

DEPARTMENT OF THE AIR FORCE

COMMITTEE STAFF PROCUREMENT BACKUP BOOK FY 2001 BUDGET ESTIMATES FEBRUARY 2000



PROCUREMENT OF AMMUNITION

OFFICE OF ORIGIN: DIRECTORATE OF SUPPLY
COMBAT SUPPORT DIVISION
(HQ USAF/ILSR)

DEPARTMENT OF THE AIR FORCE
 PROCUREMENT OF AMMUNITION APPROPRIATION ESTIMATES
 FOR FISCAL YEAR 2001

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PROCUREMENT OF AMMUNITION, AF

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APPROPRIATION LANGUAGE

PROCUREMENT OF AMMUNITION, AIR FORCE

For construction, procurement, production, and modification of ammunition, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities authorized by section 2854 of title 10, United States Code, and the land necessary therefor, for the foregoing purposes, and such lands and interest therein, may be acquired, and construction prosecuted thereon prior of approval to 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; \$638,808,000, to remain available for obligation until September 30, 2003.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE: FEBRUARY 2000
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: ROCKETS (OVERVIEW)
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		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$8,067	\$9,054	\$11,466	\$18,919	\$11,047	\$11,904	\$12,250

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 reuseable pods carried on the aircraft's pylons. The 2.75-inch diameter rocket with folding fins utilizes high explosive, white phosphorus, or target practice warheads, and can be fired from either high or low speed aircraft. Three versions of the 2.75-inch rocket motor are in use: the MK 4, MK 40 and MK 66.

2. FY99 funding was appropriated for the 2.75 Inch Rocket Motor (P-1 line number 2), 2.75 In Rocket, Flare IR (P-1 line number 3) and Items Less Than \$5,000,000, Rockets and Launchers (P-1 line number 4).

3. Items requested in FY01 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 Air Force mission requirements.

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)							DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (OVERVIEW)					
PROCUREMENT ITEMS	ID CODE			FY1999		FY2000		FY2001	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
2.75 INCH ROCKET MOTOR (HA07)				6,776	\$3,371	15,022	\$6,817	16,108	\$7,834
ITEMS LESS THAN \$5 MILLION					\$4,696		\$2,237		\$3,632
Totals:					\$8,067		\$9,054		\$11,466
Remarks:									

	P-1 ITEM NO: 1		PAGE NO: 2		Page 1 of 1
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET MOTOR - HA07)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$3,371	\$6,817	\$7,834	\$17,000	\$9,876	\$10,864	\$10,836
<p>Description:</p> <p>1. The MK 66 MOD 4, 2.75 Inch Rocket Motor is a single stage, solid grained rocket motor used to propel various 2.75 inch warheads to their targets. The MK66 MOD 4 Rocket Motor offers the following technical enhancements over previous versions:</p> <ul style="list-style-type: none"> a. Complete electro-magnetic radiation, electro-static discharge, and electro-magnetic pulse protection on all U.S. aircraft under all operational conditions b. Ignition system interoperability on all U.S. military aircraft c. Reduced propellant grain cracking during ignition d. Reduced ignition delay variability e. Reduced operational safety requirements f. Significantly reduced visible flash on ignition g. Improved grounding circuit <p>2. This item is procured through the Single Manager for Conventional Ammunition.</p>								
			P-1 ITEM NO: 1			PAGE NO: 3	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000				
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET MOTOR - HA07)									
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001			
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	
COMPLETE ROUND	A				6,776	473.32	3,207	15,022	436.05	6,550	16,108	466.12	7,508	
PRODUCTION SUPPORT							{164}			{267}			{326}	
PRODUCTION ENGINEERING							94			166			177	
PRODUCTION MANAGEMENT SUPPORT							70			101			149	
TOTALS:							3,371			6,817			7,834	
REMARKS:														
		P-1 ITEM NO: 1						PAGE NO: 4						Page 1 of 1

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (2.75 INCH ROCKET MOTOR - HA07)						
ITEM / 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	
COMPLETE ROUND										
FY99	6,776	497.49	AFMC/OO-ALC	C/FFP	GDOS - BURLINGTON, VT (2)	JUN 99	JUL 00			
FY00	15,022	453.80	AFMC/OO-ALC	OPT/FFP	GDOS - BURLINGTON, VT (2)	APR 00	OCT 01	Y		
FY01	16,108	486.34	AFMC/OO-ALC	OPT/FFP	GDOS - BURLINGTON, VT (2)	APR 01	OCT 02	Y		
REMARKS: (1) The PCO location is the Army Industrial Operations Command (IOC) Single Manager for Conventional Ammunition (SMCA). (2) GDOS - General Dynamics Ordnance Systems; Burlington, Vermont										
		P-1 ITEM NO: 1		PAGE NO: 5		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$4,696	\$2,237	\$3,632	\$1,919	\$1,171	\$1,040	\$1,414
Description: All items have an annual procurement value of less than \$5,000,000 and are Code A. Items requested in FY01 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 Air Force mission requirements.								
		P-1 ITEM NO: 1				PAGE NO: 6	Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: ROCKETS (ITEMS LESS THAN \$5 MILLION)		
PROCUREMENT ITEMS	NSN			FY2001	
		QTY.	COST	QTY.	COST
2.75 INCH FLARE, IR (HA06)				821	\$1,236
2.75 INCH SIGNATURE WARHEAD (H872)				26,481	\$2,396
TOTALS:					\$3,632
		P-1 ITEM NO: 1			PAGE NO: 7
				Page 1 of 1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$45,030	\$69,061	\$70,090	\$123,673	\$83,946	\$77,949	\$79,286
<p>Description:</p> <p>The items within this category include cartridges and airborne counter measures used to support training qualification and war reserve stocks requirements. This funding also procures Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD) items, such as gas generators, initiators, shield mild detonation cord, rocket motors, rocket catapults, etc., used on aircraft fire suppression, emergency release and aircrew escape systems. FY99 funding was appropriated in 5.56 MM ammunition (P-1 line number 6), 30 MM Training ammunition (P-1 line number 7), Cartridge Chaff RR-180 (P-1 line number 8), Cartridge Chaff RR-188 (P-1 line number 9), Signal MK-4 MOD 3 (P-1 line number 10), Items Less Than \$5,000,000 (Cartridges) (P-1 line number 11), and CAD/PAD (P-1 line number 29). Items requested in FY01 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 Air Force mission requirements.</p>								
P-1 ITEM NO: 5			PAGE NO: 8			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2000
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: CARTRIDGES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE			FY1999		FY2000		FY2001	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
20MM TP PGU-27A/B (AA24)	A					930,322	\$8,795	1,460,631	\$14,000
30MM PGU-15/B (B116)	A			772,236	\$5,446	1,608,125	\$16,005	1,597,962	\$16,250
BBU-48/B IMPULSE CARTRIDGE (SY17) (1)	A			844,296	\$6,383	610,766	\$5,331		
CAD/PAD	A				\$14,162		\$13,271		\$13,243
ITEMS LESS THAN \$5 MILLION CARTRIDGES	A				\$19,039		\$25,659		\$26,597
Totals:					\$45,030		\$69,061		\$70,090

Remarks:

