BOMBS (ITEMS LESS THAN \$5 MILLION)		
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
PRACTICE BOMBS (ITEMS LESS THAN \$5 MILLION)					
BDU-33 25LB PRACTICE BOMB				11,205	\$218
BDU-56 2000LB PRACTICE BOMB				2,482	\$4,818
TOTALS:					\$5,036
<p>Remarks: Cost information is in thousands of dollars.</p>					
	P-1 ITEM NO 3		PAGE NO: 55		Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (OVERVIEW)
--	--

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$234,005	\$241,251	\$235,533	\$242,531	\$256,399	\$260,118	\$221,265

Description:

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. In FY06, General Purpose Bombs received a \$4,300,000 Congressional add in the FY06 Appropriations Conference Report 109-359 (dated 18 December 2005).

3. Items requested in FY07 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 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

GENERAL PURPOSE BOMBS (OVERVIEW)

PROCUREMENT ITEMS	ID CODE			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MK-84 2000 LB GP BOMB (F275)	A			14,096	\$65,845	10,231	\$71,663	5,582	\$41,859
BLU-109/B PENETRATOR (F140)	A			2,596	\$37,088	2,618	\$32,118	1,928	\$39,737
BLU-110 1000 LB GP BOMB (EB28)	A			841	\$5,300	891	\$5,920	1,667	\$11,327
BLU-122 BOMB	A			71	\$7,297	140	\$11,758	139	\$11,913
GBU-28C/B KIT	A			71	\$12,303	140	\$19,826	139	\$20,087
GBU-10/12 COMPUTER CONTROL GROUP	A			8,029	\$68,402	5,624	\$48,307	5,842	\$50,714
MXU-650 FIN ASSEMBLY	A			8,029	\$26,420	7,694	\$26,933	4,196	\$18,628
MXU-651 FIN ASSEMBLY	A					450	\$3,010	881	\$5,958
MK-82 (TRITONAL) GP BOMB	A			1,045	\$1,701	1,409	\$2,440	5,663	\$10,750
ITEMS LESS THAN 5 MILLION GP BOMBS	A				\$9,650		\$19,276		\$24,560
TOTALS:					\$234,005		\$241,251		\$235,533

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB - F275)
--	--

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST <small>(in Thousands)</small>		\$65,845	\$71,663	\$41,859	\$40,410	\$38,000	\$41,979	\$42,129

Description:

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. Items requested in FY07 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 2006

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				FY2005			FY2006			FY2007		
		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				14,096	\$4,647	(\$65,506)	10,231	\$6,972	(\$71,332)	5,582	\$7,434	(\$41,495)
LOAD ASSEMBLE & PACK					14,096	\$889	\$12,533	8,047	\$1,193	\$9,597	4,330	\$907	\$3,925
BOMB BODY MK84-4 (1)					14,518	\$1,999	\$29,021	8,289	\$2,005	\$16,623	4,590	\$2,247	\$10,311
LUG SUSP MK3 (1)					29,601	\$40	\$1,181	25,431	\$39	\$990	11,722	\$46	\$538
PALLET MK79					3,059	\$503	\$1,539	6,115	\$157	\$960	2,818	\$538	\$1,517
TNT TYPE 1 FLAKE (LB)					8,332,109	\$2	\$18,105	6,185,000	\$2	\$13,402	3,361,974	\$2	\$8,042
ALUMINUM POWDER					2,650,048	\$1	\$3,127	1,512,836	\$1	\$1,536	814,040	\$1	\$1,024
PALLET INSPECTION MK79								4,063	\$84	\$341			
LOAD ASSEMBLE & PACK/MNX-795								2,184	\$2,111	\$4,610	1,252	\$2,008	\$2,514
BOMB BODY MK84-4 (IM)								2,249	\$2,105	\$4,734	1,289	\$3,003	\$3,871
MNX-795								2,059,754	\$9	\$18,538	877,775	\$11	\$9,752
PRODUCTION SUPPORT										(\$339)			(\$364)
QUALITY ASSURANCE (2)										\$7			\$11
NAVY ENGINEERING SUPPORT										\$339			\$353

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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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	FY2005			FY2006			FY2007				
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST		
TOTALS:						\$65,845			\$71,663			\$41,859

Remarks:
Total Cost information is in thousands of dollars.

In accordance with the Air Force Insensitive Munitions (IM) Strategic Plan, 40% of the MK-84 2000 LB GP Bombs procured in FY06 and FY07 will be loaded assembled and packed with a new more expensive explosive fill, MNX-795, instead of TNT. The bomb bodies which will have the new explosive fill are also modified to be more insensitive to unplanned stimuli.

(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.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

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									
FY2005(1)	14,096	\$4,647	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ARMY/ OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Feb-05	Mar-07		
FY2006(2)	10,231	\$6,972	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/ ARMY/ OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Jun-06	Jun-07	Yes	
FY2007(2)	5,582	\$7,434	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ARMY/ OSC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-07	Mar-08	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 FY03 base year with two option years.
- (2) Contract will have an FY06 base year with four option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - F140)
--	---

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$37,088	\$32,118	\$39,737	\$25,664	\$30,304	\$30,472	\$28,392

Description:

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. Items requested in FY07 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 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - F140)

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-109	A				2,596	\$14,272	{\$37,049}	2,618	\$12,252	{\$32,077}	1,928	\$20,587	{\$39,692}
LOAD ASSEMBLE & PACK					2,596	\$1,588	\$4,123	2,618	\$2,060	\$5,393	1,928	\$2,684	\$5,174
BOMB BODY BLU-109 (1)					2,596	\$10,717	\$27,821	2,618	\$8,621	\$22,568	1,986	\$11,470	\$22,780
CNU 417 CONTAINER					1,298	\$1,733	\$2,249	1,310	\$1,008	\$1,320	964	\$1,948	\$1,877
ALUMINUM POWDER (LB)					272,439	\$1	\$321	288,044	\$1	\$294			
TNT TYPE I FLAKE (LB)					1,141,655	\$2	\$2,534	1,154,266	\$2	\$2,501			
CXM-7											1,406,460	\$7	\$9,845
RECEIPT OF GFM MATERIAL											1,928	\$7	\$14
PRODUCTION SUPPORT							{\$39}			{\$41}			{\$45}
QUALITY ASSURANCE (2)										\$5			\$7
PRODUCTION ENGINEERING							\$39			\$36			\$38
TOTALS:							\$37,088			\$32,118			\$39,737

Remarks:

Total Cost information is in thousands of dollars.

Unit Cost will increase in FY07 due to the implementation of PBXN-109 into the BLU-109 for the FY07 buy. PBXN-109 will be implemented into

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - F140)
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WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST

the BLU-109 in accordance with the AF Insensitive Munitions (IM) Strategic Plan.

(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.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - F140)

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									
FY2005(1)	2,596	\$14,272	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ JMC/ MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Dec-05	Jul-06		
FY2006(2)	2,618	\$12,252	AFMC/OO-ALC	MIPR/FFP W/OPT	ARMY/ JMC/ MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-06	Nov-07	Yes	
FY2007(2)	1,928	\$20,587	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ JMC/ MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-07	Nov-08	Yes	

Remarks:

Cost information is in actual dollars.

Ellwood National Forge Company, Irvine, PA, produces the bomb bodies for FY05. The bomb body producer for FY06 and FY07 is unknown. McAlester Army Ammunition Plant Loads, Assembles, and Packs, (LAP) the bombs.

- (1) Contract has an FY01 base year with four option years.
- (2) Contract will have an FY06 base year with three option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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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)
--	---

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$5,300	\$5,920	\$11,327	\$3,000	\$3,000	\$3,000	\$2,750

Description:

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.
2. Funding for this item is higher in the early years to establish an initial operational inventory for the F-22 aircraft.
3. Items requested in FY07 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.
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 2006

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				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-110B/B	A				841	\$6,301	(\$5,300)	891	\$6,627	(\$5,905)	1,667	\$6,782	(\$11,306)
LOAD ASSEMBLE & PACK					841	\$1,120	\$942	891	\$1,422	\$1,267	1,667	\$1,291	\$2,152
BOMB BODY BLU-110B/B (1)					867	\$1,270	\$1,101	917	\$1,259	\$1,155	1,717	\$1,427	\$2,451
LUG SUSPENSION MS3314					1,766	\$17	\$30	1,871	\$18	\$35	3,369	\$19	\$64
CXM-7 (LB)					499,690	\$6	\$3,093	485,461	\$7	\$3,305	905,515	\$7	\$6,340
CABLE ASSEMBLY M73					867	\$32	\$28	917	\$32	\$29	1,702	\$34	\$58
PALLET MHU-187					286	\$372	\$106	303	\$379	\$115	566	\$394	\$223
RECEIPT OF GFM											1,702	\$11	\$18
PROGRAM SUPPORT													(\$21)
QUALITY ASSURANCE (2)													\$7
NAVY ENGINEERING SUPPORT													\$8
TOTALS:							\$5,300			\$5,920			\$11,327

Remarks:

Total Cost information is in thousands of dollars.

