DEPARTMENT OF THE AIR FORCE



PROCUREMENT PROGRAM

FISCAL YEARS 2000/2001 BUDGET ESTIMATES

PROCUREMENT OF AMMUNITION

FEBRUARY 1999

DEPARTMENT OF THE AIR FORCE PROCUREMENT OF AMMUNITION APPROPRIATION ESTIMATES FOR FISCAL YEARS 00/01

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IDENTIFICATION CODES

Code "A" - Line items of material which have been approved for Air Force service use, i.e., line items which have been classified as standard or alternate.

Code "B" - :Line items of material that have not been approved for Service use as defined in Code "A".

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

```
C/FP - Competitive/Fixed Price
```

C/FFP - Competitive/Firm Fixed Price

C/FPIS - Competitive Fixed Price Incentive with Successive Targets

CM-5 - Competitive Multi-year - 5 years

CPAF - Cost Plus Award Fee

CPFF - Cost Plus Fixed Fee

CPIF - Cost Plus Incentive Fee

FFP - Firm Fixed Price

FFP W/OPT - Fixed Price with Options

FP - Fixed Price

FPAF - Fixed Price Award Fee

FPE - Fixed Price with Escalation

FPIF - Fixed Price Incentive Fee

FPIS - Fixed Price Incentive With Successive Targets

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 SptWG - 11th Support Wing, Washington, DC

ACC - Air Combat Command, Langley AFB, VA

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

AFMC/ESC-38ELW/CSPO - AF Materiel Cmd/Elec Sys Ctr - 38 Engineering & Installation Wing/Comm Sys Pgm Office, Tinker AFB, OK

AFMETCAL - Air Force Metrology and Calibration Office, Health, Ohio

AFMLO - Air Force Medical Logistics Office, Ft Detrick, MD

AFSPC - Air Force Space Command, Peterson AFB, CO

AFWA - Air Force Weather Agency, Offutt AFB, NE

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

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

HQ ANG - Headquarters, Air National Guard, Washington, DC

HSC - Human Services Center, Brooks AFB, TX

OC-ALC - Oklahoma City Air Logistics Center, Tinker AFB, OK

OO-ALC - Ogden Air Logistics Center, Hill AFB, UT

SA-ALC - San Antonio Air Logistics Center, Kelly AFB, TX

SM-ALC - Sacramento Air Logistics Center, McClellan AFB, CA

SMC - Space & Missile Systems Center, Los Angeles AFB, CA

SSG - Standard Systems Group, Maxwell AFB-Gunter Annex, AL

USSTRATCOM - 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

USAFE - United States Air Force Europe, Ramstein AB, GE

USAFA - United States Air Force Academy, Colorado Springs, CO

Bases/Organizations

11 SptWG - 11th Support Wing

AAC – Air Armament Center

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 Investigations

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

APPROPRIATION LANGUAGE

PROCUREMENT OF AMMUNITION, AIR FORCE

For construction, procurement, 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, 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 to 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; \$419,537,000, to remain available for obligation until September 30, 2002.

DEPARTMENT OF THE AIR FORCE

FY 2000/2001 PROCUREMENT PROGRAM

SUMMARY (\$ IN MILLIONS)

20 JAN 1999

APPROPRIATION: PROCUREMENT OF AMMUNITION, AIR FORCE				
ACTIVITY	FY 1998	FY 1999	FY 2000	FY 2001
01. PROCUREMENT OF AMMO, AIR FORCE	364.3	372.9	416.1	643.0
02. WEAPONS	7.7	5.5	3.4	5.3
TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE	372.0	378.4	419.5	648.3

DEPARTMENT OF THE AIR FORCE FY 2000/2001 PROCUREMENT PROGRAM

9

APPROPRIATION: 3011F PROCUREMENT OF AMMUNITION	, AIR FORCE	DATE: 20 JAN 1999
--	-------------	-------------------

					MILLIONS	OF DOLLARS		_
LIN NO		IDENT CODE		1998 COST	FY 1999 QUANTITY COST	FY 2000 QUANTITY COST	FY 2001 QUANTITY COST	S E C
BUD	GET ACTIVITY 01: PROCUREMENT OF AMMO,	AIR F	ORCE					-
RO	CKETS							
1	ROCKETS	A				9.8	10.0	บ
2	2.75 INCH ROCKET MOTOR	A		8.2	3.4			U
3	2.75" ROCKET HEAD SIGNATURE	A		. 6				U
4	2.75 IN ROCKET, FLARE IR	Α			2.7			U
5	ITEMS LESS THAN \$5,000,000	Α		.1	2.0			U
CA	RTRIDGES							
6	CARTRIDGES	A				70.7	78.7	υ
7	5.56 MM	Α		7.6	5.4			U
8	30 MM TRAINING	Α		24.4	5.5			U
9	CARTRIDGE CHAFF RR-180	A		12.1	11.6			U
10	CARTRIDGE CHAFF RR-188	A			2.5			U
11	SIGNAL MK-4 MOD 3	Α		1.1	. 8			U
12	ITEMS LESS THAN \$5,000,000	Α		4.1	5.5			U
BOI	MBS							
13	PRACTICE BOMBS	Α			2.5	24.3	20.8	U
14	GENERAL PURPOSE BOMBS	Α				40.6	51.1	U
15	MK-82 INERT/BDU-50	Α		19.0	22.5			U
16	GBU-28 HARD TARGET PENETRATOR	Α		12.5	24.2			U
17	GBU - 37	Α			1.9			U
18	BOMB PRACTICE 25 POUND	A		5.6	3.8			U

viii PAGE F-10

EXHIBIT P-1

DEPARTMENT OF THE AIR FORCE FY 2000/2001 PROCUREMENT PROGRAM

APPROPRIATION: 3011F PROCUREMENT OF AMMUNITION, AIR FORCE

DATE: 20 JAN 1999

EXHIBIT P-1

						N	ILLIONS	OF DOLLAR	S			
NO		ITEM NOMENCLATURE	IDENT CODE		1998 COST	FY QUANTITY	1999 COST		2000 COST		2001 COST	S E C
19	2000	LB HE BOMB MK-84	A				9.4					- U
20	MK-84	BOMB-EMPTY	A		2.5		7.1					บ
21	SENSO	R FUZED WEAPON	A	550	148.6	397	125.1	203	61.3	300	101.5	_
22	JOINT	DIRECT ATTACK MUNITION	Α	1655	39.2	1782	46.0	5410	125.6	10404	240.8	
23	WIND (CORRECTED MUNITIONS DISPENSER	A	280	11.8	676	13.8	2922	48.9	6224	99.2	
24	ITEMS	LESS THAN \$5,000,000	A		. 2		1.2		10.7	0224	33.2	υ
FLA	ARE, II	R MJU-7B										U
25	ASTE	(INFRARED EXPENDABLE)	A				4.9					U
26	OTHER	MISCELLANEOUS ITEMS	A						5.6		3.7	_
27	FLARE	IR MJU-7B	A		13.7		8.9		3.0		3.7	U
28	MJU-10	DB	Α		10.6		10.3					U
29	M-206	CARTRIDGE FLARE	Α		16.5		11.4					U
30	CAD/PA	AD	A		12.7		14.2					U
31	LUU-19	FLARE	A				4.3					U
32	INITIA	AL SPARES	Α		.9		1.9		2.3		2.3	_
33	MODIF	CATIONS LESS THAN \$5,000,000	Α		2.0		*		.7		.7	_
34	ITEMS	LESS THAN \$5,000,000	А		4.7		8.5				• ,	บ
FUZ	ES											U
35	FLARES	3	Α						26.3		34.2	Τī
36	JOINT	PROGRAMMABLE FUSE(JPF)	В		5.7		11.6				24.2	บ
TOTA	L PROC	CUREMENT OF AMMO, AIR FORCE			364.3		372.9		416.1		643.0	Ü

DEPARTMENT OF THE AIR FORCE FY 2000/2001 PROCUREMENT PROGRAM

APPROPRIATION: 3011F PROCUREMENT OF AMMUNITION, AIR FORCE

DATE: 20 JAN 1999

EXHIBIT P-1

					ı	MILLIONS	OF DOLLARS	3			
LINE NO	ITEM NOMENCLATURE	IDENT CODE	FY QUANTITY	1998 COST	FY QUANTITY	1999 COST		2000 COST	FY QUANTITY	2001 COST	S E C
BUDGET A	CTIVITY 02: WEAPONS										-
SMALL A	RMS										
37 SMAL	L ARMS	A						3.4		5.3	**
38 M-16	A2 RIFLE	A		6.0		4.4		3.1		5.3	
39 9MM	COMPACT PISTOL	А		.2		.2					U
40 M-9	PISTOL	А		.8		.8					U
41 ITEM	S LESS THAN \$5,000,000	А		.7		.1					U
TOTAL WE	APONS			7.7		5.5					U
TOTAL PRO	OCUREMENT OF AMMUNITION, A					J.J		3.4		5.3	
	SCOREMENT OF AMMUNITION, A	AIR FORCE		372.0		378.4		419.5		648.3	

		BUDGET	ITEM JUSTIFI	CATION	"}			DATE			
			EXHIBIT P-40)					DATE FEBRUARY 1999			
APPROPRIATIO	N/BUDGET ACTIV		LAMBIT F-40)		DAIT	EM NOMENIOLAT		FEBRUART 1999			
	NS AND RELATED				ROCK	EM NOMENCLAT	URE				
	FY 1998	FY 1999	FY 2000	FY 200		FY 2002	FV 0000		T		
			112000	11200	''	F1 2002	FY 2003	FY 2004	FY 2005		
QUANTITY							<u>.</u>				
COST (In Millions)	\$8.793	\$8.113	\$9.806	\$10.04	4	\$10.713	\$11,171	\$12.040	C 40.444		
REMARKS					<u></u>		Ψ11,171	\$12.040	\$12.414		
BEGINNING IN F	BEGINNING IN FY00 THIS P-1 INCLUDES ITEMS PREVIOUSLY FUNDED IN P-1 LINES: 1, 2, 3, 4, AND 5.										
1. IN THE AIR FORCE, THE 2.75 INCH ROCKET IS USED PRIMARILY TO MARK TARGET LOCATIONS FOR OTHER AIRCRAFT AND IS USED DURING TRAINING											
1. IN THE AIR FO	ORCE, THE 2.75 IN	CH ROCKET IS USE	D PRIMARILY TO	MARK TARG	SET LOC	CATIONS FOR OTH	HER AIRCRAFT A	AND IS USED DURING	TRAINING		
71110 117111. 1100	ハー・ク イハー にんりりんし	JED EKOM KEUSAI	SLE POUS CARRI	~13 CINL AID?C3:	マルトコ ひっ	VI (1) NIC N N ID N D IT =	たいに ひいはんんいく モ	ADOET 144 51411			
51 1 STATE OF THE	IN COMMINGE MING	NAC 1. HTE 2.73 HW	, O I JIAIVIE LER RUK		- ()!)	1.5 PIVIO 10 LIGED W	/ITH HIGH EVEL	OON /F 14/1 UTS 51/000			
	OL WINILADO. I	TIE INCONE LO CAN	I DE EIRELLERUM	HIGH OR LO	ハハ ベロニ	LI AIDMOACT TI		OF THE 6 == 11.51.			
ENHANCEMENT:	JOE. IT IE WIT 4, WIT	40 AND MK 66. IN	FY99 AND OUTYE	EARS, THE M	1K66 MC	DD 4 RKT MOTOR	OFFERS THE FO	OF THE 2.75 INCH R DLLOWING TECHNICA	\L		
EI II II II I OEMEIT I	J.										
A. COMPLETE	ELECTRO-MAGNE	TIC RADIATION FI	ECTRO-STATIC D	NCCHARCE	AND EI	ECTRO MAGNET	10 DI II OF DE SE	ECTION ON ALL US A			
UNDER ALL OPE	RATIONAL CONDI	TIONS	LUINO-STATIC L	JISCHARGE,	AND EL	ECTRO-MAGNET	IC PULSE PROTI	ECTION ON ALL US A	IRCRAFT		
B. IGNITION S'	STEM INTEROPE	RABILITY ON ALL U	IS MILITARY AIRC	RAFT							
C. REDUCES F	PROPELLANT GRA	IN CRACKING DURI	ING IGNITION.	100					ĺ		
D. REDUCES I	GNITION DELAY VA	ARIABILITY BY 75%	, I.								
E. REDUCES C	PERATIONAL SAF	ETY REQUIREMEN	ITS.								
F. SIGNIFICAN	TLY REDUCES VIS	IBLE FLASH ON IG	NITION.								
2 ITEMO IN THE	. 500 THAN 65										
WEATHER DATA	LESS THAN \$5 MIL	LION CATEGORY (CAN INCLUDE RO	CKETS, ROC	KET LA	UNCHERS, METER	OROLOGICAL RO	OCKETS FOR GATHE	RING		
TENTILL DATA	, AND VANIOUS INC	JUNE I AND LAUNU	HER COMPONEN	TS, WITH AN	I ANNU	AL PROCUREMEN	T VALUE LESS 1	JCKETS FOR GATHE THAN \$5 MILLION. TH	IE ITEMS		
DODGETED FOR	FY00/01 ARE IDE	NTIFIED ON THE AT	TACHED P-5.								
3 THESE ITEMS	VDE DDOCHBED L	OV THE CIMOLE MA	MACED FOR COM								
o: THEOL HEMO	ANLTROCONEDE	BY THE SINGLE MA	NAGER FOR CON	VENTIONAL.	AMMU	NITION.					
	P-1 SHOPP PAGE NO.										
			ST ITEM NO.	MUE NU.	1						
		-10	JI II LIVI IVO.	Λ							

	*		AMMU	NITION CC	ST ANAL	YSIS	(DOLLARS II	V THOUSAN	DS)	-			
APPROPRIATION AND P-1 LIN									DATE:		·		
PAAF/MUNITIONS AND RELATE	ED EQUI			ROCKETS						FEBRUARY 1	999		
ELEMENT OF COST	IDENT	FY98	QTY;		FY99	QTY:		FY00	QTY:		FY 01	QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
1. 2.75 IN ROCKET MOTOR	Α												
(HA07)			l						i i				
HARDWARE	1								ļ				
LOAD, ASSEMBLE, AND PACK (LAP)	1 1	21930	\$114.18	\$2,504									
MK90 PROPELLANT GRAIN	1 1	23473	\$194.38	\$4,563					1 1				
COMPLETE ROUND	1 1				9279	\$319,38	\$2,964	20591	\$ 340.57	\$7,013	21013	\$346.61	€7.00 ′
MOD 4	1 1					\$15,43	\$143	20001	\$0 (0.0)	Ψr,013	21013	\$340,61	\$7,283
						4 15.1 6	V 140		1				
SUBTOTAL			\$308.56	\$7,067		\$334.81	\$3,107		\$340.57	\$7,013		\$346.61	\$7,283
DRODUCTION CURROR*									1			,	.,250
PRODUCTION SUPPORT PRODUCTION ENGINEERING													
				\$702		\$22.87	\$212		\$19.57	\$403		\$19.64	\$413
QUALITY ASSURANCE				\$18]]				
ACCEPTANCE TESTING	1 1			\$81					1 1				
INTERIM TRANSPORTATION	i I			\$51									
INDUSTRIAL STOCK SUPPORT			İ	\$271					ļ ļ				
PM SUPPORT				\$0		\$7.62	\$71		\$6.52	\$134		\$6.55	\$138
SUBTOTAL]		٠,	\$1,123		\$30.49	\$283		\$26.09	\$537		f20.40	
	100		5	***		4 00.10	\$200		\$20.09	\$55 <i>1</i>		\$26.19	\$551
TOTAL 2.75 IN ROCKET MOTOR		21930	\$373.33	\$8,190	9279	\$365.30	\$3,390	20591	\$366.66	\$7,550	21013	\$ 372.80	\$ 7,834
]		ľ				, ,			\$1,000	21013	\$372.00	\$1,034
TEMO LEGO TUAN AS MULION										1			
2. ITEMS LESS THAN \$5 MILLION	1 1	ı											·
2.75 IN ROCKET FLARE, IR (HA06)	A							0704					
	^							2731		\$2,256	1237		\$1,236
2 75 IN SIGNATURE WARHEAD (H872)	А				:						11804		\$974
SUBTOTAL										\$2,256			\$ 2,210
TOTAL P-1 LINE													•
										\$9,806			\$10,044
				P-1 ITE	M NO.	PAGE	NO.			EXHIBIT P-5			
					1	2				PAGE 1 OF 1			

	BUDGET PROC	CUREMENT	HISTORY PI	ANNING	(P-5A)			A. DAT	E BRUARY 1	999
B. APPROPRIATION/BUDG				C. P-1 ITE	M NOMENC	LATURE				
PAAF/MUNI	TIONS AND RELATE		•	ROCKETS						
LINE ITEM/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
2.75 INCH ROCKET MOTOR (HAO7)		1	i	1	1				i	
FY 1998	LOCKHEED MARTIN ^A	C/FP	ARMY/IOC (AFMC/OO-ALC)	AUG 98	OCT 99	21930	308.56			
FY 1999	иикиоми•	MYP-5/FFP (YR 1)	ARMY/IOC (AFMC/OO-ALC)	APR 99	OCT 00	9279	334.81	YES	NO	
FY 2000	UNKNOWN	MYP-5/FFP (YR 2)	ARMY/IOC (AFMC/OO-ALC)	APR 00	OCT 01	20591	340.57	YES	NO	
FY 2001	UNKNOWN	MYP-5/FFP (YR 3)	ARMY/IOC (AFMC/OO-ALC)	APR 01	OCT 02	21013	346.61	YES	NO	
				·						
		ù.								
·										
				٠.						