(1) FY01 funding is included in Items Less Than \$5 Million.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (20 MM TP PGU-27A/B, AA24)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$0	\$8,795	\$14,000	\$45,000	\$14,880	\$10,000	\$10,182
<p>Description:</p> <p>1. The 20 MM target practice (TP) round is used for air-to-air and air-to-ground training in the M61 aircraft cannon on the 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 (HEI) combat round and ensure training is consistent with combat operations. Items requested in FY01 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 Air Force mission requirements.</p> <p>2. Beginning in FY00, the new PGU-27A/B (DODIC AA24) will be procured, which will replace the PGU-27/B. Since aircraft software has been modified to effectively use the newer ammo (PGU-27), the older M50 series rounds will continue to be consumed until exhausted.</p> <p>3. This item is procured through the Single Manager for Conventional Ammunition.</p>								
			P-1 ITEM NO: 5			PAGE NO: 10	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: CARTRIDGES (20 MM TP PGU-27A/B, AA24)								
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE										{8,733}			{13,908}
LOAD, ASSEMBLE,PACK	A						930,322	9.30	8,656	1,460,631	9.44	13,786	
BOX, METAL M548 (1)							3,815	20.30	77	5,989	20.30	122	
PRODUCTION SUPPORT										{139}			{214}
QUALITY ASSURANCE										11			11
INTERIM TRANSPORTATION										1			1
INDUSTRIAL STOCK SUPPORT										127			202
NONRECURRING													
GOVERNMENT FURNISHED MATERIAL										-77			-122
TOTALS:										8,795			14,000
REMARKS: (1) Government furnished equipment													
		P-1 ITEM NO: 5						PAGE NO: 11			Page 1 of 1		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (20 MM TP PGU-27A/B, AA24)						
ITEM / 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	
LOAD, ASSEMBLE, PACK										
FY00	930	9.45	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 00	MAR 01	Y		
FY01	1,460	9.58	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	MAR 02	Y		
REMARKS: Quantity is in thousands of rounds.										
		P-1 ITEM NO: 5		PAGE NO: 12		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B, B116)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$5,446	\$16,005	\$16,250	\$20,000	\$19,957	\$17,171	\$18,181
Description: <p>1. The 30MM target practice (TP) cartridge is a solid, inert projectile used to train aircrews 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. Items requested in FY01 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 Air Force mission requirements.</p> <p>2. This item is procured through the Single Manager for Conventional Ammunition.</p>								
		P-1 ITEM NO: 5				PAGE NO: 13	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT							P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B, B116)						
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE							{5,313}			{15,736}			{15,987}
LOAD, ASSEMBLE, PACK	A				772,236	6.68	5,160	1,608,125	9.24	14,860	1,597,962	9.37	15104
CONTAINER CNU-332E					1,391	110.19	153	2,895	96.22	279	2,877	97.61	281
TUBE AND STRAP ASSEMBLY								2,895	206.25	597	2,877	209.23	602
PRODUCTION SUPPORT							{133}			{269}			{263}
QUALITY ASSURANCE							5			5			4
ACCEPTANCE TESTING							20			20			20
INTERIM TRANSPORTATION							2			16			9
INDUSTRIAL STOCK SUPPORT							106			228			230
TOTALS:							5,446			16,005			16,250
REMARKS:													
		P-1 ITEM NO: 5				PAGE NO: 14					Page 1 of 1		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (30 MM TP PGU-15/B, B116)						
ITEM / 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	
LOAD, ASSEMBLE, PACK										
FY99	772	7.05	AFMC/OO-ALC	C/FP	ALLIANT TECH SYS, INC	AUG 99	MAY 00			
FY00	1,608	9.95	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 00	MAR 01	Y		
FY01	1,598	10.16	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	MAR 02	Y		
REMARKS: Quantity is in thousands of rounds.										
		P-1 ITEM NO: 5		PAGE NO: 15		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (CAD/PAD)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$14,162	\$13,271	\$13,243	\$13,998	\$14,291	\$14,960	\$15,079
Description: <p>1. Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD) support aircraft fire suppression, emergency release and aircrew escape systems. CAD/PAD items include gas generators, initiators, shield mild detonating cord (SMDC), rocket motors, and rocket catapults. These explosive devices have finite shelf lives and must be replaced during scheduled maintenance. Replacement assets must be available to meet change out requirements to prelude impacting aircraft operational availability and unit mission readiness. Life support devices such as the sea water activated release system and parachute release cartridges are essential to aircrew survival after ejection from aircraft.</p> <p>2. Items requested in FY01 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 components needed to support Air Force mission requirements.</p>								
		P-1 ITEM NO: 5			PAGE NO: 16			Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$19,039	\$25,659	\$26,597	\$39,715	\$34,818	\$35,818	\$35,844
Description: <p>The items less than \$5 million category include various cartridges used to support air and ground training qualification and war reserve stocks requirements. All items have an annual procurement value of less than \$5,000,000 and are Code A. Items requested in FY01 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 Air Force mission requirements.</p>								
			P-1 ITEM NO: 5			PAGE NO: 18	Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)		
PROCUREMENT ITEMS	NSN			FY2001	
		QTY.	COST	QTY.	COST
5.56MM BALL (A071)				15,916,349	\$4,316
5.56MM BALL CLIPPED (A059)				4,860,357	\$1,037
5.56MM SAW (A062)				3,447,574	\$1,088
5.56MM SAW (A063)				3,764,065	\$1,447
5.56MM SAW (A064)				2,411,530	\$808
5.56MM SAW (A075)				317,885	\$120
5.56MM SAW (A080)				13,237,526	\$1,400
20 MM PGU-30A/B (AA28)				21,416	\$330
MK-4 MOD 3 SIGNAL (F562)				303,500	\$928
.50 CAL BALL LINK (A555)				210,815	\$426
.50 CAL BALL TRACER (A557)				497,493	\$1,033
9MM BALL (A363)				13,087,738	\$1,558
12 GAUGE BUCKSHOT (A011)				158,042	\$90
12 GAUGE DUMMY (AD12)				15,375	\$10
40MM (B519)				349,151	\$1,347
RR-180 CHAFF CARTRIDGE (SY-16)				322,580	\$2,000
BBU-48/B IMPULSE CART (SY-17)				112,613	\$1,000
RR-188 CHAFF CARTRIDGE (LY98)				1,441,320	\$4,281
BBU-35 IMPULSE CARTRIDGE (MG62)				495,000	\$1,000
		P-1 ITEM NO: 5	PAGE NO: 19		Page 1 of 2

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2000
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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			FY2001	
		QTY.	COST	QTY.	COST
BBU-36 IMPULSE CARTRIDGE (MG11)				95,040	\$250
BBU-46 IMPULSE CARTRIDGE (MT40)				15,456	\$1,192
ARD CCU-44 IMPULSE CARTRIDGE (MD66)				4060	\$70
BBU-63 IMPULSE CARTRIDGE (SS44)				160	\$41
MK2 MOD 0 IMPULSE CARTRIDGE (M190)				419	\$52
MK23 MOD 0 IMPULSE CARTRIDGE (M161)				144	\$13
CCU-41 IMPULSE CARTRIDGE (MF60)				17,880	\$100
ARD 446-1 IMPULSE CARTRIDGE (M187)				144,800	\$610
XM1006 40MM NL (BA06)				571	\$12
XM95 5.56 NL (GG06)				633	\$38
TOTALS:					\$26,597

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (OVERVIEW)					
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	
QUANTITY									
COST (in Thousands)		\$37,589	\$24,814	\$32,731	\$64,366	\$35,446	\$31,383	\$31,921	
<p>Description:</p> <p>1. FY99 funding was appropriated in MK-82 Inert/BDU-50 (P-1 Line number 14), Bomb Practice 25 Pound (P-1 Line number 18) and MK-84 Bomb-Empty (P-1 Line number 20).</p> <p>2. 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. Changing bomber roles, increased reliance on the Joint Direct Attack Munition (JDAM), utilization of a new B-52 rotary launcher and the need to replenish BDU-50's substituted for training shortages of BDU-56's have all contributed to greater requirements for these training munitions.</p> <p>3. Items requested in FY01 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 Air Force mission requirements.</p>									
		P-1 ITEM NO: 12				PAGE NO: 21			Page 1 of 1