(1) Three percent more bomb bodies are procured to account for defects.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - EB28)

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									
FY2005(1)	841	\$6,301	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ JMC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Feb-05	Jul-06		
FY2006(2)	891	\$6,627	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/ JMC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Jun-06	Mar-08	Yes	
FY2007(2)	1,667	\$6,782	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ JMC, MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-07	Mar-09	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 FY03 base year, with two option years.
- (2) Contract will have an FY06 base year with four option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-122 BOMB)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$7,297	\$11,758	\$11,913	\$0	\$0	\$0	\$0

Description:

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. 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, incorporated into the GBU-28 C/B, significantly enhances the Air Force's capability to destroy hardened targets.

2. Items requested in FY07 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 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-122 BOMB)
--	--

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BLU-122	A				71	\$87,310	(\$6,199)	140	\$69,723	(\$9,761)	139	\$69,824	(\$9,706)
PALLET					76	\$2,650	\$201	140	\$4,000	\$560	139	\$4,000	\$556
BLU-122 LOAD TRAINER					11	\$72,080	\$793						
BLU-122 LIVE WPN					71	\$73,305	\$5,205	140	\$65,723	\$9,201	139	\$65,824	\$9,150
ENGINEERING CHANGE ORDERS										\$1,603			\$1,171
PROGRAM SUPPORT							\$770			\$253			\$509
OTHER COSTS							\$328			\$141			\$527
TOTALS:							\$7,297			\$11,758			\$11,913

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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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									
FY2005	71	\$87,310	AFMC/AAC	C/FFP W/OPT	GD-OTS/ NICEVILLE, FL	May-05	Sep-05		
FY2006	140	\$69,723	AFMC/AAC	OPT/FFP	GD-OTS/ NICEVILLE, FL	Mar-06	Dec-06	Yes	
FY2007	139	\$69,824	AFMC/AAC	OPT/FFP	GD-OTS/ NICEVILLE, FL	Jan-07	Oct-07	Yes	

Remarks:
 Cost information is in actual dollars.

 Contract has an FY05 base year with two option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-28C/B KIT)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY					0	0	0	0
COST <small>(in Thousands)</small>		\$12,303	\$19,826	\$20,087	\$0	\$0	\$0	\$0

Description:

1. The GBU-28C/B is a Precision Guided Air-to-Surface weapon that is a follow-on to the legacy GBU-28 B/B weapon. The guidance kit contains a guidance section, a set of aerodynamic control surfaces, a laser seeker, and the Global Positioning System/Inertial Measurement Unit (GPS/IMU). The tail kit is a set of fixed wings. The GBU-28C/B provides the B-2 and F-15E aircraft weapon system platforms with adverse weather combat capability by incorporating rapid GPS acquisition and stand-alone IMU guidance capabilities. The GBU-28C/B, coupled with the new BLU-122, significantly enhances the Air Force's capability to destroy hardened targets.

2. Items requested in FY07 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 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-28C/B KIT)
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WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
GBU-28C/B KIT	A				71	\$149,864	(\$10,640)	140	\$131,992	(\$18,479)	139	\$134,211	(\$18,655)
LIVE GBU-28C/B					71	\$146,984	\$10,436	140	\$131,992	\$18,479	139	\$134,211	\$18,655
INERT LOAD TRAINERS					5	\$11,058	\$55						
INERT MAINTENANCE TRAINERS					8	\$11,058	\$88						
UMBILICAL CABLES					20	\$3,037	\$61						
ENGINEERING CHANGE ORDERS							\$1,224			\$1,100			\$1,171
PROGRAM SUPPORT							\$111			\$106			\$136
OTHER COSTS							\$328			\$141			\$125
TOTALS:							\$12,303			\$19,826			\$20,087

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-28C/B KIT)
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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
GBU-28C/B KIT									
FY2005	71	\$149,864	AFMC/AAC	SS/FFP W/OPT	RAYTHEON/ TUCSON, AZ	Jun-05	Feb-06		
FY2006	140	\$131,992	AFMC/AAC	OPT/FFP	RAYTHEON/ TUCSON, AZ	Oct-05	Dec-06		
FY2007	139	\$134,211	AFMC/AAC	OPT/FFP	RAYTHEON/ TUCSON, AZ	Feb-07	Feb-08	Yes	

Remarks:
 Cost information is in actual dollars.

 Contract has an FY05 base year with two option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (GBU-10/12 COMPUTER CONTROL GROUP)
--	--

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$68,402	\$48,307	\$50,714	\$55,267	\$67,992	\$67,935	\$55,696

Description:

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. This item is procured through two different contractors. The item name has been changed from MAU-169H/B PAVEWAY II Guidance Control Unit to GBU-10/12 Computer Control Group, because the previous name designates only one of the contractor's product. Both products are identical in form, fit, and function.
3. Items requested in FY07 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.
4. This item is procured through the Ogden Air Logistics Center.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)
DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

GENERAL PURPOSE BOMBS (GBU-10/12 COMPUTER CONTROL GROUP)

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		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						{\$36,116}						
GBU-10/12 COMPUTER CONTROL GROUP KIT							\$35,042						
PALLET							\$2						
CONTAINER CNU-317							\$1,072						
GBU-10/12 COMPUTER CONTROL GROUP	A						{\$32,286}						
GBU-10/12 COMPUTER CONTROL GROUP KIT							\$31,456						
PALLET							\$1						
CONTAINER CNU-317							\$829						
GBU-10/12 COMPUTER CONTROL GROUP	A									{\$48,307}			{\$50,714}
GBU-10/12 COMPUTER CONTROL GROUP KIT										\$46,927			\$49,236
PALLET										\$2			\$2
CONTAINER CNU-317										\$1,378			\$1,476
TOTALS:					8,029		\$68,402	5,624		\$48,307	5,842		\$50,714

Remarks:

Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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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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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									
FY2005(1)			AFMC/OO-ALC	OPT/FFP	LOCKHEED MARTIN/ ARCHBALD, PA	Jun-05	Jun-06		
FY2005(2)			AFMC/OO-ALC	OPT/FFP	RAYTHEON/ TUCSON, AZ	Jun-05	Jul-06		
FY2006(3)			AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-06	Apr-07	Yes	
FY2007(3)			AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-07	Apr-08	Yes	

Remarks:

- (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) Price based on projected mix between Raytheon and Lockheed Martin.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								0
COST (in Thousands)		\$26,420	\$26,933	\$18,628	\$28,367	\$29,556	\$36,399	\$26,918
<p>Description:</p> <p>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.</p> <p>2. This item is procured through the Ogden Air Logistics Center.</p> <p>3. Items requested in FY07 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>								
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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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				FY2005			FY2006			FY2007			
		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						(\$13,235)							
MXU-650/B KIT							\$12,155							
PALLET							\$7							
DRUM CONTAINER (YY52)							\$1,073							
MXU-650 GBU-12	A						(\$13,185)							
MXU-650/B KIT							\$12,350							
PALLET							\$5							
DRUM CONTAINER (YY52)							\$830							
MXU-650 GBU-12	A									(\$26,933)			(\$18,628)	
MXU-650/B KIT										\$25,044			\$17,569	
PALLET										\$12			\$6	
DRUM CONTAINER (YY52)										\$1,877			\$1,053	
TOTALS:						8,029	\$26,420	7,694		\$26,933	4,196		\$18,628	

Remarks:

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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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	FY2005			FY2006			FY2007		
		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 2006