D. REMARKS			
^ LOCKHEED MARTIN IS LOCATED IN BURLINGTON, VT.			
•.			
	P-1 SHOPP LIST	PAGE	Exhibit P-5A
	ITEM NO 1	NO. 3	EAHIOR 1 OF

			TITEM JUSTIF				DATE	
APPROPRIATIO	MIDUDOET ACTIV		(EXHIBIT P-40				FEBRUARY 1999	
	N/BUDGET ACTIV				1 ITEM NOMENCLA	TURE		
PAAF/MUNITIO	NS AND RELATED		T		ARTRIDGES			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
QUANTITY							·	
COST (In Millions)	\$61.984	\$45.473	\$70.703	\$78.711	\$74.909	\$84.885	\$78.841	\$80.344
REMARKS					V 11000	φο 1.000	Ψ/0.041	φου.544
THE ITEMS UNITED THE ITEMS UNITED TO THE SECOND THE SECOND THE SECOND THE ITEMS UNITED THE I	DER THIS CATEGO S. ALSO INCLUDE CLUDES CARTRIDO HIELD MILD DETON AIRCREW ESCAPE BALL CARTRIDGE RCES FROM ATTA ION TRAINING RE	DRY INCLUDE CA ED ARE TRAINING GE ACTUATED DE NATION CORD, RO E SYSTEMS. E IS USED IN THE ACK OR TO REPE	RTRIDGES USED AND WAR RESI EVICES/PROPELI OCKET MOTORS M-16 RIFLE. TH L TERRORISTS.	TO SUPPORT TERVE STOCKS FOLIANT ACTUATED, ROCKET CATAINED IN MINISTER M-16 IS USED IN THE TOTAL REC	FOLLOWING P-1 LIN RAINING QUALIFICA DR AIRBORNE COUN DEVICES (CAD/PAD PULTS, ETC., USED (BY ALL PERSONNEL RUIREMENT INCLUDIT ND A PIPELINE STOC	TION AND WAR NTER MEASURE I) ITEMS, SUCH ON AIRCRAFT F REQUIRED TO	R RESERVE STOCKS ES REQUIREMENTS AS GAS GENERATO FIRE SUPPRESSION BE ARMED TO DEFI	THIS DRS, EMERGENCY END AIR
ENSURE TRAIN TRACER AMMU CARTRIDGE IS COMBAT ROUN NAVY, AND MAI 3. THE 30MM C AND THE PGU-	E AIR FORCE IS BI ING IS CONSISTE NITION ARE PROC ELECTRICALLY PI D. THE 20MM CAI RINE CORPS AIRC ARTRIDGE IS A SO 5/A 30MM GUN PO	OYING PGU-27 RO NT WITH COMBA' CURED DEPENDII RIMED AND HAS I RTRIDGE IS THE CRAFT SYSTEMS. OLID, INERT PRO ID ON THE F-16 A	DUNDS TO PROVI TOPERATIONS. NG ON THE SPEC NO FUZE. THE 2 PRIMARY AIRCR JECTILE USED T IRCRAFT. THE C	VIDE TRAINING C VARIOUS LINKS CIFIC REQUIREM OMM PROJECTIL AFT CANNON SY O TRAIN AIRCRA CARTRIDGE IS MI	G IN THE M39 AND MAPABILITY TO COME APABILITY TO COME , LINKING METHODS ENT OF THE SYSTE E IS A SOLID SLUGS (STEM USED BY THE AFT IN THE USE OF T ECHANICALLY PRIMI	PLEMENT THE F S, AND MIXTURE M AND THE TRA SIZED TO MATO E AIR FORCE AN THE GAU-8/A CA FD AND HAS NO	PGU-28 COMBAT RC ES OF TARGET PRA AINING PROGRAM. CH THE BALLISTICS ND IS ALSO USED BY ANNON ON THE A-10	OUND AND CTICE THE OF THE 20MM Y THE ARMY,
IS A SOLID SLU	G DESIGNED TO N	P	ISTICS OF HIGH	EXPLOSIVE INCI	ENDIARY AND ARMO	DR PIERCING IN	ICENDIARY CARTRII	PROJECTILE DGES.

6

	10.5							
			TITEM JUSTIF				DATE FERRILARY 4000	
ADDDODDIATIO	N/BUDGET ACTIV		(EXHIBIT P-40				FEBRUARY 1999	
	NS AND RELATED				P-1 ITEM NOMENCLA	TURE		
1 // WIOTATTIO	FY 1998	FY 1999	FY 2000	FY 2001	CARTRIDGES FY 2002	'. EV 0000	<u> </u>	T = 2
	71 1550	111333	F1 2000	F 1 2001	FY 2002	[.] FY 2003	FY 2004	FY 2005
QUANTITY								
COST (In Millions)	\$61.984	\$45.473	\$70.703	\$78.711	\$74.909	\$84.885	\$78.841	\$80.344
REMARKS (CO			ψ. σ. ι σσ	Ψ/0.//1	ψ14.303	μο4.003	ψ10.041	1 \$80.344
MULTIPLE CAR AN/ALE-40 DISF 48 CARTRIDGE 5. THE BBU-35 IGNITE FLARES	THE PURPOSE OF TRIDGE MAGAZIN PENSING SYSTEM IMPULSE CART, L FROM THE AIRCI	INTERRUPTING TE (MJU-11) WHICH ON THE A-10, F-1 JPON RECEIPT OF RAFT DISPENSER	THE TRACKING (H IS INSTALLED 11, F-16, C-130 / F FIRE COMMAN THE BBU-35 IN	OF THE FLIGHT IN THE AN/ALE- AND C-5 AIRCRA ID, PRODUCES : MPULSE CART I:	PABILITY TO DISPEN PATH BY RADAR EQ 45 CHAFF FLARE DIS AFT. THE RR-180 IS D SUFFICIENT GAS PRI B USED ON THE RR-1 LARE. THIS ITEM HA	JIPMENT. THE PENSING SYST DISPENSED FRO ESSURE TO DEF	CHAFF CARTRIDGE EM ON THE F-15 AI)M THE MAGAZINE PLOY CHAFF OR DE	E FITS INTO A ND IN AN WITH A BBU-
AIRCREW ESCA OPERATIONAL	ORD, ROCKET MO APE SYSTEMS. TH AVAILABILITY IS D CES SUCH AS TH	DTORS, ROCKET HESE EXPLOSIVE DIRECTLY IMPACT	CATAPULTS, ET DEVICES HAVE ED IF REPLACE	C., ARE USED (FINITE LIVES A MENT ASSETS :	D), SUCH AS GAS GE DN AIRCRAFT FIRE SI ND ARE REPLACED D ARE NOT AVAILABLE D PARACHUTE RELE	JPPRESSION, E DURING SCHEDI TO MEET CHAN	MERGENCY RELEAULED MAINTENANCE AGE OUT REQUIRE	ASE AND CE. AIRCRAFT MENTS LIFE
7. THE ITEMS L RESERVE MATE	ESS THAN \$5 MILL ERIEL. PROGRAM	LION CATEGORY (IMED PROCUREM	CONSISTS OF V IENT FOR FY 00,	ARIOUS WEAPO /01 INCLUDES T	ON ITEMS USED FOR HE FOLLOWING ITEM	AIR AND GROU IS AS IDENTIFIE	ND TRAINING AND ED ON THE FOLLOV	War Ving P-5.
		1	-1 SHOPP IST ITEM NO.	PAGE NO.			· · · · · · · · · · · · · · · · · · ·	

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			UMMA	NITION CO	ST ANALYS	IS	(DOLLARS IN	THOUSANDS)	·		· · · · · · · · · · · · · · · · · · ·	
APPROPRIATION AND P-1 LINE			CARTRIDG	ES		· · · · · · · · · · · · · · · · · · ·			DATE:				
PAAF/MUNITIONS AND RELATE	D EQUIPMENT	Γ								FEBRUARY	1999		
ELEMENT OF COST	IDENT	FY98	QTY:	T I	FY99	QTY:		FY00.	QTY:	1	FY01	QTY;	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
1. 5.56MM BALL (A071)			1						3	1017.2	- QTT	Citil COST	TOTAL
HARDWARE							1			l		1 1	
LOAD, ASSEMBLE, PACK (LAP)	1 1	20492785	\$0.23	\$4,777	7211299	\$0.22	\$1,617	13884000	\$0.25	\$3,471	17042053	\$0.25	64.24
BOX METAL M2A1		25002	\$5.74	\$144	8798	\$5.57	\$49	17000	\$6.15	\$105	20792		\$4,31
PROPELLANT WC844 (LB)		84841	\$6.55	\$556		00.07	• 10	,,,,,,,	Ψ0.13	\$103	20792	\$0.20	\$13
SUBTOTAL				\$5,477			\$1,666	•		\$3,576			\$4,44
PRODUCTION SUPPORT			ļ ļ										
PRODUCTION ENGINEERING				\$560			\$20			\$100			\$9
QUALITY ASSURANCE				\$13			\$2			. \$7		i i	\$9 \$
ACCEPTANCE TESTING				\$63		,				* 1		1 1	Ψ
INTERIM TRANSPORTATION	1		1	\$39			\$1			\$4		1	\$
INDUSTRIAL STOCK SUPPORT	1 1		i l	\$194			\$33		l	\$61		1 1	φ \$5
SUBTOTAL				\$869			\$56			\$172			\$15
TOTAL 5.56MM BALL (A071)		20492785	\$0.31	\$6,346	٠	\$0.24	\$1,722	13884000	\$0.27	\$3,748	17042053	\$0.27	\$4,60
2. 20MM PGU-27 A/B (A678)						·				İ			
HARDWARE	Α	• -											
LOAD, ASSEMBLE, PACK (LAP)							l	1773350	\$4.88	\$8,654	1895407	\$4.96	\$9,40
PRODUCTION SUPPORT				i i						Ì			
QUALITY ASSURANCE				1						\$7		l [\$
INTERIM TRANSPORTATION										\$4		1 [\$
INDUSTRIAL STOCK SUPPORT				- 1						\$131			\$14
SUBTOTAL	1 1		! I	1						\$142			\$15
													Ψισ
TOTAL 20MM PGU-27 A/B (A678)							ł	1773350	\$4.96	\$8,796	1895407	\$5.04	\$9,55
													,
										1			
				P-1 ITE	M NO.	PAGE	NO.			EXHIBIT P-5			
			ļ	6		6	ı			PAGE 1 OF 4			

PAAF/MUNITIONS AND RELATED E	QUIPMEN	Γ	CARTRIDG						DATE:	FEBRUARY 19	999		
ELEMENT OF COST	IDENT	FY98	QTY:		FY99	QTY:		FY00	QTY:	· EDITORITY I	FY01	QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
3. 30MM LINKED PGU-15/B (B116)												01111 0001	TOTAL
HARDWARE	A								1	ļ		1. !	
LOAD, ASSEMBLE, PACK (LAP)	1 1	3543791	\$6.40	\$22,675	772236	\$6.68	\$5,160	1464409	\$10.27	\$15,039	1509352	\$ 10.45	\$15,77
CONTAINER CNU-332E	- 1 - 1	6379	\$178.51	\$1,139	1391	\$110,19	\$153	2635		\$220	2718	, ,	•
TUBE F/30MM MOD B	1	3632386	\$0.17	\$633				1500361	\$0.23	\$345	1547383	, , , , , ,	\$23 \$37
STRAP F/30MM		7300210	\$0.03	\$237				3015358		\$121	3109861	\$0.24 \$0.05	\$37 \$15
SUBTOTAL		:		\$24,684			\$5,313	3373333	\$0.07	\$15,725	3109001	\$0.05	\$16,52
PRODUCTION SUPPORT													
QUALITY ASSURANCE		-	t	\$60			\$5			\$7			
ACCEPTANCE TESTING	1 1			\$284			\$20			\$22		i i	\$
INTERIM TRANSPORTATION	1 1		l	\$178			\$2			\$14			\$2
INDUSTRIAL STOCK SUPPORT			ľ	\$874			\$106			\$238			\$1
SUBTOTAL				\$1,396		·	\$133			\$281			\$21 \$25
TOTAL 30MM LINKED PGU-15/B (B116)		3543791	\$7.36	\$26,080	772236	\$7.05	\$ 5,446	1464409	\$10.93	\$16,006	1509352	\$11.12	\$16,78
4. RR-180 CARTRIDGE CHAFF			*			f							
RR-180 (SY16)	1 1	1		-						i i		!	
HARDWARE		895800	\$5,94	25.004	207040]	
TONDWANE	^	093800	\$5.94	\$5.321	827040	\$6.29	\$5.203	644552	\$6.53	\$4.209	648480	\$6,96	\$4.51
	A												
BBU-48/B (SY17)												; I	
HARDWARE		922920	\$7.33	\$6.767	848640	\$ 7.57	\$6.427	663888	\$8.03	\$5.332	667080	\$8.56	\$5.71
				ļ									
TOTAL RR-180 CARTRIDGE CHAFF				\$12.088			\$ 11.630			\$9.541			£40.00
						•	*********			\$5.541	,		\$10.22
	[P-1 ITE	M NO	PAGE	NO.		<u> </u>	EVIDENT D -	· · · · · · · · · · · · · · · · · · ·	<u></u>	
			ı	6		7	1			EXHIBIT P-5			

			AMMU	NITION CC	ST ANAL	YSIS	(DOLLARS IN	I THOUSAN	DS)				
APPROPRIATION AND P-1 LINE ITEM			CARTRIDG	ES					DATE:				
PAAF/MUNITIONS AND RELATED EQ ELEMENT OF COST	UIPMENT IDENT	NT FY98	QTY:		FY99			Evon	l	FEBRUARY 1		~	
LEEMENT OF GOOT	CODE	QTY	UNIT COST	TOTAL	QTY	QTY: UNIT COST	TOTAL	FY00 QTY	QTY: UNIT COST	TOTAL	FY01 QTY	QTY: UNIT COST	70741
5. BBU-35 IMP CART (MG62)				.,,,,,,,	4,,	01111 0001	TOTAL	<u> </u>	ONIT COST	TOTAL	QIT	UNIT COST	TOTAL
<u>HARDWARE</u>	Α	661797	\$ 1.78	\$1,178	841758	\$ 1.82	\$1,532	1850537	\$1. 8 6	\$3,442	4511052	\$1.90	\$8,571
TOTAL BBU-35 IMP CART (MG62)				\$1,178			\$1,532			\$3,442			\$8,571
6. CAD/PAD B-B1 EGRESS COMPONETS	A			\$3,526			\$4,947			\$511			\$513
B-2 EGRESS COMPONETS	A						\$315			\$417			\$419
B-52Z COMPONENTS	А						\$435						
C17A PANEL ASSYS/INITIATORS/EGRESS	Α			\$1,602		·	\$611			\$3 62			\$363
F-15 EGRESS COMPONENTS	А		,	\$618			\$3,340			\$4,798			\$4,817
F-16 EGRESS COMPONENTS	Α	7 1		\$951			\$1,057			\$499			\$501
COMMON EGRESS COMPONENTS	А			\$2,000			\$1,055			\$1,317			\$1,322
MISC COMPONENTS LESS THAN \$500K	А			\$3,981			\$2,477			\$5,435			\$5,431
TOTAL CAD/PAD				\$12,678			\$ 14,237			\$13,340			\$13,367
	<u>. </u>			P-1 ITE	M NO	PAGE	NO.		<u> </u>	EXHIBIT P-5		L	
				6		გ	j			PAGE 3 OF 4			

APPROPRIATION AND P-1 LINE I	TEM		CARTRIDG	ES					5.25				
PAAF/MUNITIONS AND RELATED	. —	Г	OAKTRIDO	LU					DATE:	FEBRARY 199	a		
ELEMENT OF COST	IDENT	FY98	QTY:		FY99	QTY:		FY00	QTY:	I CONAINT 199	FY01	QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	OTY	UNIT COST	TOTAL
7. ITEMS LESS THAN \$5 MILLION												01111 0001	TOTAL
5.56MM BALL CLIPPED (A059)	A		1 1					5514802	i I	\$1,684	3302854		\$1,03
5.56MM SAW (A062)	Α							4549912		\$1,657	2403119	1 I	\$1,03
5.56MM SAW (A063)	A							5180367	1	\$2,240	3219517	}	\$1,44
5.56MM SAW (A064)	А		1 1					725415	1	\$299	1968913	1	\$80
5.56MM SAW (A075)	А		1 1					720110		\$233	365205	·	\$12
5.56MM SAW (A080)			1 1					5496165	1	\$977	5474325	ľ	\$1,00
SIGNAL MK-4 MOD O (F562)	Α		1 1					230830	1	\$684	350925		\$08.
50 CAL BALL LINK (A555)	A		1 1		1			115500	1 3	\$189	102345		\$17
50 CAL BALL TRACER (A557)	Α		1 1					1063921		\$1,803	604244		\$1,05
45 CAL BALL (A483)	A		1					73020		\$15	198790		\$1,00
9MM BALL (A363)	Λ		1 1					3727521		\$468	10143252	l · I	\$1,29
MATCH GRADE (SHOOTING TEAM)	А		1 1		1			VAR		\$140	VAR		\$14
12 GAUGE BIRDSCARE (AY04)	Α		1. 1					44500	1	\$55	25500		\$3
RR-188 CHAFT CARTRIDGE (LY98)	Λ							1250000	1 1	\$3,788	1190000		\$4,28
BBU-46 IMP CART (MT40)	Α		1					3768	l	\$217	3504		\$20
BBU-36 IMP CART (MG11)	A							464846		\$1,334	650000		\$1,88
MK2 MOD 0 IMP CART (M190)	A		1 1					200		\$42	390		\$5
CCU-91 IMP CART (MT12)	A		1					2248		\$139	268	1	\$4
CCU-89 DELAY CART (MH88)	A							435	i .	\$99	350		\$9:
TOTAL ITEMS LESS THAN \$5 MILLION				:						\$15,830			\$15,60
TOTAL P-1 LINE ITEM										\$70,703			\$78,71
			1	P-1 ITE	M NO.	PAGE	NO.			EXHIBIT P-5 PAGE 4 OF 4		<u></u>	

	BUDGET PROCUR	REMENT HI	STORY PLA	NNING(I	P-5 A)			A. DAT	E BRUARY	1999
B. APPROPRIATION/BUDGET	ACTIVITY			C. P-1 ITE	M NOMENO	CLATURE				
PAAF/MUNIT	TIONS AND RELATED E	QUIPMENT				CAR	TRIDGE			
LINE ITEM/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES WHEN AVAIL
1. 5.56MM BALL (A071)				İ	1				13	
FY 1998	OLIN CORP (LCAAP) INDEPENDENCE, MO	MIPR/SS/CPAF	ARMY/IOC (AFMC/OO-ALC)	MAY 1998	OCT 98	20492785	.23			
FY 1999	OLIN CORP (LCAAP) INDEPENDENCE, MO	MIPR/SS/CPAF	ARMY/IOC (AFMC/OO-ALC)	FEB 1999	OCT 99	3605650	.22	Y	N	
FY 1999	UNKNOWN	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	MAY 1999	APR 00	3605649	.22	Y	N	
FY 2000	UNKNOWN	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	NOV 1999	OCT 00	13884000	.25	Y	N	
FY 2001	Пикиоми	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	NOV 2000	OCT 01	17042053	.25	Y	И	
2. 20MM PGU-27 A/B (A678)										
FY 2000	пикиоми	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 2000	MAR 01	1773350	4.88	Y	N	
FY 2001	UNKNOWN	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 2001	MAR 02	1895407	4.96	Y	И	
3. 30MM LINKED PGU-15 (B116)	÷									
FY 1998*	ALLIANT TECH SYS, INC NEW BRIGHTON, MN	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	JUN 1998	DEC 98	1594706	9.35			
FY 1998*	PRIMEX TECH MARION, IL	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	JUN 1998	DEC 98	1949085	8.07			
FY 1999	UNKNOWN	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 1999	MAR 00	772236	6.68	Y	N	
Y 2000	UNKNOWN	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 2000	MAR 01	1464409	10.27	Y	N	
FY 2001	UNKNOWN	MIPR/C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 2001	MAR 02	1509352	10.45	Y	N	

D. REMARKS

	P-1 SHOPP LIST	PAGE	Exhibit P-5A
	ITEM NO.	NO. /p	
_	6		

^{*}THE 30MM IS A SPLIT BUY BETWEEN TWO CONTRACTORS FOR FY 1998. UNIT COST ON P-5A HIGHER THAN ON P-5 DUE TO INCRESE IN ACTUAL COST FROM PROJECTED BUDGET. DIFFERENCE IN COST WILL BE OFFSET BY THE CONVENTIONAL AMMUNITION CAPITAL WORKING FUND (CAWCF). QUANTITIES WILL REMAIN THE SAME.