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (OVERVIEW)						
PROCUREMENT ITEMS	ID CODE			FY1999		FY2000		FY2001		
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	
MK82 INERT/BDU-50 (F013)	A			30,974	\$23,219	22,116	\$17,120	36,356	\$27,522	
BDU-33 25LB PRACTICE BOMB (E969)	A			271,164	\$3,812	335,849	\$4,547	311,608	\$5,209	
MK84 EMPTY / BDU-56 (E756)	A			3,291	\$8,078		\$3,147			
ITEMS LESS THAN \$5M					\$2,480					
Totals:					\$37,589		\$24,814		\$32,731	
Remarks:										
				P-1 ITEM NO: 12				PAGE NO: 22	Page 1 of 1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$23,219	\$17,120	\$27,522	\$47,000	\$22,000	\$18,233	\$18,771
<p>Description:</p> <p>1. The MK-82 inert/BDU-50 is a non-explosive training shape, less the explosive filler, used to provide combat air forces with aircrew weapons delivery training. It is filled with a combination of concrete, vermiculite and sand. Items requested in FY01 are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support Air Force mission requirements.</p> <p>2. This item is procured by the Single Manager for Conventional Ammunition.</p>								
P-1 ITEM NO: 12				PAGE NO: 23		Page 1 of 1		

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)							DATE: FEBRUARY 2000						
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT							P-1 NOMENCLATURE: PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013)						
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE	A				30,974	744.79	{22,423}	22,116	767.32	{16,434}	36,356	753.61	{26,747}
LOAD, ASSEMBLE AND PACK (LAP)					30,974	57.47	1,780	22,116	70.34	1,556	36,356	87.82	3,193
BOMB BODY BDU-50A/B					31,904	610.20	19,468	22,780	616.32	14,040	37,447	593.63	22,230
SUSP LUG MS3314					65,046	15.44	1,004	46,444	15.41	716	76,348	14.68	1,121
PALLET INSPECTION, MHU 149/E					5,266	32.40	171	3,760	32.34	122	6,181	32.80	203
PRODUCTION SUPPORT							{646}			{536}			{652}
QUALITY ASSURANCE							4			4			5
INTERIM TRANSPORTATION							271			286			245
INDUSTRIAL STOCK SUPPORT							371			246			402
NAVY ENGINEERING SUPPORT							150			150			123
TOTALS:							23,219			17,120			27,522
REMARKS:													
		P-1 ITEM NO: 12						PAGE NO: 24			Page 1 of 1		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (MK-82 INERT/BDU-50 - F013)						
ITEM / 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										
FY99	30,974	744.79	AFMC/OO-ALC	SS/FP	MCAAP (1)	MAY 99	MAR 01			
FY00	22,116	767.32	AFMC/OO-ALC	SS/FP	MCAAP (1)	FEB 00	JAN 02	Y		
FY01	36,356	753.61	AFMC/OO-ALC	SS/FP	MCAAP (1)	JAN 01	JAN 03	Y		
<p>REMARKS:</p> <p>(1) McAlester Army Ammunition Plant (MCAAP), McAlester, OK</p> <p>(2) Award dates are for Load, Assemble and Pack (LAP) (MCAAP). Contractor method and type for the bomb body is C/FP. Bomb body contractor is unknown due to a new production method called Cast Ductile Iron (CDI).</p>										
		P-1 ITEM NO: 12		PAGE NO: 25		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-33/25 LB PRACTICE BOMB - E969)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$3,812	\$4,547	\$5,209	\$17,366	\$10,946	\$9,400	\$9,400
<p>Description:</p> <p>1. The BDU-33 practice bomb provides the combat air forces with an inert munition to facilitate aircrew weapons delivery training. The BDU-33 weighs 25 pounds, has a teardrop shaped metal body with a tube cavity lengthwise through the center, a conical after body, and a cruciform type fin in the aft end of the bomb body. A firing pin, inertia tube, and striker plate are separate components of the bomb. A receptacle is located forward of the center of gravity to install a single suspension lug if required. A hole is provided in each side of the body for hanging the bomb in SUU-20 or SUU-21 dispensers. Items requested in FY01 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>2. This item is procured by the Single Manager for Conventional Ammunition.</p>								
			P-1 ITEM NO: 12			PAGE NO: 26	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-33/25 LB PRACTICE BOMB - E969)								
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE/BDU-33D/B	A				271,164	13.76	3,731	335,849	13.33	4,477	311,608	16.46	5,130
PRODUCTION SUPPORT							{81}			{70}			{79}
QUALITY ASSURANCE							5			5			5
INDUSTRIAL STOCK SUPPORT							76			65			74
TOTALS:							3,812			4,547			5,209
REMARKS:													
		P-1 ITEM NO: 12						PAGE NO: 27			Page 1 of 1		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: PRACTICE BOMBS (BDU-33/25 LB PRACTICE BOMB - E969)						
ITEM / 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/BDU-33D/B										
FY99	271164	14.06	AFMC/OO-ALC	C/FP	DELFASCO; GREENVILLE, TENN	JUN 99	OCT 99			
FY00	335849	13.54	AFMC/OO-ALC	OPT/FP	DELFASCO; GREENVILLE, TENN	MAR 00	JUN 00	Y		
FY01	311608	16.72	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	MAY 02	Y		
REMARKS:										
		P-1 ITEM NO: 12				PAGE NO: 28				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (OVERVIEW)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$43,094	\$117,667	\$30,745	\$90,190	\$42,432	\$33,415	\$25,166
<p>Description:</p> <ol style="list-style-type: none"> 1. Funds for General Purpose Bombs in FY00 were added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund. 2. FY99 funding was appropriated for GBU-28 Hard Target Penetrator (P-1 line number 15), GBU-15 (P-1 line number 17) and 2000 LB High Explosive Bomb MK-84 (P-1 line number 19). 3. The General Purpose (GP) Bombs category includes all high explosive air delivered bombs and associated fuzes, 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. Items requested in FY01 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 Air Force mission requirements. 4. The FY00 cost includes the Joint Programmable Fuze (JPF). JPF is an independent P-1 line item beginning in FY01 (P-1 line number 35). 								
			P-1 ITEM NO: 13			PAGE NO: 29	Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)							DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (OVERVIEW)					
PROCUREMENT ITEMS	ID CODE			FY1999		FY2000		FY2001	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
MK-83 1000 LB GP BOMB (E509)	A							2,675	\$8,096
MK-84 2000 LB GP BOMB (F275)	A			2,366	\$7,253	1,378	\$4,614	1,654	\$6,039
BLU-109 2000 LB HARD TARGET GP BOMB (F140)	A							654	\$8,100
EGBU-28 (OY01)	A			173	\$23,756				
EGBU-15	A			100	\$7,000	1,500	\$53,499		
JOINT PROGRAMMABLE FUZE	A					628	\$1,997		
BSU-33 TAIL FIN, MK-82 (F782)	A					46,042	\$3,861	59,029	\$5,200
DSU-33 PROXIMITY SENSOR (BY30)	A					4,153	\$5,398		
GBU-12 PAVEWAY II KITS	A					2,245	\$38,614		
ITEMS LESS THAN \$5 MILLION GP BOMBS					\$5,085		\$9,684		\$3,310
Totals:					\$43,094		\$117,667		\$30,745
Remarks:									
		P-1 ITEM NO: 13				PAGE NO: 30		Page 1 of 1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-83 1000 LB GP BOMB)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$0	\$0	\$8,096	\$16,179	\$18,893	\$12,915	\$10,000
Description: <p>1. The MK-83 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 MK-83 can be fuzed with proximity, instantaneous, or delay fuzes to provide a wide variety of military effects. Air Force procurement of MK-83 warheads beginning in FY01 will be in support of the Joint Direct Attack Munition (JDAM) program. Items requested in FY01 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 Air Force mission requirements.</p> <p>2. This item is procured through the Single Manager for Conventional Ammunition.</p>								
		P-1 ITEM NO: 13			PAGE NO: 31			Page 1 of 1

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)												DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT						P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-83 1000 LB GP BOMB)								
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001			
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	
HARDWARE														{7,753}
LOAD ASSEMBLE & PACK	A										2,675	1,254.80	3,357	
BOMB BODY MK-83 (E509)											2,756	1,459.21	4,022	
CABLE ASSEMBLY (1)											2,756	51.19	141	
SUSPENSION LUG MS3314											5,618	14.72	83	
PALLET MK11-0 (1)											910	114.81	104	
PALLET INSPECTION											910	50.45	46	
PRODUCTION SUPPORT														{247}
QUALITY ASSURANCE														10
INTERIM TRANSPORTATION														77
INDUSTRIAL STOCK SUPPORT														160
NAVY ENGINEERING SUPPORT														96
TOTALS:														8,096
REMARKS: (1) Hardware cost includes credit for Government Furnished Material.														
		P-1 ITEM NO: 13						PAGE NO: 32			Page 1 of 1			