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									
FY2005(1)			AFMC/OO-ALC	OPT/FFP	LOCKHEED MARTIN/ ARCHBALD, PA	Jun-05	Jul-06		
FY2005(2)			AFMC/OO-ALC	OPT/FFP	RAYTHEON/ TUCSON, AZ	Jun-05	Jul-06		
FY2006(3)			AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-06	May-07	Yes	
FY2007(3)			AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-07	May-08	Yes	

Remarks:

- (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) FY06 and FY07 will be split between Raytheon and Lockheed Martin.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MXU-651 GBU-10 FIN ASSEMBLY)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$0	\$3,010	\$5,958	\$6,617	\$2,374	\$1,338	\$6,078
<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. Funding increase in FY07 necessary to meet requirements. 3. This item is procured through the Ogden Air Logistics Center. 4. Items requested in FY07 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 2006
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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				FY2005			FY2006			FY2007			
		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									(\$3,010)			(\$5,958)	
MXU-651 KIT										\$2,895			\$5,726	
PALLET										\$1			\$1	
DRUM CONTAINER (YY51)										\$114			\$231	
TOTALS:								450		\$3,010	881		\$5,958	

Remarks:
Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

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)			AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-06	Jun-07	Yes	
FY2007(1-2)			AFMC/OO-ALC	OPT/FFP	UNKNOWN	Apr-07	Jun-08	Yes	

Remarks:

- (1) FY06 and FY07 will be split between Raytheon and Lockheed Martin.
- (2) Contract has an FY03 base year with six option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-82 (TRITONAL) GP BOMB - E485)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$1,701	\$2,440	\$10,750	\$40,287	\$54,928	\$54,116	\$41,804

Description:

1. The MK-82 is a 500-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 Paveway II and Joint Direct Attack Munition weapon systems. The MK-82 can also be fuzed with proximity, instantaneous, or delayed fuzes to provide a variety of military effects.
2. Until now there has been a substantial inventory of this item that was initially purchased during the cold war. Due to steady depletion of this inventory, significantly increased procurement is essential.
3. This item is procured through the Single Manager for Conventional Ammunition (SMCA).

2. Items requested in FY07 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 requirements.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

GENERAL PURPOSE BOMBS (MK-82 (TRITONAL) GP BOMB - E485)

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
BOMB GP 500 LB MK 82-1	A				1,045	\$1,622.56	(\$1,696)	1,409	\$1,723.36	(\$2,428)	5,663	\$1,893.86	(\$10,725)
LOAD, ASSEMBLE, PACK (LAP)					1,045	\$391.00	\$409	1,396	\$472.50	\$660	5,663	\$531.29	\$3,009
MK82 BOMB BODY (1)					1,076	\$765.00	\$823	1,451	\$784.98	\$1,139	5,832	\$859.72	\$5,014
TNT TYPE I FLAKE (LB)					169,689	\$2.22	\$377	212,043	\$2.17	\$459	794,251	\$2.39	\$1,900
ALUMINUM POWDER (LB)					42,845	\$1.18	\$50	57,236	\$1.02	\$58	298,900	\$1.26	\$376
SUSP LUG MS3314 (1)					2,195	\$16.76	\$37	2,958	\$18.48	\$55	9,863	\$18.94	\$187
PALLET MHU-149/E								239	\$156.00	\$37	967	\$156.00	\$151
PALLET INSPECTION, MHU 149/E								239	\$84.00	\$20	962	\$92.49	\$89
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING							\$6			\$7			\$17
QUALITY ASSURANCE (2)										\$5			\$8
TOTALS:					1,045		\$1,701	1,409		\$2,440	5,663		\$10,750

Remarks:

Total Cost information is in thousands of dollars.

(1) Three percent more bomb bodies and lugs are procured to account for defects.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

GENERAL PURPOSE BOMBS (MK-82 (TRITONAL) GP BOMB - E485)

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
BOMB GP 500 LB MK 82-1									
FY2005(1)	1,045	\$1,622.56	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Feb-05	Sep-05		
FY2006(2)	1,409	\$1,723.36	AFMC/OO-ALC	MIPR/FFP W/OPT	ARMY/ MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Jun-06	May-08	Yes	
FY2007(2)	5,663	\$1,893.86	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ MCALESTER ARMY AMMUNITION PLANT/ MCALESTER, OK	Mar-07	Feb-09	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 FY03 base year with two options years.
- (2) Contract will have an FY06 base year with four option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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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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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST <small>(in Thousands)</small>		\$9,649	\$19,276	\$24,560	\$42,919	\$30,245	\$27,879	\$17,498

Description:

1. All items have a procurement value of less than \$5,000,000. Representative items requested in FY07 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.

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
BSU-33 FIN, MK82 GP BOMB (F782)				54,426	\$4,967
BLU-109 (D-1)/B (F034)				420	\$4,902
MK-83 INERT (F254)				232	\$380
AIRFOIL GROUP (EA26)				152	\$1,550
MK-84 INERT (F262)				1,146	\$3,365
TTU-461				39	\$4,000
WGU-39(D-2) LOAD TRAINER (RY14)				185	\$1,898
BLU-113A(D-1)/B INERT BOMB (E989)				7	\$770
LANYARD, KELVAR, BRU-57 (EC16)				2,827	\$175
LANYARD (EA67)				5,794	\$100
KEVLAR LANYARD (EA99)				5,400	\$74
CBU-89(D-2)/B (AIR TNG) (K294)				40	\$1,114
BLU-113 A/B EMPTY CASE (MY38)				2	\$252
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)	DATE: FEBRUARY 2006
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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			FY2007	
		QTY.	COST	QTY.	COST
DISP/BOMB CBU-87(T-3)/B (E920)				68	\$1,000
SPLIT CLIP (DY92)				17,590	\$10
TOTALS:					\$24,560

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: SENSOR FUZED WEAPON
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY		321	332	305	305	310	315	315
COST (in Thousands)		\$116,482	\$118,764	\$118,887	\$118,652	\$120,990	\$123,353	\$125,785

Description:

1. The Sensor Fuzed Weapon (SFW) is a wide-area smart munition designed for use against moving and stationary vehicles. The SFW provides operational forces with the capability to achieve multiple kills per pass, in all weather conditions, day or night. The SFW (CBU-97) consists of a Tactical Munitions Dispenser (TMD) containing ten BLU-108 submunitions. Each submunition contains four warheads, a parachute assembly, altimeter, and rocket motor. The TMD opens after release from the delivery aircraft, dispensing the submunitions. The submunitions are slowed by parachute and oriented nose downward. After the parachute ejects, the rocket motor fires to launch the warheads. The warheads release in a horizontal trajectory and target activate using infrared and laser sensors contained in the warhead, firing a self-forging projectile into the target. SFW has a 99 percent self-destruct capability to reduce battlefield Unexploded Ordinance (UXO).

2. The SFW (CBU-97) is designated the CBU-105 when mated with the Wind Corrected Munitions Dispenser (WCMD); it is designated the CBU-115 when mated with the WCMD-Extended Range (WCMD-ER). The WCMD and WCMD-ER kits are procured separately for dispenser munitions to correct for wind-induced delivery errors. Configurations are produced to support USAF as well as Foreign Military Sales (FMS) inventory requirements.

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UNCLASSIFIED

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

SENSOR FUZED WEAPON

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
HARDWARE					321		(\$113,968)	332		(\$116,168)	305		(\$116,242)
CBU-97/B	A				321	\$349,685	\$112,249	332	\$346,663	\$115,092	305	\$350,213	\$106,815
ENGINEERING CHANGE ORDERS							\$1,374			\$1,076			\$9,427
GOVERNMENT FURNISHED EQUIPMENT							\$345						
PRODUCTION AND SUPPORT COST							(\$2,514)			(\$2,596)			(\$2,645)
TEST SUPPORT (LOT ACCEPTANCE TEST/QUAL)							\$618			\$638			\$649
PROGRAM SUPPORT							\$1,749			\$1,810			\$1,845
LOAD, ASSEMBLY, PACK (LAP) SUPPORT							\$147			\$148			\$151
TOTALS:							\$116,482			\$118,764			\$118,887

Remarks:

Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: SENSOR FUZED WEAPON
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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
CBU-97/B									
FY2005	321	\$349,685	AFMC/AAC	SS/FFP	TEXTRON SYS/ WILMINGTON, MA	Dec-04	Jan-06		
FY2006	332	\$346,663	AFMC/AAC	SS/FFP	TEXTRON SYS/ WILMINGTON, MA	Jan-06	Jan-07		
FY2007	305	\$350,213	AFMC/AAC	SS/FFP	TEXTRON SYS/ WILMINGTON, MA	Jan-07	Jan-08	Yes	