	A. DATE FEBRUARY 1999									
B. APPROPRIATION/BUDGI	ET ACTIVITY			C. P-1 ITE	M NOMENO	CLATURE		L		
PAAF/MUI	NITIONS AND RELATED	EQUIPMENT				CAR	TRIDGE			
LINE ITEM/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES WHEN AVAIL
4. RR-180 CHAFF	1		1	1	i			i		1
RR-180 (SY16)										
FY 1998	TRACOR	MIPR/C/FP	NAVY/NOC (AFMC/OO-ALC)	JUN 1998	OCT 1998	844680	\$5.94		į	
FY 1999	ИИКИОМИ	MIPR/C/FP OPTION	NAVY/NOC (AFMC/OO-ALC)	FEB 1999	OCT 1999	827040	\$6.29	Y	N	
FY 2000	UNKNOWN	MIPR/C/FP	NAVY/NOC (AFMC/00-ALC)	JUN 2000	OCT 2000	644552	\$6.53	Y	N	
FY 2001	пикиоми	MIPR/C/FP	NAVY/NOC (AFMC/OO-ALC)	JUN 2001	OCT 2001	648480	\$6.96	Y	N	
BBU-48/B (SY17)										
FY 1998	CAPCO, CO	C/FP	AFMC/OO-ALC	JUN 1998	OCT 1998	506808	\$6.58			
FY 1998	QUANTIC, CA	C/FP	AFMC/OO-ALC	JUN 1998	OCT 1998	337872	\$8.46			
FY 1999	CAPCO, CO	C/FP OPTION	AFMC/OO-ALC	FEB 1999	AUG 1999	509760	\$6.76	Y	N	
FY 1999	QUANTIC, CA	C/FP OPTION	AFMC/00-ALC	FEB 1999	MAY 1999	341880	\$8.70	Y	N	
FY 2000	UNKNOWN	C/FP	AFMC/00-ALC	JUN 2000	OCT 2000	663888	\$8.03	Y	N	
FY 2001	UNKNOWN	C/FP	AFMC/00-ALC	JUN 2001	OCT 2001	667080	\$8.56	Y	N	
5. BBU-35 IMP CART (MG62)										
FY 1998	UNKNOWN	C/FP	AFMC/00-ALC	FEB 1999	MAY 1999	661797	\$1.78	Y	N	
FY 1999	UNKNOWN	C/FP	AFMC/00-ALC	JUN 1999	JAN 2000	841758	\$1.82	, Y	N N	
FY 2000	UNKNOWN	C/FP	AFMC/OO-ALC	JUN 2000	JAN 2001	1850537	\$1.86	'	N	
FY 2001	UNKNOWN	C/FP	AFMC/OO-ALC	JUN 2001	JAN 2002	4511052	\$1.90	Y	N	1

D.				

FY1998 BBU-35 IMP CART AWARD IS DELAYED DUE TO REVISIONS TO SPECIAL PACKING INSTRUCTIONS, RESULTING IN THE ASSIGNMENT OF A NEW NATIONAL STOCK NUMBER. THE CONTRACT IS ANTICIPATED TO BE AWARDED BY FEB 1999.

P-1 SHOPP LIST ITEM NO. 6	PAGE NO. //	Exhibit P-5A

(EXHIBIT P-40) FEBRUARY 1999									
APPROPRIATION/BUDGET ACTIVITY PAAF/MUNITIONS AND RELATED EQUIPMENT FY 1998 FY 1999 FY 2000 FY 2001 FY 2002 FY2003 FY 2004 FY 2005 QUANTITY COST (IN MARCH) \$27.113 \$35.925 \$24.325 \$20.783 \$30.025 \$35.842 \$31.742 \$32.347 REMARKS: BEGINNING IN FY00 THIS P-1 INCLUDES ITEMS PREVIOUSLY FUNDED IN P-1 LINES: 15, 18 AND 20. ITEMS IN THIS CATEGORY ARE NONEXPLOSIVE TRAINING SHAPES USED TO PROVIDE COMBAT AIR FORCES WITH AIRCREW WEAPONS DELIVERY TRAINING. THEY SIMULATE THE DROP TRAJECTORY OF EXPLOSIVES LOADED BOMBS. 1. THE 8DU-50 500 POUND SHAPE AND THE BDU-56 2.000 POUND SHAPE ARE GENERAL PURPOSE BOMBS LESS THE EXPLOSIVE FILL. THEY ARE FILLED WITH A COMBINATION OF CONCRETE, VERMICULITE AND SAND. 2. THE BDU-33 IS A 25 POUND PRACTICE BOMB AND 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, INSERTIA TUBE, AND STRIKER PLATE ARE SEPARATE COMPONENTS OF THE BOMB. THIS TRAINER MAY BE EQUIPPED WITH A SPOTTING CHARGE TO INDICATE LOCATION OF IMPACT. IHESE ITEMS ARE PROCURED BY THE SINGLE MANVAGER FOR CONVENTIONAL AMMUNITION. FY98 COSTS ARE BASED ON CONVENTIONAL AMMUNITION WORKING CAPITAL FUND (CAWCF) STANDARD PRICING. FY00/01 COSTS ARE BASED ON ESTIMATED CONTRACTOR/SUPPORT COSTS.			BUDGE		· · · · · · · · · · · · · · · · · · ·			DATE FEBRUARY	1999
GUANTITY COST of Name 1 \$27.113 \$35.925 \$24.325 \$20.783 \$30.025 \$35.842 \$31.742 \$32.347 REMARKS: BEGINNING IN FY00 THIS P-1 INCLUDES ITEMS PREVIOUSLY FUNDED IN P-1 LINES: 15, 18 AND 20. ITEMS IN THIS CATEGORY ARE NONEXPLOSIVE TRAINING SHAPES USED TO PROVIDE COMBAT AIR FORCES WITH AIRCREW WEAPONS DELIVERY TRAINING. THEY SIMULATE THE DROP TRAJECTORY OF EXPLOSIVES LOADED BOMBS. 1. THE BDU-50 500 POUND SHAPE AND THE BDU-56 2,000 POUND SHAPE ARE GENERAL PURPOSE BOMBS LESS THE EXPLOSIVE FILL. THEY ARE FILLED WITH A COMBINATION OF CONCRETE, VERMICULITE AND SAND. 2. THE BDU-33 IS A 25 POUND PRACTICE BOMB AND 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. THIS TRAINER MAY BE EQUIPPED WITH A SPOTTING CHARGE TO INDICATE LOCATION OF IMPACT. THESE ITEMS ARE PROCURED BY THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION. FY98 COSTS ARE BASED ON CONVENTIONAL AMMUNITION WORKING CAPITAL FUND (CAWCF) STANDARD PRICING. FY00/01 COSTS ARE BASED ON ESTIMATED CONTRACTOR/SUPPORT COSTS.				(27(112)11 1	<u> </u>	P-1 ITEM NOMENC	LATURE		
QUANTITY COST (In Mallerer) \$27.113 \$35.925 \$24.325 \$20.783 \$30.025 \$35.842 \$31.742 \$32.347 REMARKS: BEGINNING IN FY00 THIS P-1 INCLUDES ITEMS PREVIOUSLY FUNDED IN P-1 LINES: 15, 18 AND 20. IITEMS IN THIS CATEGORY ARE NONEXPLOSIVE TRAINING SHAPES USED TO PROVIDE COMBAT AIR FORCES WITH AIRCREW WEAPONS DELIVERY TRAINING, THEY SIMULATE THE DROP TRAJECTORY OF EXPLOSIVES LOADED BOMBS. 1. THE BDU-50 500 POUND SHAPE AND THE BDU-56 2.000 POUND SHAPE ARE GENERAL PURPOSE BOMBS LESS THE EXPLOSIVE FILL. THEY ARE FILLED WITH A COMBINATION OF CONCRETE, VERMICULITE AND SAND. 2. THE BDU-33 IS A 25 POUND PRACTICE BOMB AND 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. THIS TRAINER MAY BE EQUIPPED WITH A SPOTTING CHARGE TO INDICATE LOCATION OF IMPACT. THESE ITEMS ARE PROCURED BY THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION. FY98 COSTS ARE BASED ON CONVENTIONAL AMMUNITION WORKING CAPITAL FUND (CAWCF) STANDARD PRICING. FY00/01 COSTS ARE BASED ON ESTIMATED CONTRACTOR/SUPPORT COSTS.	PAAF/MUNIT					PRACTICE BOMBS			
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ITEMS IN THIS CATEGORY ARE NONEXPLOSIVE TRAINING SHAPES USED TO PROVIDE COMBAT AIR FORCES WITH AIRCREW WEAPONS DELIVERY TRAINING. THEY SIMULATE THE DROP TRAJECTORY OF EXPLOSIVES LOADED BOMBS. 1. THE BDU-50 500 POUND SHAPE AND THE BDU-56 2,000 POUND SHAPE ARE GENERAL PURPOSE BOMBS LESS THE EXPLOSIVE FILL. THEY ARE FILLED WITH A COMBINATION OF CONCRETE, VERMICULITE AND SAND. 2. THE BDU-33 IS A 25 POUND PRACTICE BOMB AND 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. THIS TRAINER MAY BE EQUIPPED WITH A SPOTTING CHARGE TO INDICATE LOCATION OF IMPACT. THESE ITEMS ARE PROCURED BY THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION. FY98 COSTS ARE BASED ON CONVENTIONAL AMMUNITION WORKING CAPITAL FUND (CAWCF) STANDARD PRICING. FY00/01 COSTS ARE BASED ON ESTIMATED CONTRACTOR/SUPPORT COSTS. P-1 SHOPP LIST ITEM NO. P-2 SHOPP LIST ITEM NO.	REMARKS:								
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FILLED WITH A COMBINATION OF CONCRETE, VERMICULITE AND SAND. 2. THE BDU-33 IS A 25 POUND PRACTICE BOMB AND 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. THIS TRAINER MAY BE EQUIPPED WITH A SPOTTING CHARGE TO INDICATE LOCATION OF IMPACT. THESE ITEMS ARE PROCURED BY THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION. FY98 COSTS ARE BASED ON CONVENTIONAL AMMUNITION WORKING CAPITAL FUND (CAWCF) STANDARD PRICING. FY00/01 COSTS ARE BASED ON ESTIMATED CONTRACTOR/SUPPORT COSTS. P-1 SHOPP PAGE NO. LIST ITEM NO.	1. THE BDU-56	0 500 POUND SHA	PE AND THE BD	U-56 2,000 POUN	ND SHAPE ARE G	ENERAL PURPOSE E	BOMBS LESS TH	HE EXPLOSIVE FILL	THEY ARE
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AMMUNITION WORKING CAPITAL FUND (CAWCF) STANDARD PRICING. FY00/01 COSTS ARE BASED ON ESTIMATED CONTRACTOR/SUPPORT COSTS. P-1 SHOPP PAGE NO. LIST ITEM NO.				V					
P-1 SHOPP PAGE NO. LIST ITEM NO.	THESE ITEMS A	ARE PROCURED E	BY THE SINGLE N	MANAGER FOR C	CONVENTIONAL A	AMMUNITION, FY98	COSTS ARE BA	SED ON CONVENTION	ONAL
P-1 SHOPP PAGE NO. LIST ITEM NO.	COSTS.	VURKING CAPITAL	- FUND (CAWCF)) STANDARD PR	ICING. FY00/01 C	COSTS ARE BASED C	ON ESTIMATED	CONTRACTOR/SUP	PORT
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			AMMU	NITION CO	ST ANAL	YSIS	(DOLLARS IN	N THOUSAN	OS)		·	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
APPROPRIATION AND P-1 LIN		·····	T						DATE:				
PAAF/MUNITIONS AND RELAT			PRACTIC	E BOMBS						FEBRUARY 1	1999		
ELEMENT OF COST	IDENT	FY98	QTY:		FY99	QTY:		FY00	QTY:		FY01	QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
1. MK-82 INERT/BDU-50	1												
HARDWARE													
LOAD ASSEMBLE AND PACK (LAP)	Α	22612	\$54.46	\$1,231	29808	\$57.47	\$1,713	25541	\$70.48	\$1,800	19614	\$71.74	\$1,375
BOMB BODY BDU-50	l l	23290	\$575.87	\$13,412	30707	\$610.20	\$18,737	26255	\$617.58	\$16,215	19739	\$628.56	\$12,407
LUG SUSPENSION		47511	\$15.34	\$729	62608	\$15.44	\$966	53529	\$15.44	\$826	40245	\$15.71	632
PALLET INSPECTION	1 1		1		5067	\$32.40	\$164	4334	\$32.41	\$140	3258	\$32.98	\$108
SUBTOTAL	1 1			\$15,372			\$21,580		*****	\$18,982	0200	\$32.30	\$14,522
PRODUCTION SUPPORT													
QUALITY ASSURANCE				\$41			\$6			\$5			
ACCEPTANCE TESTING			1 1	\$189			\$0						
INTERIM TRANSPORTATION	1 1			\$117		i l	\$306			\$0		[
INDUSTRIAL STOCK SUPPORT				\$579			\$300 \$451			\$330		1 1	21
SUBTOTAL										\$285		i l	21
TOTAL		22612	\$720.7C	\$926	20200	2740.00	\$763			\$620			\$44
TOTAL		22012	\$720.76	\$16298	29808	\$749.62	\$22,344	25541	\$767.29	\$19,602	19614	\$748.99	\$14,963
NAVY ENGINEERING SUPPORT				\$120			\$142			\$ 150			\$150
PRODUCTION ENGINEERING				\$2,600			•			\$130			\$100
MK-82 INERT/BDU-50 TOTAL		22612		\$19,018	29808	Y	\$22,486	25541		\$19,752	19614		\$15,113
2. BDU-33/25 LB PRAC BOMB													
HARDWARE			:										
BDU-33D/B	Α	397896	\$13.35	\$5,312	273300	\$13.77	\$3,763	338067	\$13.33	\$4,506	411903	\$13 ,56	\$5,585
SUBTOTAL				\$5,312			\$3,763		******	\$4,506	111000	\$10 .50	\$5,585
PRODUCTION SUPPORT													
QUALITY ASSURANCE				\$13		1	\$5			\$5			\$5
ACCEPTANCE TESTING				\$61			•			\$65		1	\$8:
INTERIM TRANSPORTATION				\$38		1				\$65		1	40
INDUSTRIAL STOCK SUPPORT	1			\$189			\$75						
SUBTOTAL	1 1			\$301			\$75 \$80			670			
BDU-33/25 LB BOMB TOTAL	1 1			\$5,613			\$3,843			\$70			\$86
GO DOMO TOTAL				Ψ3,013			ψ3,043			\$4,576			\$ 5,671
TOTAL P-1 LINE ITEM			6 										
PRACTICE BOMBS	1									\$24,328			\$20,784
				P-1 ITE	M NO.	PAG	E NO.			EXHIBIT P-5			
				13		/3	5			PAGE 1 OF 1			

A. DATE

BUDGET PROCUREMENT HISTORY PLANNING (P-5A)

FEBRUARY 1999 B. APPROPRIATION/BUDGET ACTIVITY C. P-1 ITEM NOMENCLATURE PAAF/MUNITIONS AND RELATED EQUIPMENT PRACTICE BOMBS LINE ITEM/ CONTRACTOR/ CONTRACT CONTRACTED **AWARD** DATE OF QUANTITY UNIT SPECS SPEC IF YES. FISCAL YEAR LOCATION METHOD BY DATE AVAIL FIRST COST REV WHEN & TYPE NOW **DELIVERY** REQ'D **AVAIL** 1. MK-82 INERT/BDU-50 FY 1998 UNK/MCAAP* SS/FP ARMY/IOC **AUG 99** 22612 JAN 98^A 720.76@ (AFMC/OO-ALC) FY 1999 UNK/MCAAP SS/FP ARMY/IOC **FEB 99** JUN 011 29808 749.02@ YES NO (AFMC/OO-ALC) FY 2000 UNK/MCAAP SS/FP ARMY/IOC SEP 01 25541 **JAN 00** 767.29@ YES NO (AFMC/OO-ALC) FY 2001 UNK/MCAAP SS/FP ARMY/IOC **SEP 02** 19164 JAN 01^A 748.99@ YES NO (AFMC/OO-ALC) 2. BDU-33, 25 LB PRACTICE BOMB DELFASCO** FY 1998 C/FP ARMY/IOC MAR 98 JUN 98 397896 13.35 (AFMC/OO-ALC) FY 1999 C/FP UNKNOWN ARMY/IOC **MAY 99 JAN 01** 273300 13.77 YES NO (AFMC/OO-ALC) FY 2000 C/FP ARMY/IOC UNKNOWN -MAR 00 JUN 01 338067 13.33 YES NO (AFMC/OO-ALC) C/FP FY 2001 UNKNOWN ARMY/IOC MAR 01 MAY 02 411903 13.56 YES NO (AFMC/OO-ALC) D. REMARKS 1. *MCALESTER ARMY AMMUNITION PLANT (MCAAP) IS LOCATED IN MCALESTER, OK. @ UNIT COSTS DO NOT INCLUDE FUNDS PROVIDED TO US NAVY FOR ENGINEERING. ENGINEERING SUPPORT COSTS ENSURE TECHNICAL DATA PACKAGE MAINTENANCE AND PRODUCTION ENGINEERING SUPPORT. ^AWARD DATES ARE FOR LOAD, ASSEMBLE, AND PACK (LAP) (MCALESTER AAP). CONTRACTOR METHOD AND TYPE FOR THE BOMB BODY IS C/FP. BOMB BODY CONTRACTOR IS UNKNOWN FOR FY98 AND OUTYEAR BOMB BODY PROGRAMS DUE TO A NEW PRODUCTION METHOD CALLED CAST DUCTILE IRON (CDI). FY98 PROCUREMENT WILL BE BEYOND THE FUNDED DELIVERY PERIOD DUE TO LATE RECEIPT OF TECHNICAL DATA, REVISED ACQUSITION STRATEGY AND OTHER RELATED ISSUES. PRODUCTION OF FY99 BOMB BODY PROCUREMENT WILL BE AN OPTION TO THE FY98 BOMB BODY CONTRACT. 2. "DELFASCO IS LOCATED IN GREENVILLE TN. P-1 SHOPP LIST PAGE Exhibit P-5A ITEM NO. NO. /4