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$7,253	\$4,614	\$6,039	\$18,111	\$10,500	\$10,500	\$7,000
<p>Description:</p> <ol style="list-style-type: none"> 1. FY00 funding for the MK-84 was obtained through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund. 2. The MK-84 is a 2,000-pound class General Purpose Bomb. It has a relatively thin bomb case that is streamlined to reduce aerodynamic drag. The bomb produces blast and fragmentation effects and can be used as either an unguided high or low drag weapon. When used with a guidance kit, it can be employed as a Precision Guided Bomb. The warhead is used on the Paveway II, Paveway III, GBU-15 and Joint Direct Attack Munition (JDAM) weapon systems. The MK-84 can also be fuzed with proximity, instantaneous, or delay fuze to provide a variety of military effects. Items requested in FY01 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 Air Force mission requirements. 3. This item is procured through the Single Manager for Conventional Ammunition. 								
P-1 ITEM NO: 13			PAGE NO: 34			Page 1 of 1		

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)							DATE: FEBRUARY 2000						
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT							P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB)						
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE							{6,933}			{4,279}			{5,552}
LOAD ASSEMBLE & PACK	A				2,366	781.81	1,850	1,378	954.78	1,316	1,654	1,104.99	1,828
BOMB BODY MK-84					2,437	2,003.78	4,883	1,419	2,001.81	2,841	1,704	2,082.19	3,548
LUG SUSPENSION MK3 (1)					4,969	26.32	131	2,838	28.68	81	3,474	36.71	128
PALLET INSPECTION					1,216	57.11	69	720	57.00	41	836	57.83	48
ALUMINUM POWDER (1)													139
PRODUCTION SUPPORT							{238}			{185}			{198}
QUALITY ASSURANCE							0			3			5
INTERIM TRANSPORTATION							100			91			67
INDUSTRIAL STOCK SUPPORT							138			91			126
NAVY ENGINEERING SUPPORT							82			150			150
TOTALS:							7,253			4,614			6,039
REMARKS: (1) Hardware cost includes credit for Government Furnished Material.													
		P-1 ITEM NO: 13						PAGE NO: 35			Page 1 of 1		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (MK-84 2000 LB GP BOMB)						
ITEM / 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	
LOAD ASSEMBLE & PACK										
FY99	2,366	3,030.85	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JUN 99	JUL 01			
FY00	1,378	3,239.48	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	FEB 00	SEP 02	Y		
FY01	1,654	3,560.46	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JAN 01	SEP 02	Y		
REMARKS:										
		P-1 ITEM NO: 13		PAGE NO: 36		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET GP BOMB)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$0	\$0	\$8,100	\$16,279	\$10,000	\$9,000	\$7,416
<p>Description:</p> <p>1. The BLU-109/B warhead is a 2000 pound Hard Target Penetrator bomb filled with 553 pounds of tritonal. The warhead is used on the Paveway II, Paveway III, GBU-15 and Joint Direct Attack Munition (JDAM) weapon systems. The BLU-109/B is designed for employment against hardened and deeply buried targets. Items requested in FY01 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 Air Force mission requirements.</p> <p>2. This item is procured through the Single Manager for Conventional Ammunition.</p>								
			P-1 ITEM NO: 13			PAGE NO: 37	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000					
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET GP BOMB)										
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001				
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST		
HARDWARE														{7,836}	
LOAD ASSEMBLE & PACK	A											654	2,027.25	1,326	
BLU-109 EMPTY BOMB CASES												664	9,440.27	6,268	
CNU 417 CONTAINER												331	730.48	242	
ALUMINUM POWDER (LB)												71,940	1	72	
PRODUCTION SUPPORT														{192}	
QUALITY ASSURANCE														0	
INTERIM TRANSPORTATION														70	
INDUSTRIAL STOCK SUPPORT														122	
TOTALS:														8,100	
REMARKS:															
		P-1 ITEM NO: 13						PAGE NO: 38							Page 1 of 1

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2000
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET GP BOMB)
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ITEM / 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
LOAD ASSEMBLE & PACK									
FY01	654	12,385	AFMC/OO-ALC	SS/FP	MCALESTER ARMY AMMUNITION PLANT, OKLAHOMA CITY, OK	JAN 01	SEP 02	Y	

REMARKS:

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BSU-33 TAIL FIN, MK-82)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$0	\$3,861	\$5,200	\$1,500	\$1,250	\$1,000	\$750
Description: <p>1. Funding for the BSU-33 Tail Fin Assembly in FY00 was added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund.</p> <p>2. The BSU-33 Tail Fin Assembly consists of an elongated cone and four streamlined blades. The fin stabilizes the bomb during release and free flight from aircraft to target. The BSU-33 is attached to the bomb warhead (MK-82 500lb General Purpose) with a metal band that is tightened with a clamp. Items requested in FY01 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 Air Force mission requirements.</p> <p>3. This item is procured through the Single Manager for Conventional Ammunition.</p>								
			P-1 ITEM NO: 13			PAGE NO: 40	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BSU-33 TAIL FIN, MK-82)								
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE										{3,861}			{5,054}
LOAD, ASSEMBLE & PACK	A							46,042	81.20	3,739	59,029	82.59	4,875
PALLET MK3-0								1,534	79.50	122	2,006	89.42	179
PRODUCTION SUPPORT										{58}			{82}
QUALITY ASSURANCE													5
INTERIM TRANSPORTATION										2			2
INDUSTRIAL STOCK SUPPORT										56			75
NONRECURRING										{-122}			
GOVERNMENT FURNISHED MATERIAL										-122			
NAVY ENGINEERING SUPPORT										64			64
TOTALS:										3,861			5,200
REMARKS:													
		P-1 ITEM NO: 13						PAGE NO: 41			Page 1 of 1		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (BSU-33 TAIL FIN, MK-82)						
ITEM / 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	
LOAD, ASSEMBLE & PACK										
FY00	46,042	82.47	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 00	MAR 01	Y		
FY01	59,029	87.01	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	MAR 02	Y		
REMARKS:										
				P-1 ITEM NO: 13				PAGE NO: 42		
								Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$5,085	\$9,684	\$3,310	\$10,000	\$1,789	\$0	\$0
<p>Description:</p> <p>1. All items have an annual procurement value of less than \$5,000,000 and are code A. Items requested in FY01 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 Air Force mission requirements.</p> <p>2. Funding for Items Less Than \$5,000,000 GP Bombs in FY00 was added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund.</p>								
P-1 ITEM NO: 13			PAGE NO: 43			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)		
PROCUREMENT ITEMS	NSN			FY2001	
		QTY.	COST	QTY.	COST
MXU-650 PAVEWAY FIN ASSEMBLY (F763)				371	\$2,000
BLU-109(D-1)/B INERT (F034)				34	\$495
FMU-143B (D-2)/B FUZE INERT (EA32)				32	\$35
FZU-39 (D-2)/B PROXIMITY SENSOR INERT (CY13)				176	\$250
CBU-87(D-2)/B BOMB DISPENSER INERT (E851)				42	\$500
UNIVERSAL FIN WING ACTUATOR TOOL				15	\$30
TOTALS:					\$3,310
		P-1 ITEM NO: 13			PAGE NO: 44
					Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CAWCF CLOSURE COSTS				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$0	\$0	\$1,400	\$6,300	\$0	\$0	\$0
<p>Description:</p> <p>1. The Conventional Ammunition Working Capital Fund (CAWCF) was established in FY82 to meet the operational needs of the Services to procure munitions. The CAWCF provided a single organization through which orders from the Services could be consolidated. This arrangement provided economies of scale, lower prices, and efficiencies for management of ammunition procurement.</p> <p>2. In recent years, the level of orders declined significantly. At the same time, the CAWCF financial system needed upgrading to more accurately track consolidated orders. The new proposed system would be costly and was ultimately determined unnecessary to meet the requirements of managing ammunition procurement. In Nov 96, the Department of Defense decided to close the CAWCF at the end of FY98. Under new operating guidelines, the Services continue to procure applicable assets through the Army's Single Manager for Conventional Ammunition (Industrial Operations Command). The Services jointly developed a plan for closing the CAWCF and transitioning to the new financing structure. All existing orders accepted by the CAWCF prior to 1 Oct 98, will continue to be processed through the CAWCF until completed. Additional resources are required from all Services to close out the CAWCF and to cover the projected losses. Each Service's share of these losses is based upon historical order volume. The Air Force share is \$7.7 million (FY01 and FY02).</p>								
			P-1 ITEM NO: 14			PAGE NO: 45	Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: CAWCF CLOSURE COSTS						
PROCUREMENT ITEMS	ID CODE			FY1999		FY2000		FY2001		
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST	
CAWCF CLOSEOUT (1)									\$1,400	
Totals:									\$1,400	
<p>Remarks:</p> <p>1. Conventional Ammunition Working Capital Fund (CAWCF)</p>										
			P-1 ITEM NO: 14					PAGE NO: 46		Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SENSOR FUZED WEAPON				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY		386	214	300	300	300	300	300
COST (in Thousands)		\$117,955	\$85,385	\$107,201	\$103,874	\$98,965	\$97,402	\$98,189
<p>Description:</p> <ol style="list-style-type: none"> 1. The Sensor Fuzed Weapon (SFW) is a cluster munition designed for use against land combat vehicles. 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 parachute retarded 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 through a small infrared sensor contained in the warhead, firing a self-forging projectile into the target. This munition provides multiple kills per pass capability. 2. The RDT&E effort is funded in program element 27320F and scheduled to complete in FY 2000. 3. The Defense Acquisition Board approved low rate initial production in March 1992 and directed four years of low rate production. Full Rate Production (FRP) was approved at milestone III via an acquisition decision memorandum dated 14 June 1996. The first FRP contract was awarded 17 June 1996; FRP 2 was awarded in February 1997; FRP 3 was awarded in February 1998; FRP 4 was awarded in February 1999; and FRP 5 is scheduled for award in Feb 2000. 4. The approved revised acquisition strategy procures baseline SFW units through FY 2000 and SFW pre-planned product improvement (P3I) units from FY01 to completion. 								
P-1 ITEM NO: 22			PAGE NO: 47			Page 1 of 2		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)			DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: SENSOR FUZED WEAPON		
Description (cont.): 5. Three hundred units were bought in FY99, with the other 86 to be combined with the FY00 buy to contribute to the contractor's minimum sustainment rate of 300. Funding (\$18.0 million) for the minimum sustainment rate for Sensor Fuzed Weapon was added by Congress in the FY00 markup of the FY00 Air Force budget. Reference Appropriation Conference Committee Report 106-371, October 8, 1999, page 196.				
	P-1 ITEM NO: 22		PAGE NO: 48	Page 2 of 2