Remarks:
Cost information is in actual dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40M)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION
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	PRIOR YEARS	2005	2006	2007	2008	2009	2010	2011	TOTAL
Quantity	82,460	22,826	8,000	7,261	3,817	3,826	3,750	3,734	135,674
Gross Cost (\$M)	\$1,736.484	\$514.390	\$220.290	\$175.013	\$111.553	\$105.408	\$105.937	\$109.325	\$3,078.400
Initial Spares (\$M)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total (\$M)	\$1,736.484	\$514.390	\$220.290	\$175.013	\$111.553	\$105.408	\$105.937	\$109.325	\$3,078.400
Flyaway Unit Cost (\$M)	\$0.020	\$0.022	\$0.025	\$0.022	\$0.026	\$0.024	\$0.025	\$0.026	\$0.021
Wpn Sys Proc Unit Cost (\$M)	\$0.021	\$0.023	\$0.028	\$0.024	\$0.029	\$0.028	\$0.028	\$0.029	\$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 guidance kit consisting of 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-14B/D, F/A-18A+/C/D/E/F, F-15E, AV-8B and F-22A aircraft. Follow-on integrations with the F-117A, A/OA-10, MQ-9 and F-35 are in progress.

2. FY07 (Lot 11) and subsequent JDAM Lots are Selective Availability Anti-Spoofing Module (SAASM) equipped. FY07 unit pricing is based on the baseline kit price. Based on the most critical operational requirements GPS anti-jam equipped JDAMs may be procured. Any GPS anti-jam JDAM procurement would reduce the total quantity buy due to increased cost for this increased capability. Additionally, FY07 includes funding to procure initial JDAM guidance and control kits for installation in JSTARS aircraft as part of the Affordable Moving Target Engagement (AMSTE) program.

3. Total Funding includes Seek Eagle.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

JOINT DIRECT ATTACK MUNITION

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
JOINT DIRECT ATTACK MUNITION					22,826		(\$496,659)	8,000		(\$200,021)	7,261		(\$160,121)
AIRFRAME	A				22,826	\$21,545	\$491,778	8,000	\$24,500	\$195,998	7,261	\$21,546	\$156,449
ENGINEERING CHANGE ORDERS										\$2,078			\$2,121
CONTRACTOR INCENTIVE							\$4,881			\$1,945			\$1,551
SUPPORT COSTS					167		(\$17,728)	105		(\$20,269)	105		(\$14,785)
AIRBORNE TEST EQUIPMENT	A				167	\$30,683	\$5,124	100	\$34,280	\$3,428	100	\$35,000	\$3,500
TEST EQUIPMENT (CMBRE)	A							5	\$124,600	\$623	5	\$127,200	\$636
PROGRAM MANAGEMENT ADMINISTRATION & MISSION SUPPORT							\$3,236			\$4,972			\$4,476
ALTERNATE DISPUTE RESOLUTION							\$50			\$52			\$53
TRAINING							\$1,215						
PRODUCTION SUSTAINING ENGINEERING							\$8,103			\$11,194			\$6,120
SEEK EAGLE													\$107
TOTALS:							\$514,387			\$220,290			\$175,013

Remarks:

Total Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

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									
FY2005	22,826	\$21,545	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Feb-05	Mar-06		
FY2006	8,000	\$24,500	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Feb-06	Mar-07	Yes	
FY2007	7,261	\$21,546	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-07	Mar-08	Yes	
FY2008	3,817	\$24,948	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-08	Mar-09	Yes	
FY2009	3,826	\$23,211	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-09	Mar-10	Yes	
FY2010	3,750	\$24,091	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-10	Mar-11	Yes	
FY2011	3,734	\$25,006	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-11	Mar-12	Yes	
SUPPORT COSTS									
AIRBORNE TEST EQUIPMENT									
FY2005	167	\$30,683	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Feb-05	Nov-05		
FY2006	100	\$34,280	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Feb-06	Oct-06	Yes	
FY2007	100	\$35,000	AFMC/AAC	SS/FFP	BOEING/ ST CHARLES, MO	Jan-07	Oct-07	Yes	

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION
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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
TEST EQUIPMENT (CMBRE)									
FY2006(1)	5	\$124,600	AFMC/ASC	OTH/FFP	ALLIANT TECH SYSTEMS/ CLEARWATER, FL	Mar-06	Jan-07	Yes	
FY2007(1)	5	\$127,200	AFMC/ASC	OTH/FFP	ALLIANT TECH SYSTEMS/ CLEARWATER, FL	Mar-07	Jan-08	Yes	

Remarks:
 Cost information is in actual dollars.

(1) CMBRE test equipment procured on a General Services Administration schedule.

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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 2006	APPN: 3011
CATEGORY TY\$ FY07APB PE: 27583F BPAC: 353010	EQUIP: MUNITIONS	REPORT CONTROL SYMBOL:	PREPARED BY: ACC/YU	

DESCRIPTION	PRIOR YEARS	2005	2006	2007	2008	2009	2010	2011	TOTAL
QUANTITY OF AURs	82,460	22,826	8,000	7,261	3,817	3,826	3,750	3,734	135,674
RECURRING HARDWARE	\$1,641.610	\$491.778	\$195.998	\$156.449	\$95.226	\$88.807	\$90.341	\$93.373	\$2,853.582
ECO	\$0	\$0	\$2.078	\$2.121	\$2.166	\$2.211	\$0.903	\$0.934	\$10.413
CONTRACTOR INCENTIVE	\$17.471	\$4.881	\$1.945	\$1.551	\$0.846	\$0.881	\$0.896	\$0.926	\$29.397
FLYAWAY COST	\$1,659.081	\$496.659	\$200.021	\$160.121	\$98.238	\$91.899	\$92.140	\$95.233	\$2,893.392
TEST EQUIPMENT (CMBRE)	\$7.535	\$0.003	\$0.623	\$0.636	\$0	\$0	\$0	\$0	\$8.797
AIRBORNE TEST EQUIPMENT	\$18.232	\$5.124	\$3.428	\$3.500	\$3.574	\$3.649	\$3.725	\$3.804	\$45.036
DATA	\$0.059	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.059
PROGRAM MGMT./ADMIN REQ	\$16.121	\$3.236	\$4.972	\$4.476	\$4.570	\$4.663	\$4.760	\$4.858	\$47.656
SYSTEM TEST & EVALUATION	\$0.222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.222
TRAINING	\$2.576	\$1.215	\$0	\$0	\$0	\$0	\$0	\$0	\$3.791
PROD. SUSTAINING ENGINEERING	\$28.497	\$8.103	\$11.194	\$6.120	\$5.117	\$5.142	\$5.256	\$5.372	\$74.801
SEEK EAGLE	\$0.868	\$0	\$0	\$0.107	\$0	\$0	\$0	\$0	\$0.975
ALT. DISPUTE RESOLUTION	\$0.540	\$0.050	\$0.052	\$0.053	\$0.054	\$0.055	\$0.056	\$0.058	\$0.918
DELIVERY ACCELERATION	\$2.753	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2.753
WEAPON SYSTEM COST	\$1,736.484	\$514.390	\$220.290	\$175.013	\$111.553	\$105.408	\$105.937	\$109.325	\$3,078.400
INITIAL SPARES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROCUREMENT COST	\$1,736.484	\$514.390	\$220.290	\$175.013	\$111.553	\$105.408	\$105.937	\$109.325	\$3,078.400
TOTAL PROGRAM (TY\$)	\$1,736.484	\$514.390	\$220.290	\$175.013	\$111.553	\$105.408	\$105.937	\$109.325	\$3,078.400
APPROVED PROGRAM (TY\$)	\$1,736.484	\$514.390	\$220.290	\$175.013	\$111.553	\$105.408	\$105.937	\$109.325	\$3,078.400
DELTA (TY\$)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY		1,729	70	250	0	0	0	0
COST (in Thousands)		\$58,398	\$15,490	\$34,704	\$0	\$0	\$0	\$0

Description:

1. The combat-proven Wind Corrected Munitions Dispenser (WCMD) tail kit enables the Combat Air Forces to accurately employ tactical munitions dispenser (TMD) weapons from medium to high altitudes, in adverse weather, day or night. WCMD tail kits are fitted on the CBU-87 (Combined Effects Munition) and CBU-97 (Sensor Fuzed Weapon) TMDs to produce CBU-103 and CBU-105 weapons, respectively. The WCMD tail kit corrects for launch transients, ballistic errors, and wind drift to ensure the TMD is delivered to an accurate target dispense point.
2. Quantities reflected above do not match the P-1 exhibit, the quantities reflected on this document are actual. Due to database lock time constraints, the quantities reflected on the P-1 exhibit did not reflect the most recent contract award data.
3. The Wind Corrected Munitions Dispenser - Extended Range (WCMD-ER) pre-planned product improvement (P3I) effort adds a wing assembly and a WCMD GPS tail assembly to provide an accurate, standoff delivery capability for TMDs. The WCMD-ER P3I program was initiated in FY03 under PE 604600F. WCMD-ER will enable the Combat Air Forces to accurately deliver and employ Sensor Fuzed Weapons (SFWs) from a 35nm standoff range. WCMD-ER satisfies a Joint Capabilities Integration and Development System (JCIDs) validated requirement for an area standoff capability.
4. In FY06 WCMD-ER received a \$15.7 million Congressional add in the FY06 Appropriations Conference Report 109-359 (dated 18 December 2005)..

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER
--	--

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
WIND CORRECTED MUNITIONS DISPENSER													
HARDWARE-RECURRING													
WCMD BASELINE KITS	A				1,629	\$23,073	\$37,586						
WCMD ER KITS	A				100	\$146,670	\$14,667	70	\$202,205	\$14,154	250	\$112,078	\$28,020
ECO							\$497			\$634			\$649
HARDWARE-NONRECURRING													
NONRECURRING (1)							\$2,941						\$1,143
PRODUCTION SUPPORT													
SYSTEM TEST							\$250						
PROGRAM SUPPORT							\$1,719			\$307			\$1,589
OTHER COSTS (2)							\$738			\$394			\$3,303
TOTALS:					1,729		\$58,398	70		\$15,490	250		\$34,704

Remarks:
Total Cost information is in thousands of dollars.

(1) Nonrecurring costs - Failure Analysis, Air Force Mission Support System (AFMSS), and aircraft integration.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER
--	--

WEAPON SYSTEM COST ELEMENTS	ID CODE	FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST

(2) Other costs - WCMD retrofits, field installation, and safety.													
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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

WIND CORRECTED MUNITIONS DISPENSER

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
WIND CORRECTED MUNITIONS DISPENSER									
HARDWARE-RECURRING									
WCMD BASELINE KITS									
FY2005	1,629	\$23,073	AFMC/AAC	SS/FFP	LOCKHEED-MARTIN/ ORLANDO, FL	May-05	Mar-06		
WCMD ER KITS									
FY2005	100	\$146,670	AFMC/AAC	SS/FFP	LOCKHEED-MARTIN/ ORLANDO, FL	May-05	Apr-06		
FY2006	70	\$202,205	AFMC/AAC	SS/FFP	LOCKHEED-MARTIN/ ORLANDO, FL	Mar-06	Mar-07	Yes	
FY2007	250	\$112,078	AFMC/AAC	SS/FFP	LOCKHEED-MARTIN/ ORLANDO, FL	Jan-07	Jan-08	Yes	

Remarks:

Cost information is in actual dollars.

Unit costs reflect cost of hardware only.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CAD/PAD
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$20,284	\$20,928	\$29,909	\$22,993	\$23,513	\$24,478	\$24,890

Description:

1. Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD), such as gas generators, initiators, 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. Aircraft operational availability is directly impacted if replacement CAD/PAD assets are not available to meet these "time-change" requirements. Life support devices such as the Sea Water Activated Release System (SEWARS) and parachute release cartridges are essential to aircrew survival after ejection and are included in the CAD/PAD category.

2. Funding increase in FY07 is primarily due to the new requirement for the T-6 trainer aircraft CAD/PAD items.

3. Items requested in FY07 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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UNCLASSIFIED

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

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

CAD/PAD

PROCUREMENT ITEMS	ID CODE			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
BOMBER AIRCRAFT	A				\$6,016		\$6,027		\$6,283
CARGO AIRCRAFT	A				\$3,790		\$3,906		\$4,090
FIGHTER AIRCRAFT	A				\$4,480		\$4,800		\$5,266
TRAINING AIRCRAFT	A				\$450		\$450		\$8,050
COMMON EGRESS ITEMS	A				\$2,862		\$2,607		\$2,760
COMMON LIFE SUPPORT ITEMS	A				\$2,386		\$2,471		\$2,500
COMMON MISC ITEMS	A				\$300		\$667		\$960
TOTALS:					\$20,284		\$20,928		\$29,909

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: EXPLOSIVES ORDNANCE DISPOSAL (EOD)
--	--

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST <small>(in Thousands)</small>		\$5,774	\$2,918	\$3,091	\$3,157	\$3,230	\$3,348	\$3,446

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 FY05, EOD received \$2,898,000 in additional funding under P.L. 109-13, the Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Tsunami Relief Act, 2005.

3. Items requested in FY07 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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UNCLASSIFIED

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

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

EXPLOSIVES ORDNANCE DISPOSAL (EOD)

PROCUREMENT ITEMS	ID CODE	FY2005		FY2006		FY2007			
		QTY.	COST	QTY.	COST	QTY.	COST		
CHARGE, DEMOLITION C4-M112 (M023)	A			253,864	\$3,920	39,803	\$678	31,088	\$665
DEMOLITION TOOLS	A			88	\$445	106	\$545	117	\$615
EXPLOSIVE CUTTING TAPE (MM53)	A			2,839	\$309	8,521	\$504		
EXPLOSIVE CUTTING TAPE (MM54)	A			4,033	\$381	5,214	\$515	5,125	\$555
EOD TRAINING AIDS	A			40	\$320	47	\$400	44	\$400
DISRUPTOR, LIGHT WEIGHT (YY32)	A			594	\$70	440	\$53	203	\$25
CHARGE, DEMO SHAPED MK88 (M997)	A			757	\$65	719	\$59	412	\$37
RE70 FSS SLUG (NY11)	A			1,255	\$73	447	\$27		
SEMTEX A (MN82)	A			1,467	\$25	1,450	\$25	2,023	\$35
IGNITER TIME BLASTING (MN08)	A			4,785	\$19	6,024	\$25	5,813	\$25
DISRUPTOR, MAIN CHARGE (DWDF)	A			1,602	\$70	452	\$20	446	\$20
MK275 AVON (AA63)	A			829	\$5			795	\$5
ALUMINUM SLUG, MK 280 (DWEE)	A					2,745	\$14	588	\$3
STEEL SLUG, MK 279 (DWED)	A					2,745	\$14	588	\$3
SHOCK TUBE (YY34)	A			500,000	\$25	166,666	\$10	333,333	\$20

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

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

EXPLOSIVES ORDNANCE DISPOSAL (EOD)

PROCUREMENT ITEMS	ID CODE	FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST
ENHANCED BLANK, MK 277 (DWEC)	A			3,448	\$10	3,412	\$10
DYNAMITE, 75% AMMON NITRATE (MN85)	A			1,538	\$7	2,103	\$5
SQUIB (WB29)	A			1,250	\$5	1,234	\$5
MK276 POPPER (AA64)	A			3,508	\$6	1,142	\$2
EXPLOSIVE WATER GEL (MY77)	A			1,282	\$2	2,564	\$2
MEDIUM VELOCITY BLANK (AA66)	A			4,176	\$17	480	\$2
RELOADER (ML66)	A			77	\$1	74	\$1
DYNAMITE, NITRO GLYCERIN MN30	A					613	\$1
MK274 ULTRA (AA62)	A			1,610	\$9		
MINI-MINE DETECTOR	A					41	\$150
CITADEL	A					25	\$100
SOFT MOUNT (BARRETT)	A					76	\$61
HOOK AND LINE KIT (ADV II)	A					16	\$59
MK32 MOD 4 X-RAY PROCESSOR	A					8	\$56
RE70 STANDOFF DEARMER	A					17	\$133

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2006
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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	FY2005		FY2006		FY2007		
		QTY.	COST	QTY.	COST	QTY.	COST	
DEMINEING FLARE (LA37)	A					392	\$102	
TOTALS:					\$5,774		\$2,918	\$3,091

Remarks:

Cost information is in thousands of dollars.