APPROPRIATION/BUDGET ACTIVITY PAAFMUNITIONS AND RELATED EQUIPMENT FY1998 FY1999 FY2000 FY2001 FY2002 FY2003 FY2004 FY2005 GUANTITY COST INMINOR STAND RELATED EQUIPMENT S18.407 S48.196 S40.553 S51.121 S51.931 S72.641 \$60.722 \$51.152 S61.152 S61.152 S61.152 S61.152 S61.152 S61.152 S61.153 S61.153 S61.154 S60.722 S51.152 S61.155 S61.154 S60.722 S51.155 S61.155 S61.156 S61.156 S61.156 S61.157 S61			BUDGE	T ITEM JUSTII	FICATION			DATE	
PARFMUNITIONS AND RELATED EQUIPMENT FY1998 FY1998 FY2000 FY2001 FY2001 FY2002 FY2003 FY2004 FY2005 FY2005 GUANTITY COST ID MINING IN FY 00 AND BEYOND THIS P-1 INCLUDES ITEMS PREVIOUSLY PROGRAMMED UNDER P-1 LINES 0F THIS P8: 14, 16, 17, 19, 24 AND 37. THE GENERAL PURPOSE BOMBS CATEGORY INCLUDES ALL HIGH EXPLOSIVE, AIR DELIVERED BOMBS AND ASSOCIATED FUZES, FINS, AND GUIDANCE KITS. THE WARPIGHTER DELIVERS THESE MUNITIONS VIA FIGHTER OR BOMBER AIRCRAFT FOR BOTH TRAINING AND WARTIME/CONTINGENCY TASKINGS, GENERAL PURPOSE BOMBS CAN BE USED AS UNGUIDED WAPPONS OR AS GUIDED MUNITIONS (SUCH AS THE JOINT DIRECT ATTACK MUNITION (JDAM)) WHEN A GUIDANCE AND CONTROL KIT IS INSTALLED THIS P-1 INCLUDES MK-83 1000-POUND, MK-84 2000-POUND TRITONAL, BLU-109 BOMB HARD TARGET PENETRATOR, GBU-28 HARD TARGET PENETRATOR, JOINT PROGRAMMABLE FUZE, GBU-37 GLOBAL POSITIONING SYSTEM AIDED AIR MUNITION, MXU-650 AIRFOIL GROUP, AND THE BSU-33 MK-82 EITH ASSEMBLIES, AND GENERAL PURPOSE BOMBS WITH AN ANNUAL PROCUREMENT COST OF LESS THAN \$ 5 MILLION. 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 AERODYNAMICS. THE BOMB IS DESIGNED TO PRODUCE BLAST AND FRAGMENTATION EFFECTS AND CAN BE USED AS AN UNGUIDED HIGH OR LOW DRAG WEAPON. WHEN USED WITH A GUIDANCE BLAST AND FRAGMENTATION EFFECTS. THE FY 01 FUNDS ARE TO SUPPORT THE JOAM PROGRAM (P-1 LINE 22). THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION 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 AERODYNAMICS. THE BOMB IS DESIGNED TO PRODUCE BLAST AND FRAGMENTATION EFFECTS. THE FY 01 FUNDS ARE TO SUPPORT THE JOAM PROGRAM (P-1 LINE 22). THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION 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 AERODYNAMICS. THE BOMB IS DESIGNED TO PRODUCE BLAST AND FRAGMENTATION EFFECTS. THE FK-6				(EXHIBIT P-40	D)			FEBRUARY 199	9
PARFMUNITIONS AND RELATE EQUIPMENT FY199B FY199B FY2000 FY2001 FY2002 FY2003 FY2004 FY2005 QUANTITY COST (In Mission) \$18.407 \$48.196 \$40.553 \$51.121 \$51.931 \$72.641 \$60.722 \$51.152 REMARKS BEGINNING IN FY 00 AND BEYOND THIS P-1 INCLUDES ITEMS PREVIOUSLY PROGRAMMED UNDER P-1 LINES OF THIS PB: 14, 16, 17, 19, 24 AND 37. THE GENERAL PURPOSE 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 FOR BOTH TRAINING AND WARTIME/CONTINGENCY TASKINGS, GENERAL PURPOSE BOMBS CAN BE USED AS UNGUIDED WEAPONS OR AS GUIDED MUNITIONS (SUCH AS THE JOINT DIRECT ATTACK MUNITION (JDAM)) WHEN A GUIDANCE AND CONTROL KIT IS INSTALLED THIS P-1 INCLUDES MK-83 1000-POUND, MK-84 2000-POUND TRITONAL, BLU-109 BOMB HARD TARGET PENETRATOR, GBU-28 HARD TARGET PENETRATOR, JOINT PROGRAMMABLE FUZE, GBU-37 GLOBAL POSITIONING SYSTEM ADDED AIR MUNITION, MXU-650 AIRFOIL GROUP, AND THE BSU-33 MK-82 FIN ASSEMBLIES, AND GENERAL PURPOSE BOMBS. WITH AN ANNUAL PROCUREMENT COST OF LESS THAM \$5 MILLION. 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 AERODYNAMICS. THE BOMB IS DESIGNED TO PRODUCE BLAST AND FRAGMENTATION EFFECTS AND CAN BE USED AS 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 A PROXIMITY, INSTANTANEOUS, OR DELAY FUZE TO PROVIDE A WIDE VARIETY OF MILITARY EFFECTS. THE FY 01 FUNDS ARE TO SUPPORT THE APROXIMITY, INSTANTANEOUS, OR DELAY FUZE TO PROVIDE A WIDE VARIETY OF MILITARY EFFECTS. THE FY 01 FUNDS ARE TO SUPPORT THE APROXIMITY, INSTANTANEOUS, OR DELAY FUZE TO PROVIDE A VARIETY OF MILITARY EFFECTS. THE FY 61 FUNDS ARE TO SUPPORT THE APROXIMITY, INSTANTANEOUS, OR DELAY FUZE TO PROVIDE A VARIETY OF MILITARY EFFECTS. THE WIRE ACCONDATE AND HIGH OR LOW DRAG WEAPON. WHEN USED WITH A GUIDANCE KIT, IT CAN BE	APPROPRIATION	ON/BUDGET ACTI	VITY		·	P-1 ITEM NOMENO	I ATURE		
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AERODYNAMICS. THE BOMB IS DESIGNED TO PRODUCE BLAST AND FRAGMENTATION EFFECTS AND CAN BE USED AS AN UNGUIDED HIGH OR LOW DRAG WEAPON. WHEN USED WITH A GUIDANCE KIT, IT CAN BE EMPLOYED AS A PRECISION GUIDED BOMB. THE MK-84 CAN ALSO BE FUZED WITH A PROXIMITY, INSTANTANEOUS, OR DELAY FUZE TO PROVIDE A VARIETY OF MILITARY EFFECTS. THE MK-84 CONICAL FIN ASSEMBLY HAS BEEN INCLUDED IN THE FUNDING THROUGH FY 00. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION 3. 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, AND GBU-15 WEAPON SYSTEMS. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION P-1 SHOPP LIST ITEM NO. PAGE 1 OF 2	ODAWII NOONA	AW (F-1 LINE 22).	THIS ITEM IS PRO	JOURED THROU	GH THE SINGLE I	MANAGER FOR CO	NVENTIONAL AM	MUNITION	
AERODYNAMICS. THE BOMB IS DESIGNED TO PRODUCE BLAST AND FRAGMENTATION EFFECTS AND CAN BE USED AS AN UNGUIDED HIGH OR LOW DRAG WEAPON. WHEN USED WITH A GUIDANCE KIT, IT CAN BE EMPLOYED AS A PRECISION GUIDED BOMB. THE MK-84 CAN ALSO BE FUZED WITH A PROXIMITY, INSTANTANEOUS, OR DELAY FUZE TO PROVIDE A VARIETY OF MILITARY EFFECTS. THE MK-84 CONICAL FIN ASSEMBLY HAS BEEN INCLUDED IN THE FUNDING THROUGH FY 00. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION 3. 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, AND GBU-15 WEAPON SYSTEMS. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION P-1 SHOPP LIST ITEM NO. PAGE 1 OF 2	2. THE MK-84	IS A 2 000-POUND	CLASS GENERA	I PURPOSE BOM	MR ITHASA DEI	ATIVELY THIN DOM	ID CACE THAT IC	CTDEAM INCD TO	DEDUCE
DRAG WEAPON. WHEN USED WITH A GUIDANCE KIT, IT CAN BE EMPLOYED AS A PRECISION GUIDED BOMB. THE MK-84 CAN ALSO BE FUZED WITH A PROXIMITY, INSTANTANEOUS, OR DELAY FUZE TO PROVIDE A VARIETY OF MILITARY EFFECTS. THE MK-84 CONICAL FIN ASSEMBLY HAS BEEN INCLUDED IN THE FUNDING THROUGH FY 00. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION 3. 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, AND GBU-15 WEAPON SYSTEMS. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION P-1 SHOPP PAGE NO. PAGE 1 OF 2	AERODYNAMIO	CS. THE BOMB IS	DESIGNED TO P	RODUCE BLAST	AND FRAGMENT	ATION EFFECTS AN	ID CASE THAT IS	21KEAMINED 10	REDUCE
PROXIMITY, INSTANTANEOUS, OR DELAY FUZE TO PROVIDE A VARIETY OF MILITARY EFFECTS. THE MK-84 CONICAL FIN ASSEMBLY HAS BEEN INCLUDED IN THE FUNDING THROUGH FY 00. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION 3. 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, AND GBU-15 WEAPON SYSTEMS. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION P-1 SHOPP LIST ITEM NO. PAGE 1 OF 2	DRAG WEAPOI	N. WHEN USED W	VITH A GUIDANCE	EKIT. IT CAN BE I	FMPI OYFD AS A	PRECISION GLUDE	D ROMR THE MI	AS AN UNGUIDED	HIGH OR LOW
3. 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, AND GBU-15 WEAPON SYSTEMS. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION P-1 SHOPP PAGE NO. PAGE 1 OF 2	PROXIMITY, IN	STANTANEOUS, (OR DELAY FUZE	TO PROVIDE A VA	ARIETY OF MILIT	ARY FEFECTS THE	E MK-84 CONICAI	FIN ACSO DE	VO DEEN
3. 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, AND GBU-15 WEAPON SYSTEMS. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION P-1 SHOPP PAGE NO. PAGE 1 OF 2 LIST ITEM NO.	INCLUDED IN T	THE FUNDING THE	ROUGH FY 00. TH	HIS ITEM IS PROC	CURED THROUGH	H THE SINGLE MAN	AGER FOR CON	/FNT10NAL AMMUI	MITION MITION
ON THE PAVEWAY III, PAVEWAY III, AND GBU-15 WEAPON SYSTEMS. THIS ITEM IS PROCURED THROUGH THE SINGLE MANAGER FOR CONVENTIONAL AMMUNITION P-1 SHOPP PAGE NO. PAGE 1 OF 2 LIST ITEM NO. 15									
CONVENTIONAL AMMUNITION P-1 SHOPP PAGE NO. PAGE 1 OF 2	3. THE BLU-10	9/B WARHEAD IS	A 2000-POUND H	ARD TARGET PE	NETRATOR BOM	B FILLED WITH 553	POUNDS OF TRI	TONAL. THE WAR	HEAD IS USED
P-1 SHOPP PAGE NO. PAGE 1 OF 2	ON THE PAVEV	WAY II , PAVEWAY	'III, AND GBU-15	WEAPON SYSTE	MS. THIS ITEM IS	PROCURED THRO	UGH THE SINGLE	MANAGER FOR	
LIST ITEM NO.	CONVENTIONA	AL AMMUNITION							
LIST ITEM NO.					•				
LIST ITEM NO.				n 4 CHOPP	DAGENC				
			• • • • • • • • • • • • • • • • • • •		PAGE NO.		PAGE	1 OF 2	
				14	15				

		BUDGE	T ITEM JUSTIF (EXHIBIT P-40)				DATE FEBRUARY 199	99
	ON/BUDGET ACTI				P-1 ITEM NOMENC		<u> </u>	
1701171101117	FY1998	FY1999	FY2000	FY2001	GENERAL PURPOS FY2002	FY2003	Tryong (T = 1000 = -
QUANTITY		111000	1 12000	112001	F12002	F12003	FY2004	FY2005
COST (In Millions)	\$18.407	\$48.196	\$40.553	\$51.121	\$51.931	\$72.641	\$60.722	\$51.152
THE BLU-113/E THE ENHANCE LGB GUIDANC 5. THE FMU-15 FOR THE JDAN MULTIPLE ARN PROGRAMMAE UNGUIDED BO AND PROVIDE AND EVALUAT	ED GBU-28 ADDS A E. IT PROVIDES I 52/B JOINT PROG M)AND OTHER CO M TIMES, INSTANT BILITY, AND INCRI MBS. IT WILL RE THE NEXT GENE ION (DT&E) AND	AD, THE WGU-36A AN INERTIAL NAV NCREASED ACCU RAMMABLE FUZE NVENTIONAL WE FANEOUS AND MU EASED SERVICE/S PLACE OR SUPPL RATION OF FUZIN INITIAL OPERATIC	IB LASER GUIDAN IGATION SYSTEM JRACY IN THE AB: (JPF) IS A JOINT APONS IN THE IN JLTIPLE SHORT A SHELF LIFE. THE LEMENT DIFFEREI IG CAPABILITY FO	ICE UNIT, THE E AND GLOBAL F SENCE OF WEA AF/NAVY MULTI VENTORY. THE ND LONG DELA JPF WILL PROV NT INVENTORY OR HARD TARGI	EAT DEEPLY BURIE BSG-92/B AIRFOIL G POSITIONING SYSTE THER CONDITIONS -FUNCTION UNITAF FMU-152/B WILL PI Y DETONATION TIM TIDE BACKWARD CO FUZES SUCH AS THE ET, GENERAL PURF E COMPLETE AND TICLE ACCEPTANC	ROUP AND THE EM TO THE EXIST FAVORABLE TO RY FUZE BEING DE ROVIDE A HIGHLIES, HARD TARGOMPATIBILITY FORE AND GUIDE THE PROGRAM INTERNATION TO THE PROGRAM INTERNATION TO THE PROGRAM INTERNATION THE P	FMU-143F/B, G/B OTING TAIL KIT AUG LASING. DEVELOPED AND F Y RELIABLE BOMB ET SURVIVABILITY OR MK-80 SERIES G J-143, FMU-124, AN ED BOMBS. DEVEL	R H/B FUZE. MENTING THE ROCURED FUZE WITH COCKPIT GUIDED AND D M904/M905, OPMENT TEST
6. THE MXU-6	50/B IS AN AIRFOI		STING OF AN AFT		_Y, FORWARD CAN			
7. THE BSU-33	S CONICAL FIN AS WITH A METAL BA	SEMBLY STABILIZ AND THAT IS TIGH	ZES THE BOMB DO ITENED TO THE B	JRING RELEASE OMB WITH CLA	E AND FREE FLIGHT MP.	FROM AIRCRAF	T TO TARGET. TH	IE BSU-33 FIN
8. ITEMS WITH BOMBS, COMP	I AN ANNUAL PRO PONENTS AND VA	OCUREMENT OF L RIOUS OTHER ITE	ESS THAN \$5 MIL EMS NECESSARY	LION ARE IDEN FOR PEACETIM	TIFIED ON THE FOL IE OPERATIONS AN	LOWING P-5. TH D WAR RESERV	HIS CATEGORY INC E MATERIEL STOC	CLUDES KPILES.
WITH THE EXC THROUGH THE	EPTION OF THE (ESINGLE MANAGE	GBU-28, THE GBU ER FOR CONVEN	I-37, THE MXU-650 TIONAL AMMUNIT	AIRFOIL GROUTON FY 00/01	IP AND THE JOINT F COSTS ARE BASED	PROGRAMMABLE UPON ESTIMATI	E FUZE, ITEMS ARE ED CONTRACTOR/	PROCURED SUPPORT

UNCLASSIFIED

PAGE NO.

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P-1 SHOPP

14

LIST ITEM NO.

COSTS.

			AMMU	NITION C	OST ANAL	YSIS	(DOLLARS II	V THOUSAN	DS)				
APPROPRIATION AND P-1 LINE ITI PAAF/MUNITIONS AND RELATED I			GENERAL	PURPOSI	BOMBS				DATE:				··-
ELEMENT OF COST	IDENT	FY98	QTY:		FY99	OTV		EV00	<u></u>	FEBRUARY			
	CODE	QTY	UNIT COST	TOTAL	QTY	QTY: UNIT COST	TOTAL	FY00	QTY:		FY01	QTY:	
1. MK-83 1,000 LB BOMB (E509)	A		01111 0001	TOTAL	<u> </u>	DIVIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE	^					1							
LOAD ASSEMBLE AND PACK					ŀ	j						1. 1	
BOMB BODY MK-83					1						2066		\$2,27
CABLE ASSEMBLY						1				i I	2128		\$4,29
SUSPENSION LUG MS3314			1							1	2128		\$60
PALLET INSPECTION					ľ	1					4337	\$15.67	\$6
SUBTOTAL											703	\$50.45	\$3
PRODUCTION SUPPORT DUALITY ASSURANCE													\$6,73
NTERIM TRANSPORTATION	- I - I		1							l		1 1	
NDUSTRIAL STOCK SUPPORT												1 1	\$10
SUBTOTAL	1 1		l i										\$12
TOTAL										l j		1	\$23
NAVY ENGINEERING SUPPORT	1 1				1					l	2,066	\$3,370.28	\$6,96
TOTAL MK-83 1000 LB BOMB									i L				\$15 \$7,11
. MK-84 2000 LB BOMB (F275)	_ ^					1							
HARDWARE			1		1	,				l 1		l !	
LOAD ASSEMBLE AND PACK			1		2400	\$781 81	\$1,876	1989	\$956,73	\$1,903	4581	\$970.96	\$4,44
BOMB BODY MK-84					2472	\$2,003.78	\$4,953	2049	\$2,005.90	\$4,110	4705	\$2,041.57	\$9,60
UG SUSP MK3					1		\$0	4177	\$28.74	\$120	9591	\$29.25	\$28
PALLET INSPECTION		•	1 1		1212	\$57,11	\$69	1005	\$57.12	\$57	2307	\$58,14	\$13
SUBTOTAL					İ		\$6,898			\$6,190			\$14,46
PRODUCTION SUPPORT	l i		1										
DUALITY ASSURANCE							\$0			\$5		1	\$
NTERIM TRANSPORTATION			1				\$152			\$128			\$25
NDUSTRIAL STOCK SUPPORT	1 1]				\$228			\$128		l	\$29
SUBTOTAL			j 1				\$380			\$261		1	\$55
TOTAL			1 1		2400	\$3,010.41	\$7,278	1989	\$3,243.34	\$6,451	4581	\$3,279.85	\$15,02
IAVY ENGINEERING SUPPORT] 1				\$142			\$150			\$150
OTAL MK-84 2000LB BOMB							\$7,420			\$6,601			\$15,17
A CONICAL FIN ASSEMBLY (F607) *					7487	\$236.03	\$ 1,767						
RODUCTION SUPPORT			j l			1230.00	\$1,107]	
DUALITY ASSURANCE							\$ 5						
NDUSTRIAL STOCK SUPPORT			1 1				\$33						
SUBTOTAL			1		7487		\$38			1			
TOTAL FIN ASSEMBLY					7487	\$241.08	\$1,805			1			
IAVY ENGINEERING SUPPORT					1.407	₩Z-11.00							
OTAL MK-84 2000LB BOMB	1 1						\$142 \$9,367	1989			456.		*** := :
FIN ASSEMBLY WILL BE PROCURED WITH MK-8	ARE PATIME	19 IN EVOD	'	P-1 ITI		PAGE		1989		\$6,601	4581	L	\$15,17
The second of th		13 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		14	EIVI NU.	//				EXHIBIT P-5			