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT							P-1 NOMENCLATURE: SENSOR FUZED WEAPON						
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE							{107,354}			{76,559}			{98,432}
CBU-97/B	A				386	267,948	103,428	214	349,813	74,860	300	306,460	91,938
ENGINEERING CHANGE ORDERS							3,807			1,699			4,013
GOVERNMENT FURNISHED EQUIPMENT							119						2,481
NONRECURRING/ANCILLARY EQUIPMENT							{6,895}			{5,629}			{5,664}
TOOLING AND TEST EQUIPMENT							6,895			5,629			5,664
PRODUCTION AND SUPPORT COST							{3,706}			{3,197}			{3,105}
TEST SUPPORT (LOT ACCEPTANCE TEST/QUAL)							1,032			773			785
PROGRAM MANAGEMENT ADMINISTRATION							2,646			2,392			2,285
DATA							28			32			35
TOTALS:							117,955			85,385			107,201
REMARKS: NOTE: To contribute to the contractor's minimum sustainment rate, 300 units were procured in FY99 and the remaining 86 units will be included in the FY00 buy for a total of 300 units. Increase in unit cost in FY00 is a result of quantity dropping below the minimum sustainment rate.													
		P-1 ITEM NO: 22						PAGE NO: 49			Page 1 of 1		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SENSOR FUZED WEAPON						
ITEM / 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										
FY99	386	305,583	AFMC/AAC	SS/FPIF (1)	TEXTRON SYS/WILMINGTON, MA	FEB 99	JUN 00			
FY00	214	398,995	AFMC/AAC	SS/FPIF (1)	TEXTRON SYS/WILMINGTON, MA	FEB 00	OCT 01	Y		
FY01	300	357,337	AFMC/AAC	SS/FPIF (1)	TEXTRON SYS/WILMINGTON, MA	FEB 01	JUN 02	Y		
REMARKS: (1) The LRIP/FRP contracts are FPIF which will encourage lower cost and aggressive cost monitoring.										
		P-1 ITEM NO: 22		PAGE NO: 50		Page 1 of 1				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY		3,778	8158	9098	8494	8620	8800	8,718
COST (in Thousands)		\$79,548	\$189,700	\$219,848	\$186,194	\$186,391	\$191,092	\$191,001
Description: Place Holder - Use Expanded P40 Version MS-Word Document								
		P-1 ITEM NO: 23			PAGE NO: 51			Page 1 of 1

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)												DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT						P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION							
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
FLYAWAY COST													
JDAM HARDWARE-RECURRING						{73,258}			{175,245}				{203,014}
AIRFRAME (1 & 2)	A				3,778	19,202	72,545	8,158	20,756	169,327	9,098	21,490	195,516
ENGINEERING CHANGE ORDERS								8,158	544	4,438	9,098	618	5,623
NONRECURRING													
CONTRACTOR INCENTIVE							713			1480			1,875
SUPPORT COST							{6,290}			{14,455}			{16,834}
TEST EQUIPMENT							877			886			1920
AIRBORNE TEST EQUIPMENT										3,976			4130
DATA							7			8			10
PROGRAM MANAGEMENT/ ADMIN							1625			2,348			2850
SYSTEMS TEST & EVAL										3,496			4119
TRAINING							260			131			
PRODUCTION TECHNICAL SUPPORT							65			3,560			3755
ALTERNATE DISPUTE RESOLUTION							42			50			50
DELIVERY ACCELERATION							3414						
TOTALS:							79,548			189,700			219,848
REMARKS:													
		P-1 ITEM NO: 23						PAGE NO: 52			Page 1 of 2		

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)												DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT						P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION								
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001			
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	
		P-1 ITEM NO: 23				PAGE NO: 53						Page 2 of 2		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)	DATE: FEBRUARY 2000
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: JOINT DIRECT ATTACK MUNITION
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ITEM / 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
AIRFRAME (1&2)									
FY99 (1)	1782	19202	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	APR 99	JAN 00		
FY99 (2)	1308	19069	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	JUN 99	SEP 00		
FY99 (3)	688	19676	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	NOV 99	FEB 01		
FY00	8158	20756	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	JAN 00	JUN 01		
FY01	9098	21490	AFMC/AAC	SS/FFP	BOEING/ST CHARLES, MO	JAN 01	JUN 02		

REMARKS:
 (1) Original FY99 Planned Procurement
 (2) Funding provided by Congress in FY99 Appropriation Conference Report 106-143, Emergency Supplemental Appropriations Bill
 (3) Combined Funding Procurement (Includes Emergency Supplemental and FY99 Funding)
 NOTE: Specifications have been waived due to JDAM'S status as an Acquisition Reform pilot program.