	P-1 ITEM NO 9		PAGE NO: 110	Page 3 of 3
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SPARES AND REPAIR PARTS				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$1,901	\$4,295	\$4,705	\$4,665	\$5,011	\$5,074	\$5,210
<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 FY07 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: 111		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: SPARES AND REPAIR PARTS
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PROCUREMENT ITEMS	ID CODE			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
INITIAL SPARES							{\$136}		{\$270}
MISC. LOW COST INITIAL SPARES	A						\$136		\$270
REPLENISHMENT SPARES					{\$1,901}		{\$4,159}		{\$4,435}
GP BOMBS	A				\$1,901		\$4,159		\$4,435
TOTALS:					\$1,901		\$4,295		\$4,705

Remarks:

Cost information is in thousands of dollars.

	P-1 ITEM NO 10		PAGE NO: 112	Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: MODIFICATIONS
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST <small>(in Thousands)</small>		\$201	\$880	\$919	\$923	\$1,229	\$1,308	\$1,336

Description:

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.

2. The FY07 funding request reflects estimated costs based on historical funding requirements and projected future requirements.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$3,198	\$3,896	\$4,083	\$4,115	\$3,993	\$1,752	\$1,767
<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 FY07 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 13		PAGE NO: 114		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION			
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
GRENADe HAND, GREEN SMOKE (G940)				13,394	\$1,431
NUCLEAR TRAINER				1	\$665
GRENADe HAND, MK84 STUN (GG09)				1,588	\$150
GRENADe HAND, RED SMOKE (G950)				7,388	\$495
GRENADe HAND, VIOLET SMOKE (G955)				4,911	\$280
SIMULATOR, GROUND BURST (L594)				9,365	\$160
GRENADe HAND, PRACTICE (L601)				10,933	\$143
GRENADe HAND, FRAG DELAY (G881)				10,304	\$393
SIMULATOR, AIR BURST (L366)				709	\$35
PEPPER SPRAY (KM01)				782	\$16
PEPPER SPRAY POCKET (KM02)				6,032	\$115
GRENADe HAND, YELLOW SMOKE (G945)				4,439	\$200
TOTALS:					\$4,082
P-1 ITEM NO 13		PAGE NO: 115		Page 1 of 2	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: ITEMS LESS THAN \$5 MILLION		
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
Remarks: Cost information is in thousands of dollars.					
	P-1 ITEM NO 13		PAGE NO: 116		Page 2 of 2

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (OVERVIEW)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST <small>(in Thousands)</small>		\$105,586	\$131,827	\$161,958	\$168,871	\$220,525	\$196,623	\$203,519
<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. Items requested in FY07 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 14		PAGE NO: 117		Page 1 of 1			

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

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

FLARES (OVERVIEW)

PROCUREMENT ITEMS	ID CODE			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MJU-7B IR FLARE (L463)	A			733,454	\$23,657	605,555	\$26,711	758,326	\$28,360
M206 FLARE (L410)	A			1,564,369	\$25,788	1,110,952	\$32,904	1,376,637	\$31,387
M-211 (LA14)	A			93,444	\$7,440	209,740	\$16,873	267,280	\$21,730
M-212 (LA15)	A			18,830	\$2,641	32,797	\$4,034	61,695	\$8,368
MJU-10/B FLARE (L461)	A					61,619	\$6,476	354,507	\$14,520
MJU-39/40 FLARE	A			3,277	\$7,736	4,587	\$10,829	4,725	\$11,155
MJU-47/B (LA30)	A			10,051	\$3,762	9,947	\$3,762	16,745	\$6,400
MJU-48/B (LA31)	A			7,964	\$3,280	7,882	\$3,280	15,218	\$6,400
MJU-50/B FLARE (LA19)	A			100,977	\$6,300	99,936	\$6,300	292,001	\$18,603
ITEMS LESS THAN \$5 MILLION	A				\$24,982		\$20,658		\$15,035
TOTALS:					\$105,586		\$131,827		\$161,958

Remarks:

Cost information is in thousands of dollars.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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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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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$23,657	\$26,711	\$28,360	\$28,752	\$32,164	\$32,781	\$30,000

Description:

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 FY07 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 2006
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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				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
MJU-7A/B IR FLARE	A				403,400	\$32	\$13,008,036						
MJU-7A/B IR FLARE	A				330,054	\$32	\$10,642,921						
MJU-7A/B IR FLARE	A							605,555	\$44	\$26,704,976	758,326	\$37	\$28,353,809
PRODUCTION SUPPORT													
QUALITY ASSURANCE (1)							\$6,000			\$6,000			\$6,117
TOTALS:							\$23,656,958			\$26,710,976			\$28,359,926

Remarks:
Total Cost information is in actual dollars.

(1) Quality Assurance consists of funding for Army personnel to travel to production facilities.

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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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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									
FY2005	403,400	\$32	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ ARMTEC/ CAMDEN, AR	Feb-05	Aug-06		
FY2005	330,054	\$32	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ KILGORE/ TOONE, TN	Feb-05	Mar-06		
FY2006	605,555	\$44	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ UNKNOWN	Mar-06	Mar-07	Yes	
FY2007	758,326	\$37	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ UNKNOWN	Mar-07	Mar-08	Yes	

Remarks:
 Cost information is in actual dollars.

Contract is a split award with an FY04 base year and five option years. Actual split for FY06 and FY07 are unknown at this time.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (M206 FLARE - L410)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$25,788	\$32,904	\$31,387	\$30,947	\$33,238	\$27,733	\$28,410
<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. Items requested in FY07 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 2006
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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				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
FLARES (M206 FLARE - L410)					1,294,369		{ \$25,788 }	1,110,952		{ \$32,904 }	1,376,637		{ \$31,387 }
M206 FLARE	A				712,192	\$20	\$14,063						
M206 FLARE	A				582,177	\$20	\$11,496						
M206 FLARE	A							1,110,952	\$29	\$32,662	1,376,637	\$23	\$31,112
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING							\$229			\$236			\$263
QUALITY ASSURANCE (1)										\$6			\$12
TOTALS:							\$25,788			\$32,904			\$31,387

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 2006
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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									
FY2005	712,192	\$19.75	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ ARMTEC/ CAMDEN, AR	Mar-05	May-06		
FY2005	582,177	\$19.75	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ KILGORE/ TOONE, TN	Mar-05	May-06		
FY2006	1,110,952	\$29.40	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ UNKNOWN	Mar-06	Mar-07	Yes	
FY2007	1,376,637	\$22.60	AFMC/OO-ALC	MIPR/OPT/FP	ARMY/ UNKNOWN	Mar-07	Mar-08	Yes	

Remarks:
 Cost information is in actual dollars.

Contract has FY04 base year with five option years. The procurement is split between two contractors.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (M211 ACFT FLARE - LA14)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$7,440	\$16,873	\$21,730	\$13,460	\$12,559	\$12,924	\$12,996

Description:

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. Items requested in FY07 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.
3. 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 2006
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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	FY2005		FY2006		FY2007			
		QTY.	COST	QTY.	COST	QTY.	COST		
M211 FLARE	A			93,444	\$7,440,011	209,740	\$16,872,975	267,280	\$21,729,971
TOTALS:					\$7,440,011		\$16,872,975		\$21,729,971

Remarks:

Cost information is in actual dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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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									
FY2005(1)	93,444	\$79.62	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Jun-05	Jul-06		
FY2006(1)	209,740	\$80.45	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Dec-05	Dec-06		
FY2007(2)	267,280	\$81.30	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/ ALLOY SURFACES/ CHESTER TOWNSHIP, PA	Mar-07	Dec-07	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 with three option years.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (M212 INFRA RED CM FLARE - LA15)
--	---

		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$2,641	\$4,034	\$8,368	\$16,026	\$21,782	\$11,237	\$11,635

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 FY07 is due to the programmed production ramp up for this item.
3. Items requested in FY07 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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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)							DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (M212 INFRA RED CM FLARE - LA15)					
PROCUREMENT ITEMS	ID CODE			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
M212 (LA15)	A			18,830	\$2,641	32,797	\$4,034	61,695	\$8,368
TOTALS:				18,830	\$2,641	32,797	\$4,034	61,695	\$8,368
<p>Remarks: Cost information is in thousands of dollars.</p>									
P-1 ITEM NO 14			PAGE NO: 129			Page 1 of 1			

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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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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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)									
FY2005(1)	18,830	\$140.25	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ATK-THIOKOL PROPULSION CO/ BRIGHAM CITY, UT	Jul-05	Mar-06		
FY2006(1)	32,797	\$123.00	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ ATK-THIOKOL PROPULSION CO/ BRIGHAM CITY, UT	Mar-06	Aug-06	Yes	
FY2007(2)	61,695	\$135.63	AFMC/OO-ALC	MIPR/SS/FFP W/OPT	ARMY/ ATK-THIOKOL PROPULSION CO/ BRIGHAM CITY, UT	Mar-07	Aug-07	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 with three option years.