APPROPRIATION AND P-1 LINE ITEM			GENERAL	PURPOSE	BOMBS				DATE:				
PAAF/MUNITIONS AND RELATED EQ	UIPMEN	IT								FEBRUARY 1	1999		
ELEMENT OF COST	IDENT	FY98	· · · · · · · · · · · · · · · · · · ·		FY99	QTY:		FY00	QTY:		FY01	QTY:	
2 BUIL 400 BOND (E440)	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
3. BLU-109 BOMB (F140) HARDWARE	^								[]				
LOAD ASSEMBLE AND PACK	1 1									i			
BLU-109 EMPTY BOMB CASES	i i										998	\$1,781.35	\$1,778
CNU 417 CONTAINER											1025	\$5,191.53	\$5,32
SUBTOTAL							ŀ				503	\$691.35	\$348
PRODUCTION SUPPORT													\$7,447
QUALITY ASSURANCE													
NTERIM TRANSPORTATION	1 1								1			1	\$5
NDUSTRIAL STOCK SUPPORT	1 1			i								1 }	\$100
SUBTOTAL	1								1			1	\$118
TOTAL BLU-109 BOMB				ŀ									\$226
	ł						l				998	\$7,688.34	\$7,673
1. GBU-28 HARD TGT PENETRATOR				ŀ					1				
HARDWARE	``											ŀ	
WGU 36A/B GUIDANCE CONTROL	1	72	\$63,575.00	\$4,577	173	\$63,575 00	\$10,998	07	*********	20.070]	
3SG 92/B AIRFOIL GROUP	1 I	72	\$7,932.00	\$571	173	\$7,932 00	\$1,372	97 97	\$64,655.76 \$8,066.84	\$6,272		1	
NDAPTER GROUP	<u> </u>	72		\$223	173	\$3,100.00	\$536	97		\$782 \$200		1	
BLU 113A/B WARHEAD	1 1	72	\$46,380.00	\$3,339	173	\$46,380 00	\$8,024	97	\$47,168.46	\$306 \$4,575		1	
OAD ASSEMBLE AND PACK	1	72	\$6,270.66	\$452	173	\$5,689.75	\$984	97.	\$5,788.48	\$4,575 \$561			
CNU 554/E PALLET	1 1	72.	\$1,179.00	\$85	183	\$1,129.00	\$207	97	\$1,219.09	\$118			
MU 143F/B FUZE		14	\$3,313.80	\$46	26	\$3,227.47	\$84	16		\$52			
MU 143G/B FUZE	1	44	\$2,230.12	\$98	90	\$2,165.60	\$195	56		\$123		i I	
MU 143H/B FUZE	ll	41	\$3,615.20	\$159	88	\$3,509.33	\$309	54		\$193			
SUBTOTAL				\$9,550		,	\$22,709	Ŭ.	\$0,000.03	\$12,982			
PRODUCTION SUPPORT				l			}						
RECURRING							1						
IRST ARTICLE TESTING				\$489			\$669			\$293		ļ	
ING GAGING DRAWINGS				\$50			\$51			\$30			
AIRCRAFT INTEGRATION				\$46			\$70			\$50 \$50		1	
ECHNICAL DATA	1			\$25			\$55			\$15			
SUBTOTAL				\$610			\$845			\$388		j	
ION-RECURRING					ļ								
EST SET ADAPTER MOD	1 I			\$700	I								
COUNTER COUNTER MEASURES				\$1,100						ŀ			
OC FUZE SUPPORT				, ,		٠.				\$30			
SUBTOTAL				\$1,800		Į.				\$30 \$30			
EST SET ADAPTERS	l Ì	6	\$90,000.00	\$540	7	\$90,000 00	\$630			\$30			
OTAL GBU-28 HD TGT PENETRATOR		72		\$12,500	173	200,000 00	\$24,184	97		\$13,400			
				P-1 ITE		PAGE							
				14		18				EXHIBIT P-5			

		· · · · · · · · · · · · · · · · · · ·	AMMU	NITION CO	ST ANAL	YSIS	(DOLLARS II	N THOUSANI	DS)				
APPROPRIATION AND P-1 LINE ITEM PAAF/MUNITIONS AND RELATED EC	M DUIPMEN	——— ІТ	GENERAL	PURPOSE	BOMBS				DATE:				
	IDENT		OTY:	ТТ	FY99	OIV:		EVÕÕ	0.77	FEBRUARY			
	CODE			IATOL			TOTAL			TOTAL			
5. JOINT PROGRAMMABLE FUZE HARDWARE FMU-152/B FUZE SUBTOTAL PRODUCTION SUPPORT ECO/ECP SYSTEM ENG/PROG/MGT DATA CONTRACTOR SUPPORT FIRST ARTICLE ACCEPTANCE TEST SUBTOTAL NONRECURRING TOOLING/TEST EQUIPMENT LIFE CYCLE TEST SET SUBTOTAL GOYT FURNISHED MATERIAL CONTAINERS TOTAL JOINT PROGRAMMABLE FUZE 6. MXU-650/B AIRFOIL GROUP HARDWARE MXU-650B/ (F763) TOTAL MXU-650	IDENT	620 620	QTY: UNIT COST \$2,514.67	\$1,559 \$1,559 \$1,559 \$743 \$120 \$22 \$800 \$995 \$2,680 \$1,412 \$1,412 \$88 \$5,739	FY99 QTY 4373	QTY: UNIT COST. \$2,104.02	\$9,201 \$9,201 \$523 \$320 \$6 \$800 \$630 \$2,279	FY00 QTY 2850	QTY: UNIT COST \$2,468.07	\$7,034 \$7,034 \$7,034 \$220 \$28 \$800 \$0 \$1,442 \$500 \$500 \$88 \$9,064	3271 3271 1,500	QTY: UNIT COST \$2,357.01	\$7,710 \$7,710 \$453 \$323 \$6 \$750 \$0 \$1,532 \$100 \$100 \$88 \$9,430 \$5,899
						·							
				P-1 ITEN 14	M NO.	PAGE / 9	NU.			EXHIBIT P-5 PAGE 3 OF 5	i		

			AMMU	NITION CO	OST ANAL	YSIS	(DOLLARS I	N THOUSAN	DS)				
APPROPRIATION AND P-1 LINE I			GENERAL	PURPOSE	BOMBS		·		DATE:		~		
PAAF/MUNITIONS AND RELATED	EQUIPMEN								ŀ	FEBRUARY	1999		
ELEMENT OF COST	IDENT	FY98	QTY:		FY99	QTY:		FY00	QTY:		FY01	QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
7. BSU-33 CONICAL FIN ASSY													
(F782)			1		į							1	
LOAD ASSEMBLE AND PACK								62291	* B4.30	#r 050	24050		
SUBTOTAL					ľ			02291	\$81.20	\$5,058 \$5,058	61259	\$82.58	\$5,059 \$5,059
PRODUCTION SUPPORT					ļ								
QUALITY ASSURANCE						1							
INTERIM TRANSPORTATION	1		1						Ì	\$13			\$12
INDUSTRIAL STOCK SUPPORT	1		1							\$3			\$3
									}	\$ 76			\$76
SUBTOTAL						,				\$92			\$91
TOTAL								62291	\$82.68 3	\$ 5,150	61259	\$84.07	\$5,150
NAVY ENGINEERING SUPPORT		·								\$150			\$ 150
TOTAL BSU-33 CONICAL FIN ~						1						1	
TOTAL BSU-33 CONICAL FIR &								62291		\$5,300			\$5,300
			1										
									:				
			}										
	<u>-</u>			P-1 ITE	EM NO.	PAGE	NO.		l	EXHIBIT P-5			
				14		20		1		PAGE 4 OF 5	i		

			AMMU	MITION C	OST ANAL	YSIS	(DOLLARS	IN THOUSAN	DS)				
APPROPRIATION AND P-1 LINE ITE PAAF/MUNITIONS AND RELATED E	M		GENERAL	PURPOS	E BOMBS				DATE:	-			
ELEMENT OF COST									DAIL.	FEBRUARY	1000		
	IDENT	FY98		0	FY99	QTY:	0	FY00	QTY:	16318	FY01	OTV	
8. ITEMS LESS THAN \$5 MILLION	CODE	OIA	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	QTY:	
TOO WAY TO MILE LON			1							101/1	QII	UNIT COST	TOTAL
A. MK-84 2000 LB FIN ASSY (F607)	٨							16318		\$ 5			
B. BLU-113A/B WARHEAD	Α			!	39		\$1,811	73		\$4,244			
C. FMU-143/B FUZES (F799, F800, F801)	^					 	\$112			\$273			
D. INERT BLU-113A/B (E989)	٨							8		\$450			
E. FMU-143B (D-2)/B(EA32)	A									\$450	26		•
. INERT BLU-109 (F034)	A							145		\$1,169	20		\$: \$4!
G. UNIVERSAL WING ACTUATOR TOOL	٨							29		\$47			φ4;
OTAL ITEMS LESS THAN \$5M				\$168			\$3,074			\$ 6,188			
OTAL P-1 LINE ITEM				* 49.407		·				\$0,100			\$53
				\$18,407			\$48,196	1		\$40,553			\$51,12
								İ					
						ĺ							
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		l											
-				P-1 ITE	M NO.	PAGE N	10.		<u></u>	XHIBIT P-5			
				14		21	1			AGE 5 OF 5			

			<u>JNCLASSI</u>	FIED								
В	UDGET PROCU	JREMENT H	STORY PLA	MNING(P-5A)			DATE FEBRU	JARY 199	9		
B. APPROPRIATION/BUDGET A	CTIVITY			C. P-1 ITE	EM NOMENO	CLATURE		L		• • • • • • • • • • • • • • • • • • • •		
	ONS AND RELATED	EQUIPMENT		GENERAL PURPOSE BOMBS								
LINE ITEM/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES WHEN AVAIL		
1. MK-83 1000 LB BOMB (E509)									[
FY 2001	MCAAP# (MCALESTER, OK) UNKNOWN	SS/FP@	ARMY/IOC (AFMC/OO-ALC)	JAN 01	SEP 02	2066	1099.00	YES	NO			
2. MK-84 2000 LB BOMB (F275)												
FY 1999	МСААР/UNKNOWN	SS/FP@	ARMY/IOC (AFMC/00-ALC)	FEB 99	SEP 00	2400	781.81	YES	NO			
FY 2000	MCAAP/UNKNOWN	SS/FP@	ARMY/IOC (AFMC/OO-ALC)	00 MAL	SEP 01	1989	956.73	YES	NO			
FY 2001	MCAAP/UNKNOWN	SS/FP@	ARMY/IOC (AFMC/OO-ALC)	JAN 01	SEP 02	4581	970.96	YES	NO			
3. BLU-109 BOMB (F140)												
FY 2001	MCAAP/UNKNOWN	SS/FP@	ARMY/IOC (AFMC/OO-ALC)	JAN 01	SEP 02	998	1781.35	YES	NO			
4. GBU-28 HARD TARGET												
A. WGU 36A/B GUIDANCE/CONT'L UNIT												
FY 1998 ENHANCED VERSION	RAYTHEON TI (DALLAS, TX)	SS/FP	AFMC/OO-ALC	MAY 98	JAN 00	72	63575.00					
FY1999 ENHANCED VERSION	RAYTHEON TI	SS/FP	AFMC/OO-ALC	MAR 99	SEP 00	173	63575.00	YES	МО			
FY2000 ENHANCED VERSION	RAYTHEON TI	SS/FP	AFMC/OO-ALC	MAR 00	SEP 01	97	64655.76	YES	NO			
B. BSG 92/B AIRFOIL GROUP												
FY 1998 ENHANCED VERSION	RAYTHEON TI	SS/FP	AFMC/OO-ALC	MAY 98	JAN 00	72	7932.00					
FY1999 ENHANCED VERSION	RAYTHEON TI	SS/FP	AFMC/OO-ALC	MAR 99	SEP 00	173	7932.00	YES	NO			

D. REMARKS # MCALESTER ARMY AMMUNITION PLANT (MCAAP) IS THE LOAD ASSEMBLE ANI @ SS/FP IS FOR LAP ONLY	PACK (LAP) FACIL	ІТУ—ВОМВ ВС	DDY PRODUCTION CONTRACTOR IS UNKNOWN AT THIS TIME.
	P-1 SHOPP LIST ITEM NO.	PAGE NO.	Exhibit P-5A
	14	22	

	BUDGET PROCU	REMENT HI	STORY PLA	NNING(I	P-5A)			DATE FEBRU	JARY 199	9
B. APPROPRIATION/BUDGET	ACTIVITY IONS AND RELATED I	FOLIEMENT		C. P-1 ITE	EM NOMENO	CLATURE GENERAL PU	IDDOSE DOM	ADC		
LINE ITEM/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
4. GBU-28 BSG 92/B CONT'D	ı	I	I	1	1	1 1	· -	1 1	1	1
FY2000 ENHANCED VERSION	RAYTHEON TI	SS/FP	AFMC/OO-ALC	MAR 00	SEP 01	97	8066.84	YES	NO	
C. BLU 113A/B WARHEAD										
FY1998	NATIONAL FORCE IRVINE, PA	C/FP	AFMC/OO-ALC	MAY 98	MAR 99	72	46380.00			
FY1999 EMPTY CASE	UNKNOWN	C/FP	AFMC/OO-ALC	MAR 99	JAN 00	173	46380.00	YES	NO	
FY2000 EMPTY CASE	UNKNOWN	C/FP	AFMC/OO-ALC	MAR 00	JAN 01	97	47168.46	YES	МО	
D. FMU 143F, G, & H FUZES										
FY1998 F/B	DAYRON ORLANDO, FL	SS/FP	ARMY/IOC	MAR 98	SEP 99	14	3313.80			
G/B	DAYRON	SS/FP	AFMC/OO-ALC ARMY/IOC AFMC/OO-ALC	MAR 98	SEP 99	44	2230.12 3615.20			
H/B	DAYRON	SS/FP	ARMY/IOC AFMC/OO-ALC	MAR 98	SEP 99	44	3615,20			
FY1999 F/B	DAYRON	SS/FP	ARMY/IOC AFMC/000ALC	MAR 99	SEP 00	26	3227.47	YES	ИО	
G/B	DAYRON	SS/FP	ARMY/IOC AFMC/OO-ALC	MAR 99	SEP 00	90	2165.60	YES	NO	
H/B	DAYRON	SS/FP	ARMY/IOC AFMC/OO-ALC	MAR 99	SEP 00	88	3509.33	YES	NO	
FY2000 F/B	DAYRON	SS/FP	ARMY/IOC AFMC/OO-ALC	MAR 00	SEP 01	16	3272.09	YES	МО	
G/B	DAYRON	SS/FP	ARMY/IOC AFMC/OO-ALC	MAR 00	SEP 01	56	2202.42	YES	ИО	
·· Н/В	DAYRON	SS/FP	ARMY/IOC AFMC/OO-ALC	MAR 00	SEP 01	54	3568.99	YES	NO	
5. JOINT PROGRAMMABLE FUZE										
FY 1998	DAYRON	C/FPIF	AFMC/AAC	JUN 98	MAR 00	620	2514.67			
FY1999	DAYRON	C/FP (OPTION)	AFMC/AAC	. JUL 99	AUG 00	4373	2104.02	YES	МО	
FY2000	DAYRON	C/FP (OPTION)	AFMC/AAC	JUL 00	AUG 01	2850	2468.07	YES	МО	
D. REMARKS # MCALESTER ARMY AMMU @ SS/FP IS FOR LAP ONLY	 NITION PLANT (MCAAP) IS TH	E LOAD ASSEMBLE	AND PACK (LAP) FAC	 CILITY—BOMB	BODY PRODUCT	ION CONTRACTO	R IS UNKNOWN A	T THIS TIME	Ē.	
G GOAT TO T OIL LAF OILE			P-1 SHOPP LIST	PAGE NO	.		Exhibit P-5A	·		
			ITEM NO.	23						

	KEWENI MI	STORY PLA	MNING(I	P-5A)			DATE FEBRU	JARY 199	9
			C. P-1 ITE						
							1BS		
CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
DAYRON	C/FP (OPTION)	AFMC/AAC	JUL 01	AUG 02	3271	2357.01	YES	NO	ļ
RAYTHEON TI LEWISVILLE, TX	SS/FP	AFMC/OO-ALC	MAR 01	SEP 02	1500	3932.99	YES	NO	
UNKNOWN	C/FP	ARMY/IOC	MAR 00	MAR 01	62291	81.20	YES	МО	
UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 01	MAR 02	61259	82.58	YES	Ю	
,									
	CONTRACTOR/ LOCATION DAYRON RAYTHEON TI LEWISVILLE, TX	ONS AND RELATED EQUIPMENT CONTRACTOR/ LOCATION DAYRON C/FP (OPTION) RAYTHEON TI LEWISVILLE, TX C/FP C/FP	CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE DAYRON C/FP (OPTION) AFMC/AAC AFMC/OO-ALC UNKNOWN C/FP ARMY/IOC (AFMC/OO-ALC) ARMY/IOC ARMY/IOC	ONS AND RELATED EQUIPMENT CONTRACTOR/ LOCATION CONTRACT METHOD 8 TYPE DAYRON C/FP (OPTION) RAYTHEON TI LEWISVILLE, TX C/FP ARMY/IOC (AFMC/OO-ALC) ARMY/IOC MAR 00 MAR 01	ONS AND RELATED EQUIPMENT CONTRACTOR/ LOCATION METHOD & TYPE CONTRACTED BY AWARD DATE OF FIRST DELIVERY DAYRON C/FP (OPTION) AFMC/AAC JUL 01 AUG 02 AFMC/OO-ALC UNKNOWN C/FP ARMY/IOC (AFMC/OO-ALC) ARMY/IOC ARMY/IOC ARMY/IOC MAR 01 MAR 02	CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE CONTRACTED BY DATE DATE DATE DATE DATE DATE DELIVERY DATE DELIVERY DATE DELIVERY DELIV	ONS AND RELATED EQUIPMENT CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE CONTRACTED BY DATE DATE DATE DATE DATE DATE DATE DAT	C. P-1 ITEM NOMENCLATURE GENERAL PURPOSE BOMBS CONTRACTOR/ LOCATION CONTRACT METHOD ATYPE CONTRACTED BY DATE FIRST DELIVERY DATE COST AVAIL NOW COST AVAIL NOW COST AVAIL NOW COST AVAIL NOW COST AVAIL NOW COST AVAIL NOW AFMC/AAC JUL 01 AUG 02 3271 2357.01 YES AFMC/OO-ALC MAR 01 SEP 02 1500 3932.99 YES UNIKNOWN C/FP ARMY/IOC (AFMC/OO-ALC) ARMY/IOC MAR 00 MAR 01 MAR 02 61259 82.58 YES	C. P-1 ITEM NOMENCLATURE GENERAL PURPOSE BOMBS CONTRACTOR/ LOCATION CONTRACT BY DATE DATE DATE FIRST DELIVERY DATE DATE DATE FIRST DELIVERY DATE DATE DATE DATE DATE FIRST DELIVERY DELIVERY DATE DATE DATE DATE FIRST DELIVERY DATE DATE FIRST DELIVERY DATE NOW REQ'D AFMC/OO-ALC MAR 01 DATE OF FIRST DELIVERY DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D AFMC/OO-ALC MAR 01 DATE OF FIRST DELIVERY DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D NO DATE AVAIL NOW REQ'D