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PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P- 21) **DATE: FEBRUARY 2000**

APPROP CODE/BA:
PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:
JOINT DIRECT ATTACK MUNITION

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	2002		CALENDAR 2003												CALENDAR 2004												Later
					FY2003												FY2004														
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
AIRFRAME (1&2)																															
FY99 BOEING	AF	1782	1782	0																											
FY99 BOEING	AF	1308	1308	0																											
FY98/99 (1) BOEING	AF	861	861	0																											
FY00 BOEING	AF	8158	8158	0																											
FY01 BOEING	AF	9098	3175	5923	902	862	836	902	902	506	506	507																			
FY02 BOEING	AF	8494	0	8494									391	782	782	391	782	742	714	782	782	782	782								
FY03 BOEING	AF	8620	0	8620																			452	307	559	628	6674				
FY04 BOEING	AF	8800	0	8800																							8800				
FY05 BOEING	AF	8718	0	8718																							8718				
TOTALS		55839	15284	40555	902	862	836	902	902	506	506	507	391	782	782	391	782	742	714	782	782	782	782	782	452	307	559	628	24192		

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	2004		CALENDAR 2005												CALENDAR 2006												Later
					FY2005												FY2006														
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
AIRFRAME (1&2)																															
FY99 BOEING	AF	1782	1782	0																											
FY99 BOEING	AF	1308	1308	0																											
FY98/99 (1) BOEING	AF	861	861	0																											
FY00 BOEING	AF	8158	8158	0																											
FY01 BOEING	AF	9098	9098	0																											
FY02 BOEING	AF	8494	8494	0																											
FY03 BOEING	AF	8620	1946	6674	628	590	847	922	922	922	922	921																			
FY04 BOEING	AF	8800	0	8800									962	962	496	0	0	676	894	962	962	962	962	962							
FY05 BOEING	AF	8718	0	8718																				702	702	702	702	5910			
TOTALS		55839	31647	24192	628	590	847	922	922	922	922	921	962	962	496	0	0	676	894	962	962	962	962	962	702	702	702	702	5910		

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME					
	MIN SUST	1-8-5	MAX	ADMIN LEAD TIME		MANUFACT.	TOTAL		
BOEING, ST CHARLES, MO	283	1083	1400	PRIOR TO 1 OCT		AFTER 1 OCT	PLT	1 OCT	
				INITIAL		UNK	9	17	26
				REORDER		UNK	9	17	26

REMARKS:
 (1) 173 units were procured with FY98 funding and will be delivered in Feb 01.
 NOTE: The above Production Schedule reflects AF deliveries only and does not include additional production quantities programmed for the US Navy.

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PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P- 21) **DATE: FEBRUARY 2000**

APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT **P-1 NOMENCLATURE:** JOINT DIRECT ATTACK MUNITION

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	2006		CALENDAR 2007												CALENDAR 2008												Later
					FY2007												FY2008														
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
AIRFRAME (1&2)																															
FY99 BOEING	AF	1782	1782	0																											
FY99 BOEING	AF	1308	1308	0																											
FY98/99 (1) BOEING	AF	861	861	0																											
FY00 BOEING	AF	8158	8158	0																											
FY01 BOEING	AF	9098	9098	0																											
FY02 BOEING	AF	8494	8494	0																											
FY03 BOEING	AF	8620	8620	0																											
FY04 BOEING	AF	8800	8800	0																											
FY05 BOEING	AF	8718	2808	5910	702	862	894	958	958	512	512	512																			
TOTALS		55839	49929	5910	702	862	894	958	958	512	512	512																			

ITEM/MANUFACTURER/ PROCUREMENT YEAR	SERV.	PROC. QTY.	ACCEP. PRIOR TO 1 OCT.	BAL DUE AS OF 1 OCT.	2008		CALENDAR 2009												CALENDAR 2010												Later
					FY2009												FY2010														
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
AIRFRAME (1&2)																															
FY99 BOEING	AF	1782	1782	0																											
FY99 BOEING	AF	1308	1308	0																											
FY98/99 (1) BOEING	AF	861	861	0																											
FY00 BOEING	AF	8158	8158	0																											
FY01 BOEING	AF	9098	9098	0																											
FY02 BOEING	AF	8494	8494	0																											
FY03 BOEING	AF	8620	8620	0																											
FY04 BOEING	AF	8800	8800	0																											
FY05 BOEING	AF	8718	8718	0																											
TOTALS		55839	5910	0																											

MANUFACTURER'S NAME AND LOCATION	PRODUCTION RATES			PROCUREMENT LEAD TIME			
	MIN SUST	1-8-5	MAX	ADMIN LEAD TIME		MANUFACT.	TOTAL
				PRIOR TO 1 OCT	AFTER 1 OCT	PLT	1 OCT
BOEING, ST CHARLES, MO	283	1083	1400				
				INITIAL	UNK	9	17
				REORDER	UNK	9	17

REMARKS:
 (1) 173 units were procured with FY98 funding and will be delivered in Feb 01.
 NOTE: The above Production Schedule reflects AF deliveries only and does not include additional production quantities programmed for the US Navy.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY		676	2,990	6,308	6,838	7,830	7,785	6,849
COST (in Thousands)		\$14,943	\$48,624	\$104,046	\$111,264	\$80,785	\$80,508	\$72,421
Description: <p>1. The Wind Corrected Munitions Dispenser (WCMD) guidance kit will provide inertial navigation to correct for launch transients and ballistic errors caused by wind when these munitions are released from medium to high altitudes. The WCMD kit fitted weapons will improve effectiveness of both bombers and fighters and significantly contribute to Air Force war fighting capabilities in two nearly simultaneous Major Theater Wars (MTW). The pilot production Engineering and Manufacturing Development (EMD) contract awarded to Lockheed-Martin includes options for two Low Rate Initial Production (LRIP) and a production price commitment agreement for full rate production. The first LRIP option was exercised in August 1998. The second LRIP option was exercised in July 1999. An LRIP III buy is planned for March 2000.</p> <p>2. Seek Eagle funds are included in FY98 (\$4.012) and FY04 (\$.134), for a total buy of 282 units. The ongoing RDT&E effort is funded under PE 64600F, which develops an inertial guidance tail kit for the CBU-87, CBU-89, and the CBU-97 dispenser.</p> <p>3. Note: Expendable test units not included in above quantities: 20 in FY99, 25 in FY00, and 21 in each year from FY01-FY05.</p>								
			P-1 ITEM NO: 24			PAGE NO: 58	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT							P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER						
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE							(9,179)			(42,105)			(88,665)
WCMD KITS	A				676	13,306	8,995	2,990	13,956	41,729	6,308	13,900	87,682
ECO							184			376			983
PRODUCTION SUPPORT							(5,764)			(6,411)			(14,722)
DATA							4			3			3
SYSTEM TEST							882			1,625			2,742
PROGRAM MANAGEMENT ADMINISTRATION							928			2,560			4,448
OTHER COSTS (1)							3,950			2,223			7,529
NONRECURRING HARDWARE							0			108			659
TOTALS:							14,943			48,624			104,046
REMARKS: (1) Common munitions bit reprogrammable equipment (CMBRE), load trainers, Air Force Mission Support System (AFMSS) field installation.													
		P-1 ITEM NO: 24						PAGE NO: 59			Page 1 of 1		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: WIND CORRECTED MUNITIONS DISPENSER						
ITEM / 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	
WCMD KITS										
FY99 (1)	676	22,105	AFMC/AAC	OPT/FFP	LOCKHEED-MARTIN/ORLANDO, FL	JUL 99	JUL 00			
FY00 (2)	2,990	16,262	AFMC/AAC	OPT/FFP	LOCKHEED-MARTIN/ORLANDO, FL	MAR 00	JAN 01	Y		
FY01 (2)	6,308	16,494	AFMC/AAC	OPT/FFP	LOCKHEED-MARTIN/ORLANDO, FL	JAN 01	DEC 01	Y		
<p>REMARKS:</p> <p>(1) FY99 option is to the Engineering and Manufacturing Development contract.</p> <p>(2) The government and Lockheed-Martin have a price commitment agreement as long as the government stays within the quantity band and maintains a total buy of 40,000 units.</p>										
		P-1 ITEM NO: 24				PAGE NO: 60		Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SPARES AND REPAIR PARTS				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$1,967	\$2,292	\$2,431	\$2,200	\$2,471	\$2,445	\$2,494
<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 FY01 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 Air Force mission requirements.</p>								
P-1 ITEM NO: 32			PAGE NO: 61			Page 1 of 1		