P-1 ITEM NO 14	PAGE NO: 130	Page 1 of 1
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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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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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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$0	\$6,476	\$14,520	\$16,963	\$18,625	\$18,958	\$19,325

Description:

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 FY07 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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UNCLASSIFIED

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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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				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
MJU-10/B	A							61,619	\$105.00	\$6,470	354,507	\$40.94	\$14,514
QUALITY ASSURANCE										\$6			\$6
TOTALS:								61,619		\$6,476	354,507		\$14,520

Remarks:
Total Cost information is in thousands of dollars.

	P-1 ITEM NO 14		PAGE NO: 132	Page 1 of 1
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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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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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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	61,619	\$105.00	AFMC/OO-ALC	MIPR/FFP W/OPT	ARMY/ UNKNOWN	Apr-06	Oct-07	Yes	
FY2007	354,507	\$40.94	AFMC/OO-ALC	MIPR/OPT/FFP	ARMY/ UNKNOWN	Mar-07	Mar-08	Yes	

Remarks:
 Cost information is in actual dollars.

 Contract will have an FY06 base year with two option years.

	P-1 ITEM NO 14		PAGE NO: 133	Page 1 of 1
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UNCLASSIFIED

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-39/40-ACFT FLARE - LA32/LA33)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$7,736	\$10,829	\$11,155	\$12,496	\$12,801	\$16,153	\$12,909
<p>Description:</p> <ol style="list-style-type: none"> 1. MJU-39/40 flares are expendable devices used on the F-22 aircraft to counter infrared missiles. Each flare contains material that emits an infrared signature when exposed to air. These flares are designed to meet F-22 unique requirements. 2. This item is procured through the Ogden Air Logistics Center. 2. Items requested in FY07 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: 134		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)							DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-39/40-ACFT FLARE - LA32/LA33)					
PROCUREMENT ITEMS	ID CODE			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MJU-39/40	A			3,277	\$7,736	4,587	\$10,829	4,725	\$11,155
TOTALS:				3,277	\$7,736	4,587	\$10,829	4,725	\$11,155
<p>Remarks: Cost information is in thousands of dollars.</p>									
P-1 ITEM NO 14			PAGE NO: 135			Page 1 of 1			

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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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									
FY2005	3,277	\$2,361	AFMC/OO-ALC	SS/FFP W/OPT	KILGORE/ TOONE, TN	May-06	May-07	Yes	
FY2006	4,587	\$2,361	AFMC/OO-ALC	OPT/FFP	KILGORE/ TOONE, TN	May-06	May-07	Yes	
FY2007	4,725	\$2,361	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	Mar-07	Mar-08	Yes	

Remarks:
 Cost information is in actual dollars.

Propriety of the technical data package (TDP) for this item was under dispute until January 2006. The FY05 contracting effort was put on hold pending resolution of the TDP issue. The issue is now resolved and award of a sole source contract with one option year is anticipated in May 06.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-47/B - LA30)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$3,762	\$3,762	\$6,400	\$7,762	\$12,062	\$11,792	\$12,022
<p>Description:</p> <ol style="list-style-type: none"> 1. The MJU-47/B is an infrared countermeasure flare used on F-15 and F-16 fighter aircraft against heat seeking missiles. When used in conjunction with the MJU-48/B flare, the MJU-47/B provides effective defense against modern manpad threats. The flare payload consists of an infrared flare pellet contained in a flare housing with fins and nozzles, integral sequencing mechanism, and a plastic piston contained in an aluminum cartridge case. The forward end of the outer aluminum case contains a cup receptacle for the BBU-36/B impulse cartridge with a crimped/staked plastic end cap at the aft end. 2. Funding increase in FY07 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 FY07 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 14		PAGE NO: 137		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-47/B - LA30)
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PROCUREMENT ITEMS	ID CODE	FY2005		FY2006		FY2007			
		QTY.	COST	QTY.	COST	QTY.	COST		
MJU-47/B FLARE - LA30	A			10,051	\$3,762	9,947	\$3,762	16,745	\$6,400
TOTALS:				10,051	\$3,762	9,947	\$3,762	16,745	\$6,400

Remarks:
Cost information is in thousands of dollars.

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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-47/B - LA30)
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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-47/B FLARE - LA30									
FY2005	10,051	\$374.29	AFMC/OO-ALC	SS/FFP	ARMTEC/ CAMDEN, AR	Aug-05	Apr-06		
FY2006	9,947	\$378.18	AFMC/OO-ALC	SS/FFP	ARMTEC/ CAMDEN, AR	Apr-06	Mar-07	Yes	
FY2007(1)	16,745	\$382.19	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	Mar-07	Mar-08	Yes	

Remarks:
 Cost information is in actual dollars.

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

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-48/B - LA31)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$3,280	\$3,280	\$6,400	\$6,810	\$10,610	\$10,822	\$11,034
<p>Description:</p> <p>1. The MJU-48/B is an infrared countermeasure flare used on F-15 and F-16 fighter aircraft against heat seeking missiles. When used in conjunction with the MJU-47/B flare, the MJU-48/B provides effective defense against modern manpad threats. The flare payload consists of two parts; an infrared flare pellet with integral sequencing mechanism and an activated metal payload. The forward end of the outer aluminum case contains a cup receptacle for the impulse cartridge BBU-35/B with a crimped/staked end cap at the aft end.</p> <p>2. Funding increase in FY07 is due to the programmed production ramp up for this item.</p> <p>3. This item is procured through the Ogden Air Logistics Center.</p> <p>4. Items requested in FY07 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 14		PAGE NO: 140		Page 1 of 1			

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-48/B - LA31)
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PROCUREMENT ITEMS	ID CODE	FY2005		FY2006		FY2007			
		QTY.	COST	QTY.	COST	QTY.	COST		
MJU-48/B - LA31	A			7,964	\$3,280	7,882	\$3,280	15,218	\$6,400
TOTALS:				7,964	\$3,280	7,882	\$3,280	15,218	\$6,400

Remarks:

Cost information is in thousands of dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (MJU-48/B - LA31)
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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-48/B - LA31									
FY2005	7,964	\$411.85	AFMC/OO-ALC	SS/FFP	ARMTEC/ CAMDEN, AR	Aug-05	Apr-06		
FY2006	7,882	\$416.13	AFMC/OC-ALC	SS/FFP	ARMTEC/ CAMDEN, AR	Apr-06	Apr-07	Yes	
FY2007(1)	15,218	\$420.54	AFMC/OO-ALC	C/FFP W/OPT	UNKNOWN	Mar-07	Mar-08	Yes	

Remarks:
 Cost information is in actual dollars.

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

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (MJU-50 - LA19)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$6,300	\$6,300	\$18,603	\$19,405	\$43,419	\$41,118	\$44,986
<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 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 FY07 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 2006
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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	FY2005		FY2006		FY2007			
		QTY.	COST	QTY.	COST	QTY.	COST		
MJU-50	A			100,977	\$6,299,955	99,936	\$6,299,965	292,001	\$18,602,975
TOTALS:					\$6,299,955		\$6,299,965		\$18,602,975

Remarks:

Cost information is in actual dollars.

	P-1 ITEM NO 14		PAGE NO: 144	Page 1 of 1
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UNCLASSIFIED

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	DATE: FEBRUARY 2006
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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(1)									
FY2005	100,977	\$62.39	AFMC/OO-ALC	SS/FFP	ALLOY SURFACES/ ASTON, PA	Jun-05	Nov-05		
FY2006	99,936	\$63.04	AFMC/OO-ALC	SS/FFP	ALLOY SURFACES/ ASTON, PA	Apr-06	Mar-07	Yes	
FY2007(1)	292,001	\$63.71	AFMC/OO-ALC	SS/FFP W/OPT	ALLOY SURFACES/ ASTON, PA	Mar-07	Mar-08	Yes	

Remarks:
 Cost information is in actual dollars.