D. REMARKS # MCALESTER ARMY AMMUNITION PLANT (MCAAP) IS THE LOAD ASSEMBLE AND @ SS/FP IS FOR LAP ONLY	PACK (LAP) FACIL	ІТУ—ВОМВ ВО	DDY PRODUCTION CONTRACTOR IS UNKNOWN AT THIS TIME.
	P•1 SHOPP LIST ITEM NO. 14	PAGE NO.	Exhibit P-5A

	BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										
	ONS/BUDGET ACTIV				P-1 ITEM NOMEN SENSOR FUZED	FEBRUARY 199					
	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005			
QUANTITY	550	397	203	300	300	300	300	300			
COST (\$M)	\$148.621	\$125.083	\$61.334	\$101.508	\$87.538	\$87.372	\$86.415	\$84.400			

IREMARKS

- 1. THE SENSOR FUZED WEAPON (CBU-97) IS A CLUSTER MUNITION DESIGNED FOR USE AGAINST LAND COMBAT VEHICLES. THE MUNITION IS COMPRISED OF A TACTICAL MUNITIONS DISPENSER (TMD) CONTAINING 10 BLU-108 SUBMUNITIONS. EACH SUBMUNITION CONTAINS 4 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 IS EJECTED, THE ROCKET MOTOR IS FIRED TO LAUNCH THE WARHEADS. THE WARHEADS ARE THEN RELEASED IN A HORIZONTAL TRAJECTORY AND ARE TARGET ACTIVATED 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 (DAB) APPROVED LOW RATE INITIAL PRODUCTION IN MARCH 1992 AND DIRECTED FOUR YEARS OF LOW RATE PRODUCTION. FULL RATE PRODUCTION (FRP) WAS APPROVED IN JUNE 1996 WITH MILESTONE III IN THE ACQUISITION DECISION MEMORANDUM (DATED 14 JUNE 1996). THE FIRST FRP WAS AWARDED 17 JUNE 1996; FRP 2 WAS AWARDED IN FEBRUARY 1997; FRP 3 WAS AWARDED 11 FEBRUARY 1998; FRP 4 IS SCHEDULED IN FEBRUARY 1999.
- 4. REVISED ACQUISTION STRATEGY TO PROCURE ONLY BASELINE SFW UNITS THROUGH FY 2000 AND SFW PRE PLANNED PRODUCT IMPROVEMENT (P3I) UNITS TO COMPLETE.

P-	1 PAGE NO.	
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LIST I	TEM	
21	25	

				AMMUNU	TION COS	ST ANALYS	SIS (DOLLA	DC INITU	OUGANDO				
					1311 601	J. AIMEL	ara (DOPP)	NEO IN 111	OOSVINDS)				
APPROPRIATION AND P-1 LINE ITEM PAAF/MUNITIONS AND RELATED EQUIPM	ENT			SENSOR F	UZED WE	EA DON		DATE	FEBRUAR	Y 1999		· · · · · · · · · · · · · · · · · · ·	
ELEMENT OF COST		FY 98	QTY:		FY 99		207						
	CODE		UNIT COST	TOTAL		QTY: UNIT COST		FY00	QTY:		FY01	QTY:	· · · · · · · · · · · · · · · · · · ·
	CODE	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ONLI COST	TOTAL	QIY	ONIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE - RECURRRING													
CBU-97/B	٨	550	\$235	\$129,265	* 397	\$279	\$110,808	* 203	\$256	\$51,888	300	\$296	\$88,774
ENGINEERING CHANGE ORDERS]			\$2,486			\$1,419			\$1,161		\$2,0	\$2,205
GOVERNMENT FURNISHED EQUIPMENT				\$()		!	\$2,288			\$0			\$1,921
SUBTOTAL		550		\$131,751	397		\$114,515	202		# F 7 0 4 0			
		230		Ψ131,731	371		\$114,515	203		\$53,049	300	\$310	\$92,900
NONRECURRRING/ANCILLARY EQUIPMI	<u>NT</u>											1	
TOOLING AND TEST EQUIPMENT				\$13,980			\$6,877			\$5,633			\$5,626
PRODUCTION AND SUPPORT COST											Ì		,
TEST SUPPORT (LOT ACCEPTANCE TEST/Q	I I A I A			\$1,000			61.012				<u> </u>		
PROG MGMT ADMIN (PMA)	i i			\$1,000			\$1,013 \$2,651			\$773			\$780
				Ψ1,017			52,051			\$1,852			\$2,168
SUBTOTAL				\$2,844			\$3,664			\$2,625		-	\$2,948
TOTAL FLYAWAY COST			\$270	#140 ETE		6315						ŀ	
TOTAL PERAVAT COST			\$270	\$148,575		\$315.	\$125,056		\$302	\$61,307		\$338	\$101,474
OTHER SUPPORT COSTS)												
DATA	_			\$46			\$27			\$27			\$34
İ													
TOTAL P-1 LINE ITEM			\$270	\$148,621		\$315	\$125,083	-	\$302	\$61,334		6120	#101 F00
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Ψ515	Ψ125,005		\$302	ΦU1,334		\$338	\$101,508
* TO MEET THE CONTRACTOR'S MINIMUM SUSTAINME	NT RATE	300 UNIT	S WILL BE	P-1 ITEM N	O.	PAGI	E NO.		Exhibit P-5			<u> </u>	L
PROCURED IN FY99 AND THE REMAINING 97 UNITS WIL	L BE INC	LUDED IN	THE FY00										
BUY FOR A TOTAL OF 300 UNITS. INCREASE IN UNIT	COST IN	FY01 IS A	RESULT OF	21		26							
P3I PRODUCTION CUT-IN.						. •			Page 1 of 1				

	DUDGET S	200115=11=		ICLASSIF				,		
	BUDGET PI	ROCUREME	NT HISTORY PLA	ANNING (P-	5A)			A. DATE		
D. ADDDODDIATION/DUDG	NET ACTUUTO			· · · · · · · · · · · · · · · · · · ·				FEBRUA	RY 1999	
B. APPROPRIATION/BUDG				C. P-1 NON	MENCLATURE					
PAAF/MUNITIONS AND R					SENSOR FUZ	ZED WEAPON	1			
LINE ITEM/	CONTRACTOR	CONTRACT	CONTRACTED	AWARD	DATE OF	QUANTITY	UNIT	SPECS	SPEC	IF YES
FISCAL YEAR	LOCATION	METHOD	BY	DATE	FIRST		COST	AVAIL	REV	WHEN
		& TYPE			DELIVERY		(\$K)	NOW	REQ'D	
SENSOR FUZED WEAPON										
	TEXTRON SYSTEMS									
	CORP (TSC)									
FY 1998	TSC	SS/FPIF	AFMC/ASC	Feb 98	Jun 99	550	235			
FY 1999	TSC	SS/FPIF	AFMC/AAC	Feb 99	Jun 00	397	279	YES	NO	
FY 2000	TSC	SS/FPIF	AFMC/AAC	Feb 00	Jun 01	203	256	YES	NO	·
FY 2001	TSC	SS/FPIF	AFMC/AAC	Feb 01	Jun 02	300	296	YES	NO	
D. REMARKS										
TEXTRON SYSTEMS DIVISION MONITORING.	IS LOCATED IN WILMING	STON, MA. THE	E LRIP/FPIF CONTRA	ACIS ARE FP	I WHICH WILL E	NCOURAGE L	OWER COST A	AND AGGRE	SSIVE CO	ST
TO MEET THE CONTRAC INCLUDED IN THE FY00 (CTOR' S MINIMUM SU BUY FOR A TOTAL O	JSTAINMENT F 300 UNITS	RATE 300 UNIT	S WILL BE I UNIT COST	PROCURED IN FY01 IS A	FY99 AND T ARESULT O	HE REMAIN F P3I PROD	ING 97 UN UCTION C	IITS WILI UT-IN.	L BE
			P-1 SHOPP LIST ITEM NO. 21	PAGE NO. 27		EXHIBIT	P-5A			

FY00/01 BUDGET	PRO	DUCTIO	N SCHE	DULE								P-	1 ITI	ΞМΙ	NON	EN	CLA	TUF	RE:	SEN	ISOF	R FL	JZE) W	EAP	ON						DA	TE:	FEI	BRU	JARY	199	9			Γ
ITEM/MFG	s																															<u> </u>									i
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FY00/01 BUDGET	PROD	UCTION	SCHE	DULE	<u> </u>							P-	ITE	M	10M	ENC	LA	TUR	E: \$	SEN	SOR	FU	ZED) WE	EAP	NC						D,	ATE	:FE	BRU	ARY	199	99		7	Γ
ITEM/MFG	s																															. <u>. </u>									L
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YEAR	R	ΩΤΥ	PRIOR		1	01	-					CALE											C	ALE	NDAI	RYE	AR 0	13	ــــــــــــــــــــــــــــــــــــــ	_				CA	LEN	DAD.	YEAF	2 04			E
	V.		1-Oc	1-Oc	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	ИΟЛ	DEC	JAN	FE8	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	R
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		BUDGE			ATION			DA						
			(EXHIBI	ΓP-40)				DIRECT ATTACK MUNITION 2003						
	CEXHIBIT P-40 FEBRUARY 1 SAND RELATED EQUIPMENT P-1 ITEM NOMENCLATURE JOINT DIRECT ATTACK MUNITION PRIOR FY1998 FY1999 FY2000 FY2001 FY2002 FY2003 FY2004 FY2005 COM PRIOR													
PAAF/MUNITIONS	C N/A \$0.024 \$0.026 \$0.023 \$0.021													
	i .	FY1998	FY1999	FY2000	FY2001					TOTAL				
	 					ļ				FEBRUARY 1999 JNITION FY2005 COMPLETE 7848 4214 \$166.752 \$93.549 \$0 \$166.752 \$93.549 \$0.019 \$0.019 \$0.021 \$0.021 ABILITY IN ADVERSE WEATHER A CONFLICT ON ITS TERMS. HESE SHORTFALLS, WITH THE GIME-BALLS AND MK-8-8-1-8-1-8-1-8-1-8-1-8-1-8-1-8-1-8-1-				
QUANTITY	·				10404	9908	9803	10039	7848	62000				
GROSS COST (\$M)						\$211.701	\$205.476	\$210.276		\$1362.362				
NITIAL SPARES (\$M)						\$0	\$0		\$0					
TOTAL (\$M)						\$211.701	\$205.476		\$1362.362					
FLYAWAY UNIT COST (\$M)	N/A	\$0.019	\$0.020	\$0.021	\$0.021	\$0.019	\$0.019	\$0.019			\$0.020			
WPN SYS PROC JNIT COST (\$M)	N/A	\$0.024	\$0.026	\$0.023	\$0.023	\$0.021	\$0.021	\$0.021	\$0.021	\$.022	\$0.022			
JDAM WILL PROVIDE B-52, B-2, B-1B AND	E AN ACCUR F/A-18C/D A FOR JDAM IS THE PROGR	RATE (13 M NRCRAFT. S 87,496 U NAM HAS A	INCE KIT C IETERS), A FOLLOW- NITS (62,00 20 YEAR V	ONSISTING DVERSE W ON INTEGE 00 FOR THE WARRANTY	GOF A GLO EATHER C RATION WIL EAIR FORC	BAL POSI APABILITY I BE ON T	\$60 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0							
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APPROPRIATION AND P-1 LINE ITEM PAAF/MUNITIONS AND RELATED EQUIPME	-NT		IOINT DID	CCT ATTAC		ion.			DATE				······································
ELEMENT OF COST	IDENT	FY 98	QTY:	ECT ATTAC	FY 99					FEBRUARY			
	CODE	QTY	UNIT COST	TOTAL	QIY	Q1Y: UNIT COST	1782	FY00	QTY:		FY01	QTY:	10404
	1 2 2 2 2	<u> </u>	01117 0001	TOTAL	QII	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
FLYAWAY COST										٠.			
HARDWARE-RECURRING				ľ									
AIRFRAME	Α	1655	\$18	\$30,039	1782	\$ 19	\$34,146	5410	\$20	\$107,674	10404	***	****
ENGINEERING CHANGE ORDERS				\$857			\$1,001	0470	\$20	\$3,156	10404	\$21	\$214,49 \$6,42
SUBTOTAL				\$30,896			\$35,147			\$110,830			\$220,91
NONRECURRING													
CONTRACTOR INCENTIVE	1 1			\$881								,	1
				3001			\$334			\$1,052			\$2,14
SUBTOTAL				\$881			\$334			\$1,052			\$2,14
FOTAL FLYAWAY COST			\$ 19	\$31,777		\$20	\$35,481		\$21	\$111,882		\$21	\$223,05
SUPPORT COST													[
TEST EQUIPMENT (CMBRE)				****				i					
AIRBORNE TEST EQUIPMENT				\$988 \$2,157			\$908			\$885			\$1,92
DATA				\$2,157			\$3,828			\$3,976			\$4,13
PROGRAM MANAGEMENT ADMIN	1 1			\$295			\$7 \$955			\$9			\$1
ALTERNATE DISPUTE RESOLUTION				\$50			\$50			\$2,786			\$2,83
SYSTEMS TEST & EVAL	1 1			\$0			\$709			\$50			\$5
TRAINING	1 1			\$50			\$53			\$1,990			\$4,86
PRODUCTION SUPPORT		٠.		\$3,589			\$4,000			\$131 \$3,895			\$3,95
SUBTOTAL	1 1			\$7,131			\$10,510			\$13,723			\$17,75
ARCRAFT FLIGHT CERTIFICATION ITEMS				İ		İ	1	- 1		ŀ			
JDAM TEST UNITS	1 1			\$281						l			
SUBTOTAL				\$281		l							
TOTAL P-1 LINE ITEM			\$24	\$ 39,189		\$26	\$45,991	İ	\$23				
						525	\$43,331		\$23	\$125,605		\$23	\$240,813
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	·			EXHIBIT P-5	J							E NO. 1	

В	JDGET PROCURE	MENT HIS	TORY PLAN	INING (F	P-5A)			A. DAT FEE	E BRUARY	1999
B. APPROPRIATION/BUDGET AC	CTIVITY			C. P-1 ITI	EM NOMEN	CLATURE				
PAAF/MUNITIC	ONS AND RELATED EC	QUIPMENT					ATTACK MUI	NOITIN		
LINE ITEM/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
			· · · · · · · · · · · · · · · · · · ·							
Joint Direct Attack Munition										
FY 1998	BOEING@	SS/FFP (OPTION)	AFMC/AAC	JUN 98	JUL 99	1655	18,314	N/A	N/A	1
FY 1999	BOEING	SS/FFP	AFMC/AAC	JUN 99	JUL 00	1782	19,162	N/A	N/A	
FY 2000	BOEING	SS/FFP	AFMC/AAC	JUN 00	JUL 01	5410	19,903	N/A	N/A	
FY 2001	BOEING	SS/FFP	AFMC/AAC	JUN 01	JUL 02	10404	20,616	N/A	N/A	

D. REMARKS * SPECIFICATIONS HAVE BEEN WAIVED DUE TO JDAM'S STATUS AS AN ACQUISITION REFORM I @ BOEING (FORMERLY MC DONNELL DOUGLAS) IS LOCATED IN ST LOUIS, MO. FY98 CONTRACT IS AN OPTION TO THE FY96 RESEARCH AND DEVELOPMENT (R&D) CONTRACT			
	P-1 SHOPP LIST ITEM NO. 22	PAGE NO. ゴス	Exhibit P-5A

AF FORM 1537 (THEN YEAR DOLLARS)	- LUEAROU A	VATEL		001177407							
WEAPON SYSTEM BUDGET ESTIMATE (DOLLARS IN MILLIONS)	WEAPON S	YSTEM:		CONTRACT BOEING	OR:		AS OF DATI		APPN: 301	1	
CATEGORY TYS	EQUIP:			REPORT CO	WEBSI SV	1001	FEBRUARY		l		
IOO PB	EQUIP:			REPURT CO	MIROL ST	MBOL:	PREPARED	BY:			
PE: 27583F BPAC: 353620							AAC/YU				
DESCRIPTION	FY97	FY98	FY99	FY00	FY01	FY02	FY03	FY04	FY05	FY06	TOTAL
QUANTITY OF AURS	937	1655	1782		10404	9908		10039	7848	4214	62000
RECURRING HARDWARE	16.56	30.04	34.15	107.67	214.49	184.39	180.42	184.40	145.37	78.67	1176.15
ECO	0.01	0.86	1.00		6.42	5.39		5.38	4.24	2.30	34.04
CONTRACTOR INCENTIVE	0.81	0.88	0.33		2.14	1.80		1.79	1.41	0.77	12.75
FLYAWAY COST	17.38	31.78	35.48		223.06	191.58		191.57	151.02	81.74	1222.94
TEST EQUIPMENT (CMBRE)	0.00	0.99	0.91	0.89	1.92	1.89	0.00	0.00	0.00	0.00	6.60
AIRBORNE TEST EQUIPMENT	2.44	2.16	3.83	3 98	4.13	4.29	4.44	4.60	4.75	4.91	39.52
DATA	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.07
PROGRAM MANAGEMENT/ADMIN REQ	0.22	0.29	0.95	2.78	2.84	2.88	2.95	3.02	3.09	3.14	22.16
SYSTEMS TEST & EVALUATION	0.22	0.00	0.71	2.00	4.86	6.73	6.54	6.65	3.76	2.13	33.60
TRAINING	0.06	0.05	0.05	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.29
PRODUCTION SUPPORT	2.64	3.59	4.00	3.89	3.95	4.12	4.04	4.23	4.07	1.58	36.11
JDAM TEST UNITS	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28
ALTERNATE DISPUTE RESOLUTION	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.50
WEAPON SYSTEMS COST	23.01	39.19	45.99	125.61	240.81	211.55	205.48	210.13	166.75	93.55	1362.07
FLIGHT CERTIFICATION TEST UNIT	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.15	0.00	0.00	0.29
INITIAL SPARES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PROCUREMENT COST	.23.01	39.19	45.99	125.61	240.81	211.70	205.48	210.28		93.55	1362.36
TOTAL PROGRAM (TY\$)	23.01	39.19	45.99	125.61	240.81	211.70	205.48	210.28	166.75	93.55	1362.36
APPROVED PROGRAM (TY\$)	23.01	39.19	45.99	125.61	240.81	211.70	205.48	210.28	166.75	93.55	1362.36