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

DATE: FEBRUARY 2000

APPROP CODE/BA:
PAAF/MUNITIONS & RELATED EQUIPMENT

P-1 NOMENCLATURE:
SPARES AND REPAIR PARTS

PROCUREMENT ITEMS	ID CODE			FY1999		FY2000		FY2001	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
INITIAL SPARES					\$0		\${141}		\${141}
MISC. LOW COST INITIAL SPARES (P-1 LINE # N/A)	A				\$0		\$141		\$141
REPLENISHMENT SPARES					\${1,967}		\${2,151}		\${2,290}
GBU-15 (P-1 LINE # 13 & 17)	A				\$703		\$665		\$637
OTHER MISCELLANEOUS ITEMS (P-1 LINE # 33)	A				\$97		\$234		\$204
GBU-24/27 (P-1 LINE # N/A)					\$268		\$107		\$247
BOMBS (P-1 LINE # 12 & 13)	A				\$899		\$694		\$702
TTU-373A DIGITAL TEST SET (P-1 LINE # 33)	A				\$0		\$451		\$500
Totals:					\$1,967		\$2,292		\$2,431

Remarks:

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: MODIFICATIONS LESS THAN \$5 MILLION				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$49	\$620	\$196	\$210	\$203	\$195	\$215
<p>Description:</p> <p>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. This budget line encompasses both new and on-going modification efforts for guided bomb and munitions systems. The FY01 funding request reflects estimated costs based on historical funding requirements.</p>								
			P-1 ITEM NO: 33			PAGE NO: 63	Page 1 of 1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000, OTHER ITEMS				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$8,771	\$6,528	\$7,806	\$8,160	\$8,326	\$7,644	\$7,786
<p>Description:</p> <p>This category includes various munitions items to support Air Base Defense, Air Rescue, Explosive Ordnance Disposal (EOD), and aircrew/ground training. All items have an annual procurement value of less than \$5 million and are code A. Items requested in FY01 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 Air Force mission requirements.</p>								
			P-1 ITEM NO: 34			PAGE NO: 64	Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT		P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000, OTHER ITEMS			
PROCUREMENT ITEMS	NSN			FY2001	
		QTY.	COST	QTY.	COST
CHARGE, DEMO M112 (M023)				159,850	\$2,345
DYNAMITE, AMMONIA (MN32)				398	\$1
WATER GEL EXPLOSIVE (MY77)				714	\$1
ANDROS ROBOT				5	\$625
MK 1 WRENCH, EOD				12	\$84
DETA SHEET EXPLOSIVE (M980)				68	\$25
DISRUPTOR, LIGHT WEIGHT (YY32)				2,315	\$180
MAIN CHARGE DISRUPTOR (YY33)				663	\$70
SHOCK TUBE (YY34)				850	\$44
SQUIB (YY35)				6,504	\$24
RELOADER, SMOKELESS POWDER (ZY10)				227	\$4
BLAST MACHINE				200	\$81
DETONATION CORD (MU41)				46,154	\$12
NUCLEAR TRAINER				21	\$2,700
CODE MANAGEMENT SYSTEM				7	\$231
MUNITIONS ASSEMBLY CONVEYOR				1	\$72
AN/GJM-65 TEST SET (GBU-15)				1	\$957
TTU-373 DIGITAL TEST SET				1	\$350
TOTALS:					\$7,806
		P-1 ITEM NO: 34	PAGE NO: 65		Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (OVERVIEW)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$37,445	\$26,635	\$37,432	\$55,040	\$46,372	\$51,915	\$53,018
<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. FY 99 funding was included in ASTE (P-1 Line number 26), Flare, IR MJU-7B (P-1 Line number 27), MJU-10B (P-1 Line number 28), M-206 Cartridge Flare (P-1 Line number 29), and LUU-19 Flare (P-1 Line number 31). 3. Items requested in FY01 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 Air Force Mission requirements. 								
			P-1 ITEM NO: 35			PAGE NO: 66	Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A)	DATE: FEBRUARY 2000
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: FLARES (OVERVIEW)
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PROCUREMENT ITEMS	ID CODE			FY1999		FY2000		FY2001	
		QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
M206 CARTRIDGE FLARE (L410) (1)	A			899,005	\$11,340	410,633	\$5,015		
LUU-2B FLARE (L440)	A			524	\$312	3,755	\$2,240	18,347	\$10,966
MJU-10/B FLARE (L461) (1)	A			199,877	\$10,291	134,228	\$6,241		
MJU-7B IR FLARE (L463) (1)	A			256,742	\$6,666	123,829	\$2,500		
LUU-19 FLARE (LA05)	A			3,050	\$4,301	856	\$1,194	5,496	\$7,642
ITEMS LESS THAN \$5 MILLION					\$4,535		\$9,445		\$18,824
Totals:					\$37,445		\$26,635		\$37,432

Remarks:
(1) FY01 funding is included in Items Less Than \$5 Million.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (LUU-2B FLARE - L440)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$312	\$2,240	\$10,966	\$10,000	\$5,000	\$6,000	\$6,000
<p>Description:</p> <ol style="list-style-type: none"> 1. The LUU-2B aircraft parachute flare provides illumination for reconnaissance, bombardment, emergency night landings and search and rescue. High-speed aircraft launch flares through use of an SUU-25 flare dispenser. These flares may also be launched from a C-130 aircraft LAU-74 cargo door launcher, hand launched, or launched from an aircraft utilizing static line ignition. Flares float to ground via an 18-foot diameter cruciform parachute, may be set to activate at altitudes from 500 to 11,000 feet, and free fall prior to activation. The flare candle burns for approximately 4.5 minutes at an illumination level of 2 million candlepower. 2. This item is procured through the Single Manager for Conventional Ammunition (SMCA). 3. These items are representative of items to be procured. Items actually procured during execution may change based on the most critical munitions needed to support Air Force mission requirements. 								
			P-1 ITEM NO: 35			PAGE NO: 68	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT					P-1 NOMENCLATURE: FLARES (LUU-2B FLARE - L440)								
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
LUU-2B							{303}			{2,197}			{10,805}
LOAD, ASSEMBLE AND PACK (LAP)	A				524	579.10	303	3,755	584.99	2,197	18,347	588.91	10,805
PRODUCTION SUPPORT							{9}			{43}			{161}
QUALITY ASSURANCE							2			11			5
INTERIM TRANSPORTATION							0			0			0
INDUSTRIAL STOCK SUPPORT							7			32			156
TOTALS:							312			2,240			10,966
REMARKS:													
		P-1 ITEM NO: 35						PAGE NO: 69			Page 1 of 1		

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (LUU-2B FLARE - L440)						
ITEM / 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	
LOAD, ASSEMBLE AND PACK (LAP)										
FY99	524	595.42	AFMC/OO-ALC	C/FP	UNKNOWN	FEB 00	JUN 01	Y		
FY00	3,755	596.54	AFMC/OO-ALC	C/FP	UNKNOWN	AUG 00	DEC 01	Y		
FY01	18,347	597.70	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	JUL 02	Y		
REMARKS:										
		P-1 ITEM NO: 35			PAGE NO: 70			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA05)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$4,301	\$1,194	\$7,642	\$16,000	\$8,000	\$5,000	\$1,000
<p>Description:</p> <p>1. The LUU-19 aircraft parachute flare is an aircraft launched illuminating device used for reconnaissance, bombardment, emergency night landings or search and rescue. These flares are classified according to use, illumination, and burn time. High speed aircraft launch flares through use of an SUU-25 flare dispenser. These flares may also be launched from C-130 aircraft using an LAU-74 cargo door launcher, hand launched or launched from aircraft utilizing static line ignition. Flares float to ground via an 18-foot diameter cruciform parachute, may be set to activate from 500 to 11,000 feet, and free fall prior to activation. The flare candle burns for approximately 300 seconds at an illumination level of 100-watts per steradian in the near infrared spectrum. Items requested in FY01 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 Air Force mission requirements.</p> <p>2. This item is centrally procured by the Air Force.</p>								
			P-1 ITEM NO: 35			PAGE NO: 71	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)												DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT						P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA05)									
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001				
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST		
HARDWARE															
LUU-19/B FLARE	A				3,050	1,409.77	4,301	856	1,394.85	1,194	5,496	1,390.46	7,642		
TOTALS:							4,301			1,194			7,642		
REMARKS:															
				P-1 ITEM NO: 35						PAGE NO: 72		Page 1 of 1			