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

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$24,982	\$20,658	\$15,035	\$16,250	\$23,265	\$13,105	\$20,202
<p>Description:</p> <ol style="list-style-type: none"> 1. All listed items on the following P-40A-IL have an FY07 procurement value of less than \$5,000,000 and are Code A. 2. Items requested in FY07 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-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)			
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
ALA-17B FLARE CARTRIDGE (LY12)				6,795	\$3,500
MJU-52 (DWCO)				49,097	\$1,115
MJU-53 (LA21)				13,993	\$800
MJU-62 (LA36)				16,620	\$3,000
SIG KIT PRSNL DISTRESS (L119)				6,479	\$650
SIG IL GRND GRN STR CLS M125A1 (L314)				3,587	\$185
MJU-23 FLARE (L462)				2,186	\$1,230
MJU-51/B (LA20)				4,307	\$765
DISPENSER, FLARE SUU-25 F/A (L127)				79	\$1,790
MARKER LOC MARINE MK25-3 (L554)				10,017	\$2,000
TOTALS:					\$15,035
Remarks: Cost information is in thousands of dollars.					
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (OVERVIEW)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST <small>(in Thousands)</small>		\$28,078	\$43,958	\$56,777	\$54,725	\$53,056	\$54,229	\$55,076

Description:

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. Funding increase in FY07 is due to the continuing production ramp-up of the FMU-152/B Joint Programmable Fuze.

3. Items requested in FY07 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.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE			FY2005		FY2006		FY2007	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
FUZES (OVERVIEW)									
DSU-33C/B PROXIMITY SENSOR (BY30)	A			14,486	\$16,396	5,476	\$6,372	7,341	\$8,262
FMU-152/B JOINT PROGRAMMABLE FUZE	A			4,004	\$11,477	13,471	\$34,993	17,741	\$45,999
ITEMS LESS THAN 5 MILLION DOLLARS	A				\$205		\$2,593		\$2,516
TOTALS:					\$28,078		\$43,958		\$56,777

Remarks:
Cost information is in thousands of dollars.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (DSU-33C/B PROXIMITY SENSOR)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$16,396	\$6,372	\$8,262	\$9,625	\$9,335	\$9,776	\$11,073

Description:

1. The DSU-33C/B is a joint service doppler radar proximity sensor designed to provide airburst capability to warheads using the FMU-139A/B and FMU-152/B fuze. 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-33C/B incorporates several important operational improvements over the DSU-33A/B and DSU-33B/B. These improvements include compatibility with Joint Direct Attack Munition guided weapons, and M117 and MK-80 series general-purpose bombs. The DSU-33C/B also significantly expands the high altitude release capability for bomber attacks. In addition, the DSU-33C/B provides extended operational and service life, increased ruggedness and full compatibility with Navy weapons, and addresses parts obsolescence.

2. Items requested in FY07 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 Air Armament Center, Eglin AFB, Florida.

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UNCLASSIFIED

WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (DSU-33C/B PROXIMITY SENSOR)
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WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
DSU-33C/B	A				14,486	\$1,100	\$15,935	5,476	\$1,000	\$5,476	7,341	\$1,000	\$7,341
PRODUCTION SUPPORT													
ECO/ECP							\$195			\$207			\$232
PROGRAM SUPPORT							\$107			\$253			\$253
CONTRACTOR SUPPORT							\$159			\$436			\$436
TOTALS:							\$16,396			\$6,372			\$8,262

Remarks:
 Total Cost information is in thousands of dollars.

Unit cost information is in actual dollars.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

FUZES (DSU-33C/B PROXIMITY SENSOR)

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-33C/B									
FY2005(1)	14,486	\$1,100	AFMC/AAC	OPT/FFP	ALLIANT/ ROCKET CITY, WV	Sep-05	Oct-06		
FY2006	5,476	\$1,000	AFMC/AAC	C/FFP W/OPT	UNKNOWN	Mar-06	Apr-07	Yes	
FY2007	7,341	\$1,000	AFMC/AAC	OPT/FFP	UNKNOWN	Jan-07	Dec-07	Yes	

Remarks:

Cost information is in actual dollars.

(1) Contract has a FY02 base year with three options.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2006
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FUZES (FMU-152/B JOINT PROGRAMMABLE FUZE)
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		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$11,477	\$34,993	\$45,999	\$44,169	\$43,291	\$44,158	\$43,623

Description:

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. Items requested in FY07 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 Air Armament Center, Eglin AFB, Florida.

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-5)

DATE: FEBRUARY 2006

APPROP CODE/BA:

PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:

FUZES (FMU-152/B JOINT PROGRAMABLE FUZE)

WEAPON SYSTEM COST ELEMENTS	ID CODE				FY2005			FY2006			FY2007		
		QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST	QTY	Unit Cost	TOTAL COST
HARDWARE					4,004		(\$9,553)	13,471		(\$30,185)	17,741		(\$38,981)
FMU-152/B FUZE	A				4,004	\$2,386	\$9,553	13,471	\$2,241	\$30,185	17,741	\$2,197	\$38,981
PRODUCTION SUPPORT													
ECO/ECP							\$345			\$929			\$1,169
TOOLING/TEST EQUIPMENT (1)										\$2,126			\$3,947
PROGRAM SUPPORT							\$1,579			\$1,752			\$1,903
TOTALS:							\$11,477			\$34,993			\$45,999

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.

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)

DATE: FEBRUARY 2006

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									
FY2005	4,004	\$2,386	AFMC/AAC	OPT/FFP	KAMAN/ DAYRON/ ORLANDO, FL	Dec-04	Feb-06		
FY2006	13,471	\$2,241	AFMC/AAC	OPT/FFP	KAMAN/ DAYRON/ ORLANDO, FL	Feb-06	Feb-07	Yes	
FY2007	17,741	\$2,197	AFMC/AAC	OPT/FFP	KAMAN/ DAYRON/ ORLANDO, FL	Dec-06	Dec-07	Yes	

Remarks:

Cost information is in actual dollars.

Contract has an FY98 base year with 9 option years.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FUZES (ITEMS LESS THAN \$5 MILLION)				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$205	\$2,593	\$2,516	\$931	\$430	\$305	\$380
<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 FY07 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 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: FUZES (ITEMS LESS THAN \$5 MILLION)		
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
FMU-143 D-2 (EA32)				534	\$1,390
FMU-139 C/B D-2 (G127)				76	\$300
DSU-33A D-2 PROX INERT (FY88)				173	\$100
FMU-152/B D-2 (EB93)				471	\$726
TOTALS:					\$2,517
<p>Remarks: Cost information is in thousands of dollars.</p>					
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2006		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SMALL ARMS				
		FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011
QUANTITY								
COST (in Thousands)		\$15,332	\$5,961	\$4,964	\$3,455	\$7,244	\$7,393	\$7,548
<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. In FY05, Small Arms received \$4.1M in additional funding under P.L. 109-13, the Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Tsunami Relief Act, 2005.</p> <p>3. Items requested in FY07 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>								
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: SMALL ARMS			
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
9MM COMPACT PISTOL				40	\$30
9MM GENERAL OFFICER PISTOL				173	\$100
M-24 SNIPER RIFLE				17	\$200
M-4 CARBINE				58	\$100
M107 50-CAL RIFLE				7	\$100
M249 MACHINE GUN				104	\$500
M240B MACHINE GUN				32	\$342
M203 GRENADE LAUNCHER				7	\$10
TRIPOD MOUNT				93	\$100
M1 INERT FACSIMILE				352	\$100
M-9 PISTOL				6,889	\$3,272
MODULAR COMBAT SHOTGUN				127	\$100
EOD SOFT MOUNT				9	\$10
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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P-40A-IL)				DATE: FEBRUARY 2006	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: SMALL ARMS		
PROCUREMENT ITEMS	NSN			FY2007	
		QTY.	COST	QTY.	COST
TOTALS:					\$4,964
<p>Remarks: Cost information is in thousands of dollars.</p>					
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