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BOEING FY 2000	AF	5,410	. 0	5,410																_					С	1.00	100	2.10	100	130	00	210	100	210	91	1114	239			- -
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BOEING FY2002	AF	9,908	0	9,908																-			\vdash	1			<u> </u>	\vdash	_	┢┈	-	-	-	╁	╁	╁	C_	_		10
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ITEM/MFG	S	PROC	ACCPT	BAL					FISC	AL YE	AR 0	2					,				FISC	AL Y	EAR	03									FISC	AL Y	EAR (04					t. A
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BOEING FY 1998	AF	1,655	1,655	0																<u> </u>															Γ						
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BOEING FY 2000	AF	5,410	532	4,878	324	324	346	431	602	644	693	734	780																												
BOEING FY 2001	AF	10,404	0	10,404]							579	894	932	936	934	930	930	928	928	831	630	952															_	
BOEING FY2002	AF	9,908	0	9,908									С												Γ	240	890	890	736	890	890	892	894	896	896	896	898				
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TOTAL AF		57.786	4.906	52,880	324	324	346	431	602	644	693	734	780	579	894	932	936	934	930	930	928	928	831	630	052	240	800	800	726	900	900	802	904	-	200	1000	200		222		0047
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BOEING FY 2000	AF	5,410	5,410	0																							-	-	\dashv				+	- -		+-	┼─	_	
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	BUD	GET ITEM JU (EXHIBIT	ISTIFICATION P-40)			DATE	FEBRUARY 1999)
	IS/BUDGET ACTIV S AND RELATED E		P-1 ITEM NOM WIND CORRE			SER (WCMD)		
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
QUANTITY	280	676	2,922	6,224	6,752	7,738	7,679	6,763
COST (In Millions)	\$11.841	\$13.816	\$48.875	\$99.181	\$106.517	\$79.035	\$78.625	\$70.826

- 1. THE WCMD GUIDANCE KIT WILL PROVIDE INERTIAL NAVIGATION TO CORRECT FOR THE EFFECTS OF WIND 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 SIMULTANEOUSLY MAJOR THEATER WARS (MTW). THE PILOT PRODUCTION ENGINEERING AND MANUFACTURING DEVELOPMENT (EMD) CONTRACT AWARDED TO LOCKHEED-MARTIN INCLUDES OPTIONS FOR TWO LOW RATE INITIAL PRODUCTIONS AND A PRODUCTION PRICE COMMITMENT AGREEMENT FOR FULL RATE PRODUCTION. THE FIRST LOW RATE INITIAL PRODUCTION (LRIP) OPTION WAS EXERCISED IN AUGUST 1998. EXPENDABLE TEST UNITS NOT INCLUDED IN ABOVE QUANTITIES: 25 IN FY98 AND 17 IN EACH YEAR FROM FY99-FY05.
- 2. SEEK EAGLE FUNDS ARE INCLUDED IN FY98 (\$4.012) AND FY04 (\$.136), FOR A TOTAL BUY OF 282 UNITS. THE RDT&E EFFORT IS FUNDED IN PE 64600F AND COMPLETES IN FY99 WHICH DEVELOPS AN INERTIAL GUIDANCE TAIL KIT FOR THE CBU-87, CBU-89, AND THE CBU-97 DISPENSER. THE FY00 PROGRAM BEGINS FULL RATE PRODUCTION.

P-1	PAGE NO.	
SHOPP		
LIST ITEM NO		
23	37	•

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APPROPRIATION AND P-1 LINE ITEM PAAF/MUNITIONS AND RELATED EQUIP	MENT		WIND COR	RECTED MU	INITIONS	DISPENSE	R (WCMD)	DATE FEBRUARY	1999				
	IDENT	FY98	QTY:	280	FY99	QTY:	676	FY00	QTY	2,922	FY01	QTY:	6,224
ELEMENT OF COST	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE WCMD KITS ECO	A	280	\$14.728	\$4,124 \$451	676	\$13.688	\$9,253 \$74	2922	\$13.878	\$40,551 \$1,123	6,224	\$13.892	\$86,466 \$1,675
SUBTOTAL				\$4,575			\$9,327			\$41,674			\$88,141
PRODUCTION SUPPORT DATA SYSTEM TEST PROG MGMT ADMIN OTHER WEAPON COSTS (CMBRE, LOAD TRAINERS, AFMSS FIELD INSTALLATION)				\$4 \$599 \$3 \$2,648			\$4 \$889 \$931 \$2,665			\$3 \$1,524 \$3,122 \$2,444			\$2 \$1,755 \$4,128 \$4,495
SUBTOTAL				\$3,254			\$4,489			\$7,093			\$10,380
NONRECURRING HARDWARE				\$0			\$0			\$108			\$660
TOTAL WCMD			÷	\$7,829			\$13,816			\$48,875			\$99,181
A/C FLIGHT CERTIFICATION ITEMS WCMD KITS ECO				\$4,012 \$0	•								
TOTAL SEEK EAGLE				\$4,012									
TOTAL P-1 LINE ITEM		280	\$42.289	\$11,841	676	\$20.437	\$13,816	2922	\$16.727	\$48,875	6,224	\$15.935	\$ 99,181
			P-1 ITE	EM NO.	Page I	No. ,			EXHIBIT P-5 PAGE 1 OF	1			

	BUDGET PRO	CUREMENT	HISTORY PLAN	INING (P-	5A)			A. DATE		
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B. APPROPRIATION/BUDG				C. P-1 NO	DMENCLATU	RE				
	AND RELATED EQUIPM		,		WIND CORP	RECTED MUN	ITIONS DISPE	ENSER		
LINE ITEM/	CONTRACTOR	CONTRACT	CONTRACTED	AWARD	DATE OF	QUANTITY	UNIT	SPECS	SPEC	IF YES.
FISCAL YEAR	LOCATION	METHOD & TYPE	BY	DATE	FIRST DELIVERY		COST	AVAIL NOW	REV REQ'D	WHEN AVAIL
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FY 1998	LOCKHEED-MARTIN ORLANDO, FL	C/FFP (OPT)	AFMC/ASC	Aug 98	Jun 99	280	14,728			
FY 1999	LOCKHEED-MARTIN	C/FFP (OPT)	AFMC/AAC	Apr 99	Dec 99	676	13,688	-YES	NO	
FY 2000	LOCKHEED-MARTIN	S/FFP *	AFMC/AAC	Jan 00	Nov 00	2922	13,878	YES	NO	
FY 2001	LOCKHEED-MARTIN	S/FFP *	AFMC/AAC	Jan 01	Nov 01	6224	13,892	YES	NO	
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REMARKS THE FY98 AND FY99 OPTIONS AF UNIT COSTS REFLECT COST OF	HARDWARE ONLY.			•			·			
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			P-1 SHOPP LIST ITEM NO. 23	PAGE NO. 39	EXHIBIT P-5A					

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N	ROE N VK VK	ROD RATES N N N	N MAX IK UNK UNK	ROD RATES* REA- N MAX CHD+ NK UNK UNK	10,102 3,496 6,606 382 OCT ROD RATES* REA. N MAX CHD+ UNK UNK INITI	10,102 3,496 6,606 382 613 ROD RATES* REA- N MAX CHD+ IK UNK INITIAL	10,102 3,496 6,606 382 613 533 5 ROD RATES* REA- N MAX CHD+ UNK UNK INITIAL	10,102 3,496 6,606 382 613 533 510 5 ROD RATES* REA. N MAX CHD+ UNK UNK INITIAL	10,102 3,496 6,606 382 613 533 510 510 510 GCT NOV DEC JAN FEB MAINTERS* ROD RATES* REA. N MAX CHD+ JK UNK INITIAL	10,102 3,496 6,606 382 613 533 510 510 510 510 610 OCT NOV DEC JAN FEB MAR APR ROD RATES* REA. PRO N MAX CHD+ ADMI JK UNK INITIAL	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 OCT NOV DEC JAN FEB MAR APR MAY ROD RATES* REA. PROCUR N MAX CHD+ KK UNK INITIAL	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 S10 OCT NOV DEC JAN FEB MAR AFR MAY JUNI ROD RATES* REA. PROCUREMEN N MAX CHD+ N MAX CHD+ N MAX CHD+ N LEAD TIME PR 1 OCT AFT 1 OCT AFT 1 OCT KK UNK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK UNK KK KEORDER KK AAAA KAPR MAY JUNI ADMIN LEAD TIME PR 1 OCT AFT 1 OCT AFT 1 OCT AFT 1 OCT AFT 1 OCT AFT 1 OCT AFT 1 OCT AFT 1 OCT AFT 1 OCT AFT 1 OCT AFT 1 OCT KK UNK KK UK	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 OCT NOV DEC JAN FEB MAR APR MAY JUN JUL ROD RATES* REA. PROCUREMENT LE N MAX CHD+ NK UNK INITIAL K UNK REORDER PRI OCT AFT 1 OCT 4 4 P-1 S	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG ROD RATES* REA- N MAX CHD+ JK UNK UNK INITIAL JK UNK REORDER P-1 SHOPE P-1 SHOPE	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 504 OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP	OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 504 500 0 OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV ROD RATES* REA. PROCUREMENT LEAD TIME N MAX CHD+ K UNK INITIAL K UNK INITIAL K UNK REORDER P-1 SHOPPING LIST ITEM NO.	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 507 504 500 0 0 0 OCT NOV DEC JAN FEB MAR APR MAY JUNI JUL AUG SEP OCT NOV DEC ROD RATES* REA. PROCUREMENT LEAD TIME MAX CHD+ KUNK UNK INITIAL ADMIN LEAD TIME MANUFACTURING TO FR 1 OCT AFT 1 OCT TIME JK UNK INITIAL JK UNK REORDER P.1 SHOPPING LIST ITEM NO.	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 507 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10.102 3.496 6.606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 510 507 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10,102 3,496 6,606 382 613 533 510 510 510 510 510 510 507 507 504 500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

		PUDGET	ITEM JUSTIF	TO A TION				
			EXHIBIT P-40				DATE FEBRUARY 1	000
APPROPRIATIO	N/BUDGET ACTIV	\ /ITY	LAIIBIT F-40	<u> </u>	D 1 ITEM NOMENO	LATIE	TEBROART	999
	NS AND RELATED				P-1 ITEM NOMENC OTHER MISCELLAI			
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
			1	1	1 1 2002	1 1 2003	F1 2004	FY 2005
QUANTITY			- · · · · · · · · · · · · · · · · · · ·				- 	
COST (In Millions)	\$4.747	\$8.547	\$5.593	\$3.659	\$8.244	\$8.419	\$7.729	\$7.891
REMARKS							1 41.1120	Ι Ψ1.001
BEGINNING IN I	Y00 THIS P-1 LIN	E INCLUDES ITEM	IS PREVIOUSLY	FUNDED IN CUI	RRENT P-1 LINE NUI	MBERS 26 AND 3	4 FOR THE FY00 PE	3. (ITEMS LESS
THAN \$2 MILLIC	IN, OTHER).							,
1 THIS CATE(CORV CONCICTO	OF VARIOUS ITEM	10 INOLLIDINO B	AOE DEEELOR				
ITEMS LISE	JEUD VIDUDEINI I	OF VARIOUS ITEM AND GROUND TRA	IS INCLUDING B	ASE DEFENSE,	RESCUE, EXPLOSIV	'E ORDNANCE D	ISPOSAL (EOD), AN	D OTHER
IT LIVIO OULL) FON AINONEWAY	AND GROOMD LEY	AIMING.					1
2. ALL ITEMS /	ARE CODE A (APP	ROVED FOR SER	VICE USE)					
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		P.	-1 SHOPP	PAGE NO.	T			
			ST ITEM NO.					
			26	42				

BUDGET ITEM JUSTIFICATION FOR AGO	GREGA	IED ITEMS (E	XHIBIT P-40A)				DATE:	EEDDIIADV 46	
APPROPRIATION/BUDGET ACTIVITY					P-1 NOMENC	ATURE		FEBRUARY 19	999
PAAF/MUNITIONS AND RELATED EQUIP	MENT						LLANEOUS ITE	EMS	
	IDENT	FY		FY	99	FY	00	FY	01
PROCUREMENT ITEMS	CODE	QTY	COST	QTY	COST	QTY	COST	QTY	COST
GRENADE, HAND PRACTICE (G982)	Α			51,074	\$1,858	31,067	\$722	20,0 00	\$474
GRENADE, HAND PRACTICE (G982) ENG SUPT	Α					0	\$53		
CHARGE, DEMO M112 (M023)	Α					132,555	\$3,094	100,000	\$2,405
CHARGE, DEMO MII8 (M024)	Α					1,125	\$9	1,000	\$25
INT, 1 LB (M032)	Α				:			5,000	\$40
DYNAMITE, M1 (M591)	Α					41,358	\$89	5,000	\$3
DYNAMITE, NITRO (MN30)	Α							320	\$
DYNAMITE, AMMONIUM (MN32)	Α					109	\$1	400	\$
WATER GEL (MY77)	Α							400	\$
ANDROS ROBOT	Α	3	\$300	10	\$1,304	10	\$1,250	5	\$62
EOD TRAINING AIDS	Α .	50	\$785	20	\$84	18	\$288		
MK-1 WRENCH	Α					22	\$87	21	\$84
LUU-19 NEAR INFRARED (NIR)	Α	750	\$621						
BOMB CONTAINMENT VESSEL	Α	10	\$900						
EOD DISRUPTER	Α	8,750	\$132						
ADVANCED RADIOLOGICAL SYSTEMS	Α	85	\$1,870	57	\$807				
CRYTO CONTROLLERS	Α		\$139						
FLARE ADAPTER KIT (LY15)	Α			17;360	\$317				
			P-1 ITEM NO 26	D .	PAGE NO:		PAGE 1 OF 2		

\$ 4,747.000

\$ 4,370.000

\$ 5,593.000

\$ 3,659.000

BUDGET ITEM JUSTIFICATION FOI		ED ITEMS (E	EXHIBIT P-40A)			DATE:	FEBRUARY	1999
APPROPRIATION/BUDGET ACTIVIT PAAF/MUNITIONS AND RELATED E	TY QUIPMENT				P-1 NOMENCI		ELLANEOUS IT		
	IDENT	FY	98	FY	99	FY	00		Y 01
PROCUREMENT ITEMS	CODE	QTY	COST	QTY	COST	QTY	COST	QTY	COST
PEPPER SPRAY (KMO1)	A			1079	\$19	٠.			
PEPPER SPRAY (KMO2)	A			2219	\$39				
DISPENSER HOLSTER	Α			2,201	\$31				
SIMULATED HAND GRENADE (L601)	A			19,450	\$68				
WRENCH STRAP	A			3	\$1				
HOLDING FIXTURE	^			10	\$7				
STANDOFF DEARMER	٨			57	\$289				
NUCLEAR TRAINERS	A			12	\$1,504				
CODE MANAGEMENT SYSTEM	A			· 5 5	\$1,906				
LUU-2B	Α	4		524	\$313				
TOTAL P-1 LINE ITEM	A		\$4,747		\$8,547		\$5,593		\$3,6
								ı,	
		į							
			P-1 ITEM NO 26	D.	PAGE NO:		PAGE 2 OF 2		