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (LUU-19 FLARE - LA05)						
ITEM / FISCAL YEAR	QTY.	UNIT COST	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL	
LUU-19/B FLARE										
FY99	3,050	1,409.77	AFMC/OO-ALC	C/FP	THIOKOL CORP; BRIGHAM CITY, UT	AUG 99	APR 00			
FY00	856	1,394.85	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 00	NOV 00	Y		
FY01	5,496	1,390.46	AFMC/OO-ALC	C/FP	UNKNOWN	MAR 01	NOV 01	Y		
REMARKS: Thiokol currently holds the proprietary data on the LUU-19/B.										
		P-1 ITEM NO: 35				PAGE NO: 73				Page 1 of 1

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$4,535	\$9,445	\$18,824	\$14,162	\$13,240	\$17,096	\$17,504
<p>Description:</p> <p>All listed items on the following P-40A have an annual procurement value of less than \$5,000,000 and are Code A, except the F-22 (PE - 27219) and ASTE (PE - 64270) programs which are in the research and development phase and are Code B. Items requested in FY01 are identified on the following P40A and are representative of items to be procured. Items procured during execution may change based on the most critical munitions/equipment needed to support air force mission requirements. This category includes funding for the M-206 cartridge flare, MJU-10/B flare, MJU-7B infrared countermeasures flare, MJU-23 infrared countermeasures flare, LUU-1 aircraft parachute flare, Advanced Strategic and Tactical Expendable (ASTE) flare, SUU-25 flare dispenser adapter kit, and F-22 countermeasure flare.</p>								
P-1 ITEM NO: 35			PAGE NO: 74			Page 1 of 1		

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)				DATE: FEBRUARY 2000	
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT			P-1 NOMENCLATURE: FLARES (ITEMS LESS THAN \$5 MILLION)		
PROCUREMENT ITEMS	NSN			FY2001	
		QTY.	COST	QTY.	COST
M206 CARTRIDGE FLARE (L410)				205,114	\$2,845
MJU-10/B FLARE (L461)				50,363	\$3,700
MJU-7B IR FLARE (L463)				83,124	\$1,833
MJU-23 FLARE (L462)				5,100	\$2,500
LUU-1 (L660)				341	\$347
ASTE FLARE					\$4,828
SUU-25 FLARE DISPENSOR ADAPTOR KIT (LY15)				8,489	\$50
F-22 FLARES					\$2,721
TOTALS:					\$18,824
		P-1 ITEM NO: 35			PAGE NO: 75
				Page 1 of 1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: JOINT PROGRAMMABLE FUZE				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY		4,373	628	3,271	3,963	14,278	13,128	11,898
COST (in Thousands)		\$11,486	\$1,997	\$9,342	\$10,643	\$29,405	\$26,621	\$25,312
<p>Description:</p> <p>1. FY00 funding for the Joint Programmable Fuze (JPF) is included in P-1 Line 13, General Purpose Bombs in Future Years Defense Plan documentation.</p> <p>2. The FMU-152/B JPF is a Joint AF/Navy multi-function unitary fuze being developed and procured for the Joint Direct Attack Munition (JDAM) and other conventional inventory weapons. The FMU-152/B will provide 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 provides backward compatibility for MK-80 series guided and unguided bombs. It will replace or supplement different inventory fuzes such as the FMU-139, FMU-143, FMU-124, and M904/M905, and provide the next generation of fuzing capability for hard target, general purpose and guided bombs.</p>								
			P-1 ITEM NO: 36			PAGE NO: 76	Page 1 of 1	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P- 5)										DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT							P-1 NOMENCLATURE: JOINT PROGRAMMABLE FUZE						
WEAPON SYSTEM COST ELEMENTS	IDENT CODE				FY1999			FY2000			FY2001		
		QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST
HARDWARE							{9,201}			{1,550}			{7,710}
FMU-152/B FUZE	A				4,373	2,104.02	9,201	628	2,468.18	1,550	3,271	2,357.01	7,710
PRODUCTION SUPPORT							{2,197}			{321}			{1,344}
ECO/ECP							501			88			401
SYSTEM ENGINEERING/PROGRAM MANAGEMENT							290			49			223
DATA							6			7			6
CONTRACTOR SUPPORT							800			177			714
FIRST ARTICLE ACCEPTANCE TEST							600			0			0
NONRECURRING							0			{111}			{200}
TOOLING/TEST EQUIPMENT							0			0			100
LIFE CYCLE TEST SET							0			111			100
GOV'T FURNISHED MATERIAL - CONTAINERS							88			15			88
TOTALS:							11,486			1,997			9,342
REMARKS:													
		P-1 ITEM NO: 36				PAGE NO: 77				Page 1 of 1			

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BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P- 5A)							DATE: FEBRUARY 2000			
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: JOINT PROGRAMMABLE FUZE						
ITEM / 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	
FMU-152/B FUZE										
FY99	4,373	2,626.57	AFMC/ASC	OPT/FFP	DAYRON/ORLANDO, FL	JUN 99	JUN 00			
FY00	628	3,179.94	AFMC/ASC	OPT/FFP	DAYRON/ORLANDO, FL	JUN 00	JUN 01	Y		
FY01	3,271	2,856.01	AFMC/ASC	OPT/FFP	DAYRON/ORLANDO, FL	JUN 01	JUN 02	Y		
REMARKS: 1. Unit cost reflects hardware price only. 2. The basic contract was awarded to Dayron, Orlando, FL on 19 Jun 98 for first article acceptance test and low rate initial production (LRIP). The contract includes firm fixed price options for FY99-03 and additional options for FY04-07 under a production price commitment curve.										
		P-1 ITEM NO: 36				PAGE NO: 78		Page 1 of 1		

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE: FEBRUARY 2000		
APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT				P-1 NOMENCLATURE: SMALL ARMS				
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$5,481	\$3,422	\$4,074	\$10	\$10	\$10	\$10
<p>Description:</p> <p>1. FY99 funding was appropriated in M-16 A2 Rifle (P-1 line number 38), 9MM Compact Pistol (P-1 line number 39), M-9 Pistol (P-1 line number 40), and Items Less Than \$5M, Small Arms (P-1 line number 41). This small arms line encompasses small-caliber hand-fired weaponry (pistols or rifles) used to support air base ground defense, aircrew protection, Office of Special Investigation operations, security functions, and other activities requiring small portable firearms.</p> <p>2. The items less than \$5 million category consists of various items used for air base defense and ground crew training, including the modification kits and accessories needed to improve or maintain existing weapons. Items requested in FY01 are identified on the accompanying P-40As and are representative of items to be procured. Items actually 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: 37			PAGE NO: 79	Page 1 of 1	

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BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	DATE: FEBRUARY 2000
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APPROP CODE/BA: PAAF/MUNITIONS & RELATED EQUIPMENT	P-1 NOMENCLATURE: SMALL ARMS
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PROCUREMENT ITEMS	NSN			FY2001	
		QTY.	COST	QTY.	COST
MOUNT, TRIPOD				1	\$1
SIGHT, TELESCOPIC				9	\$2
NIGHT VISION SIGHTS				10	\$61
M4 CARBINES CORE EQUIPMENT				17	\$10
M-16A2 RIFLE CONVERSION KIT				15,303	\$4,000
TOTALS:					\$4,074

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