COST (E. Manuro) \$0.932 \$1.891 \$2.304 \$2.347 \$2.222 \$2.499 \$2.473 \$2.527 REMARKS: 1. THIS P-1 LINE FUNDS SPARES AND REPAIR PARTS FOR PROCUREMENT AMMUNITION AIR FORCE (PAAF) ITEMS. INITIAL SPARES ARE 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 EQUIPMENT. REPLENISHMENT SPARES ARE REPARABLE COMPONENTS, ASSEMBLIES AND SUBASSEMBLIES REQUIRED FOR FOLLOW-ON SUPPORT OF END ITEMS. MUNITIONS REPLENISHMENT SPARES ARE BASED ON ITEM SPECIFIC FAILURE/DEMAND DRIVEN COMPUTATION. 2. FY00/01 FUNDING REQUESTED FOR BOTH INITIAL AND REPLENISHMENT SPARES ARE IDENTIFIED ON THE FOLLOWING P-40A. P-1 SHOPP LIST ITEM NO. P-4 SHOPP LIST ITEM NO.									
PAAF/MUNITIONS AND RELATED EQUIPMENT SPARES AND REPAIR PARTS									999
GUANTITY COST (IN MINION) \$0.932 \$1.891 \$2.304 \$2.347 \$2.222 \$2.499 \$2.499 \$2.473 \$2.527 REMARKS: 1. THIS P-1 LINE FUNDS SPARES AND REPAIR PARTS FOR PROCUREMENT AMMUNITION AIR FORCE (PAAF) ITEMS. INITIAL SPARES ARE REPARABLE COMPONENTS, ASSEMBLIES AND SUBASSEMBLIES, AS WELL AS CONSUMABLE ITEMS REQUIRED IN SUPPORT OF NEWLY FIELDED END ITEMS. RECOUREMENTS ARE BASED ON HISTORICAL FAILURE/DEMAND DATA ON SIMILAR FOUNDENT. REPLENISHMENT SPARES ARE REPARABLE COMPONENTS, ASSEMBLIES AND SUBASSEMBLIES REQUIRED FOR FOLLOW-ON SUPPORT OF END ITEMS. MUNITIONS REPLENISHMENT SPARES ARE BASED ON HISTORICAL FAILURE/DEMAND DRIVEN COMPUTATION. 2. FY00/01 FUNDING REQUESTED FOR BOTH INITIAL AND REPLENISHMENT SPARES ARE IDENTIFIED ON THE FOLLOWING P-40A. P-1 SHOPP LIST ITEM NO. PAGE NO.				, , , , , , , , , , , , , , , , , , , ,					
QUANTITY COST (p. Mathorop) \$0.932 \$1.891 \$2.304 \$2.347 \$2.222 \$2.499 \$2.473 \$2.527 REMARKS: 1. THIS P-1 LINE FUNDS SPARES AND REPAIR PARTS FOR PROCUREMENT AMMUNITION AIR FORCE (PAAF) ITEMS. INITIAL SPARES ARE 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 EQUIPMENT. REPLENISHMENT SPARES ARE REPARABLE COMPONENTS, ASSEMBLIES AND SUBASSEMBLIES REQUIRED FOR FOLLOW-ON SUPPORT OF END ITEMS. MUNITIONS REPLENISHMENT SPARES ARE REPARABLE ON ITEM SPECIFIC FAILURE/DEMAND DRIVEN COMPUTATION. 2. FY00/01 FUNDING REQUESTED FOR BOTH INITIAL AND REPLENISHMENT SPARES ARE IDENTIFIED ON THE FOLLOWING P-40A. P-1 SHOPP LIST TIEM NO. PAGE NO.	PAAF/MUNII		7'				AIR PARTS		
COST (m.Monest) \$0.932 \$1.891 \$2.304 \$2.347 \$2.222 \$2.499 \$2.473 \$2.527 REMARKS: 1. THIS P-1 LINE FUNDS SPARES AND REPAIR PARTS FOR PROCUREMENT AMMUNITION AIR FORCE (PAAF) ITEMS. INITIAL SPARES ARE REPARABLE COMPONENTS, ASSEMBLIES AND SUBASSEMBLIES, AS WELL AS CONSUMABLE ITEMS REQUIREDED IN SUPPORT OF NEWLY FIELDED END ITEMS. REQUIREMENTS ARE BASED ON HISTORICAL FAILURE/DEMAND DATA ON SIMILAR EQUIPMENT. REPLENISHMENT SPARES ARE REPARABLE COMPONENTS, ASSEMBLIES AND SUBASSEMBLIES REQUIRED FOR FOLLOW-ON SUPPORT OF END ITEMS. MUNITIONS REPLENISHMENT SPARES ARE ARE BASED ON ITEM SPECIFIC FAILURE/DEMAND DRIVEN COMPUTATION. 2. FY00/01 FUNDING REQUESTED FOR BOTH INITIAL AND REPLENISHMENT SPARES ARE IDENTIFIED ON THE FOLLOWING P-40A. P-1 SHOPP LIST ITEM NO.		FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	1	FY 2004	FY 2005
REMARKS: 1. THIS P-1 LINE FUNDS SPARES AND REPAIR PARTS FOR PROCUREMENT AMMUNITION AIR FORCE (PAAF) ITEMS. INITIAL SPARES ARE 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 EQUIPMENT. REPLENISHMENT SPARES ARE REPARABLE COMPONENTS, ASSEMBLIES AND SUBASSEMBLIES REQUIRED FOR FOLLOW-ON SUPPORT OF END ITEMS. MUNITIONS REPLENISHMENT SPARES ARE BASED ON ITEM SPECIFIC FAILURE/DEMAND DRIVEN COMPUTATION. 2. FY00/01 FUNDING REQUESTED FOR BOTH INITIAL AND REPLENISHMENT SPARES ARE IDENTIFIED ON THE FOLLOWING P-40A. P-1 SHOPP LIST ITEM NO. PAGE NO. LIST ITEM NO.	QUANTITY						·.		
1. THIS P-1 LINE FUNDS SPARES AND REPAIR PARTS FOR PROCUREMENT AMMUNITION AIR FORCE (PAAF) ITEMS. INITIAL SPARES ARE 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 EQUIPMENT. REPLENISHMENT SPARES ARE REPARABLE COMPONENTS, ASSEMBLIES AND SUBASSEMBLIES REQUIRED FOR FOLLOW-ON SUPPORT OF END ITEMS. MUNITIONS REPLENISHMENT SPARES ARE BASED ON ITEM SPECIFIC FAILURE/DEMAND DRIVEN COMPUTATION. 2. FY00/01 FUNDING REQUESTED FOR BOTH INITIAL AND REPLENISHMENT SPARES ARE IDENTIFIED ON THE FOLLOWING P-40A. P-1 SHOPP LIST ITEM NO. PAGE NO. LIST ITEM NO.	COST (In Millions)	\$0.932	\$1.891	\$2.304	\$2.347	\$2.222	\$2.499	\$2,473	\$2.527
LIST ITEM NO.	REQUIREMENT COMPONENTS ARE BASED ON	S ARE BASED ON ASSEMBLIES AN ITEM SPECIFIC	N HISTORICAL FAIL ND SUBASSEMBLIE FAILURE/DEMAND TED FOR BOTH INIT	ES, AS WELL AS LURE/DEMAND S REQUIRED F DRIVEN COMF	E CONSUMABLE I DATA ON SIMILA FOR FOLLOW-ON PUTATION. ENISHMENT SPA	TEMS REQUIRED IN R EQUIPMENT . REI SUPPORT OF END I	SUPPORT OF NE PLENISHMENT SI TEMS. MUNITIOI	EWLY FIELDED ENI PARES ARE REPAF NS REPLENISHMEI	DITEMS.
			1		PAGE NO.				

BUDGET ITEM JUSTIFICATION FOR	AGGREGAT	ED ITEMS (E	:XHIBIT P-40A)			_	DATE:		
APPROPRIATION/BUDGET ACTIVITY	Ý				P-1 NOMENCI	ATURE	<u> </u>	FEBRUARY 1	999
PAAF/MUNITIONS AND RELATED EC	UIPMENT						REPAIR PARTS	\$	
	IDENT	FY	98	FY	99		00		7 01
PROCUREMENT ITEMS	CODE	QTY	COST	QTY	COST	QTY	COST	QTY	COST
INITIAL SPARES									
P-1 LINE #N/A						·			
MISC. LOW COST INITIAL SPARES	A								
			İ				\$0.142		\$0.142
SUB TOTAL INITIAL SPARES			\$0.000		\$0.000		\$0.142		\$0.142
REPLENISHMENT SPARES			-						ļ
P-1 LINE ITEM # N/A									
GBU-15	A		\$0.301		\$0.703				
	1 1		\$5.551		\$0.703		\$0.665		\$0.608
P-1 LINE ITEM # 27/29	1 1								
ITEMS LESS, OTHER	Α		\$0.147		\$0.021		\$0.245		\$0.235
D. A. L. N.E. A. T. C. A. L. A							,		\$0.25
P-1 LINE ITEM # N/A									
GBU-24/27	^		\$0.000		\$0.268		\$0.107		\$0.218
P-1 LINE ITEM # 12/14									
ITEMS LESS, BOMBS	А		\$0.017		***				
			\$0.017		\$0.899		\$0.694		\$0.673
P-1 LINE ITEM # N/A	1 1	٠,			ŀ				l
TTU-373A DIGITAL TEST SET	A		\$0.467		\$0		\$0.451		\$0.471
SUB TOTAL REPLENISHMENT SPARES			\$0.932		\$1.891				
	1 1		4 0.332		\$1.091		\$2.162		\$2.205
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TOTAL P-1 LINE ITEM			\$0.932		\$1.891		\$2.304		\$2.347
			D . (###)						V2.547
			P-1 ITEM NO.	l	PAGE NO:				
			32		46		PAGE 1 OF 1		

			ITEM JUSTI EXHIBIT P-40				DATE FEBRUARY	1000
ADDRODRIATIO	ON/BUDGET ACTIV		EARIBIT P-40	<u> </u>	D 4 ITEM NOMENO		TEDITORITI	
	TONS AND RELATE				P-1 ITEM NOMENO MODIFICATIONS L		LION	
1701171101111	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	EV 2005
		1 1 1000	1 1 2000	1 1 2001	112002		F 1 2004	FY 2005
QUANTITY								
COST (In Millions)	\$1.991	\$.049	\$0.657	\$0.674	\$0.758	\$0.893	\$0.885	\$0.904
REMARKS:				<u>-</u>		<u> </u>	+ +0.000	Ψ0.00+
SYSTEMS OR E	OR ADD OR DELE EQUIPMENT. THIS	TE CAPABILITY. S BUDGET LINE EN DUNT BUDGETED	SAFETY MODIF ICOMPASSES E IN FY98-01 IS T	ICATIONS CORR BOTH NEW AND TO SATISFY UNFO	YSTEMS AND EQUIF ECT DEFICIENCIES ON-GOING MODIFIC DRESEEN REQUIREI	WHICH PRODUCE ATION EFFORTS	E HAZARDS TO PE	RSONNEL
		P.	-1 SHOPP	PAGE NO.				
			ST ITEM NO.					
		!	22	47				

BUDGET ITEM JUSTIFICATION F	OR AGGREGA	TED ITEMS (EXHIBIT P-40A	()			DATE:					
APPROPRIATION/BUDGET ACTIV	VITY				D. A. NOMEN			FEBRUARY 1	1999			
PAAF/MUNITIONS AND RELATED	EQUIPMENT			P-1 NOMENCLATURE: MODIFICATIONS LESS THAN \$5 MILLION								
	IDENT	F\	Y 98	FY	99	FY	00		7 01			
PROCUREMENT ITEMS	CODE	QTY	COST	QTY	COST	QTY	COST	QTY	COST			
							1	<u> </u>				
P-1 LINE #N/A GAM 113						··						
1	^		\$1.991									
TOTAL P-1 LINE ITEM			\$1,991		\$.049		\$.657		\$.674			
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			P-1 ITEM NO									
			P-1 (1EM NO	O.	PAGE NO:		PAGE 1 OF 1					
					40							

		DATE FEBRUARY 1999						
APPROPRIATI PAAF/MUNIT	ON/BUDGET ACTI IONS AND RELAT	ED EQUIPMENT			P-1 ITEM NOMENO FLARES	CLATURE	L	
OLIANITITY	FY1998	FY1999	FY2000	FY2001	FY2004	FY2005		
QUANTITY	C40.745	A 00.004						112000
COST (In Millions) REMARKS:	\$40.715	\$39.804	\$26.342	\$34.198	\$40.058	\$46.202	\$51.821	\$53.040
FLARES ARE DE HEAT-SEEKING MARKING, EMI 1. THE MJU-10 FROM THE AN	DISPENSED FROM G MISSILES FIREC ERGENCY NIGHT D/B INFRARED CO /ALE-45 FLARE DI	MA WIDE VARIETY DEROMENEMY A LANDINGS, OR S UNTERMEASURE SPENSER.	Y OF AIRCRAFT A AIRCRAFT OR GR EARCH AND RES ES FLARE IS USEI	AND ARE USED TO ROUIND UNITS OF SCUE. D BY THE F-15 AI	RRENT FY00 PB P- O EITHER PROTEC R, AS AN ILLUMINAT RCRAFT AGAINST T HEAT SEEKING N	OT THE AIRCRAFT TION SOURCE FO HEAT-SEEKING N	BY ACTING AS A R RECONNAISSA	DECOY TO NCE, TARGET
3. ITEMS LESS REQUESTED F	S THAN \$5 MILLIOI FOR THE ITEMS LI	N: INCLUDES ITE STED ON THE FC	EMS WITH AN ANN DLLOWING P-5.	NUAL PROCUREN	MENT COST OF LE	SS THAN \$5 MILLI		
	THE CHICEL MA	INMOLIN I ON CON	AACIATICHAAL AIVII	VILIALLIK BAL FYAK (VHICH ARE CENTR COSTS ARE BASED ESTIMATED CONT		AIAI ABBBBBBCT	CE, ITEMS ARE N WORKING
		· · · · · · · · · · · · · · · · · · ·	P-1 SHOPP LIST ITEM NO. 35	PAGE NO. 49				

			AMMU	NITION CO	ST ANAL	YŠIŠ	(DOLLARS II	V THOUSAN	DS)	7			
APPROPRIATION AND P-1 LINE PAAF/MUNITIONS AND RELATE		-	FLARES						DATE:				
ELEMENT OF COST									ŀ	FEBRUARY	1999		
	IDENT	FY98	QTY:		FY99	QTY:		FY00	QTY:		FY01	QTY:	
1. MJU-10/B FLARE		QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE	A	175548	\$56.92	\$9,991	200925	\$50.42	ft 40, 404	405045					
			400.02	\$3,331	200923	\$50.42	\$10,131	135018	\$45.75	\$6,176	146710	\$46.52	\$6,8
SUBTOTAL				\$9,991]	\$10,131			\$ 6,176		!	\$6,82
PRODUCTION SUPPORT													\$0,0
QUALITY ASSURANCE				\$25			\$11						
ACCEPTANCE TESTING			i	\$115		ļ i	\$11			\$11			\$
NTERIM TRANSPORTATION				\$72									
NDUSTRIAL STOCK SUPPORT				\$354			\$204			\$90			\$
SUBTOTAL				\$566			\$215			\$101			\$1
FOTAL MJU-10/B		175548	\$60.14	\$10,557	200925	\$51.49	\$10,346	135018	\$46.49	\$6,277	146710	\$47.27	
2. M-206 FLARE	A									\$3,217	140710	. \$47.27	\$6,93
HARDWARE	^	1033417	\$13.73	\$14,197	000040			1	i				
-		1000417	\$13.73	\$14,197	902612	\$12.25	\$11,057	794029	\$11.73	\$9,313	740798	\$11.93	\$8,84
SUBTOTAL			ľ	\$14,197			\$11,057			\$ 9,313			\$8,84
RODUCTION SUPPORT	ľ	ľ]							70,0
PRODUCTION ENGINEERING		- 1	I	64.454						ľ		ľ	
QUALITY ASSURANCE			1	\$1,451			\$111			\$116			\$1
CCEPTANCE TESTING	1 1			\$35			\$11		1	\$11		i	\$
TERIM TRANSPORTATION	1 1	1		\$163					ŀ				
NDUSTRIAL STOCK SUPPORT	1 1		1	\$102	i		j					ľ	
		Ī	ŀ	\$504			\$221			\$136			\$12
SUBTOTAL			ļ	\$2,255			\$0 \$343		ŀ	\$263		j	• • •
OTAL M-206 FLARE		1033417	\$15.92	\$16,452	002643		044.405		1	į	ĺ		\$25
		1000.411	Ψ1J.3Z		902612	\$12.63	\$11,400	794029	\$12.06	\$9,576	740798	\$12.28	\$9,0
				P-1 ITE	W NO.	PAGE 5 0				XHIBIT P-5			
				35		50			F	AGE 1 OF 2			

			AMMU	NITION CO	OST ANAL	YSIS.	(DOLLARS I	N THOUSANI	DS)			<u> </u>	
APPROPRIATION AND P-1 LINE ITEM PAAF/MUNITIONS AND RELATED EC	NUIPMEN	 IT	FLARES				· · · · · · · · · · · · · · · · · · ·		DATE:	FERRUARY			
ELEMENT OF COST	IDENT	FY98	QTY:		FY99	QTY:		FY00	QTY:	FEBRUARY	FY01	QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL		UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
3. ITEMS LESS THAN \$5 MILLION									0	TOTAL	QII	UNIT COST	TOTAL
A. ASTE FLARE	A							25,685		\$4,835	31,950		\$4,82
B. FLARE IR,MJU-7A/B (L463)	Α						i !				232171		\$4,77
C. FLARE, LUU-2B (L440)	Α							3798		\$2,259	3745		\$2,27
D. MJU-23 FLARE (L462)	А							3384		\$1,655	3396		\$1,69
E. LUU-1 FLARE (L660)	Α							2628		\$342	2628		\$34
F. LUU-19 FLARE (LAO5)	Α										1089		\$1,43
G. FLARE DISPENSER ADAPTER KIT (LY15)	Α					,					5366		\$76
H. MJU-39/40 FLARES	А							100		\$1,398	200		\$2,74
SUBTOTAL										\$ 10,489			\$18,16
TOTAL P-1 LINE ITEM FLARES										\$26,342			\$34,19
		i				4.							
				P-1 ITE	M NO.	PAGE				EXHIBIT P-5		<u></u>	
			···	35		51				PAGE 2 OF 2	!		

B. APPROPRIATION/BUDG	DATE FEBRU	FEBRUARY 1999								
	NITIONS AND RELATE	C. P-1 ITE	EM NOMEN							
LINE ITEM/ FISCAL YEAR	CONTRACTOR/ LOCATION		CONTRACTED	AWARD DATE	DATE OF FIRST	FL QUANTITY	UNIT	SPECS AVAIL	SPEC	IF YES
		& TYPE		DAIL	DELIVERY	٠.	COST	NOW	REV REQ'D	WHEN
1. MJU-10/B FLARE			1					1		1
FY 1998	TRACOR@	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 98 -	JUN 99*	175548	56.92			
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	JUN 99	JUN 00	200925	50.42	YES	ИО	
FY2000	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	APR 00	APR 01	135018	45.75	YES	ИО	
FY 2001	инкиоми	C/FP	ARMY/IOC (AFMC/OO-ALC)	APR 01	APR 02	146710	46.52	YES	NO	
2. M-206 FLARE										
FY 1998	TRACOR@	C/FP	ARMY/IOC (AFMC/OO-ALC)	APR 98	NOV 99*	413208	13.73			
FY 1998	ALLIANT TECH ^A	C/FP	ARMY/IOC (AFMC/OO-ALC)	APR 98	NOV 98	620209	13.73			
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	JUN 99	JUN 00	902612	12.25	YES	NO	
FY 2000	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	JUN 00	JUN 01	794029	11.73	YES	NO	
FY 2001	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	JUN 01	JUN 02	740798	11.93	YES	NO	
D. REMARKS TRACOR IS LOCATED IN CAMDEN, A ALLIANT TECH ISYSTEMS IS LOCATE DATE OF FIRST DELIVERIES DELAYE	D IN TOONE, THE FY98 CONTRAC	CT IS SPLIT BETWEEN	TRACOR AND ALLIANT	TECH.						

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Exhibit P-5A

P-1 SHOPP LIST ITEM NO.

			ET ITEM JUSTIFI (EXHIBIT P-40)				DATE FEBRUARY 1999	
	I/BUDGET ACTIVIT IS AND RELATED E				P-1 ITEM NOMENCL SMALL ARMS	_ATURE		
	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005
QUANTITY						•		
COST (In Millions) REMARKS	\$7.713	\$5.537	\$3.440	\$5.285	\$10	\$10	\$10	\$10
SMALL ARMS END AIRCREW PROTE FIREARMS. THIS 1. THE M-16A2 R (NATO) STANDAR WITH BEING THE BARREL HAS A NI IMPROVING ACCU DOES NOT STRIK PROVIDES BETTE 2. THE ITEMS LES	COMPASSES SMAI ECTION, OFFICE OF BP-1 ALSO INCLUD RIFLE IS A MODIFIC RD ROUND TO IMPE SOLE SERVICE TO EW RIFLING TWIST URACY. A NEW RE SE OTHER SHOOTE ER RESISTANCE TO SS THAN \$5 MILLIO	DES MODIFICATION I CATION OF THE M-16 PROVE EFFECTIVENT O MAINTAIN THE OL ST WHICH ENABLES EAR SIGHT INCORPO ERS. A REDESIGNE O BREAKAGE.	FIRED WEAPONRY IGATION OPERATIO KITS AND ACCESSO I6A1. THE CONVERS IESS (MAXIMUM RAI LDER MODEL. THE IFIRING OF THE NEI PORATES ADJUSTMI ED HANDGUARD IS:	(PISTOLS OR RIFLEDNS, SECURITY FUSORIES NEEDED TO SISION WILL SUPPORTINGE NEARLY DOUBT MODIFIED M-16 CASEW NATO ROUND ASTURDIER AND PROSERVENTS FOR WINDAY	ES) USED FOR THE INCTIONS, AND OTH IMPROVE OR MAIN RT USE OF THE 5.56 (BLES THE M-16A1) AN BE USED AS A S AS WELL AS NON-NA GE AND ELEVATION ROVIDES A BETTER	E PURPOSES OF AIR HER ACTIVITIES RE NTAIN EXISTING WE 6, NORTH ATLANTIO) AND REDUCE THE SEMIAUTOMATIC OF ATO AMMUNITION. N AND ENSURES CA R GRIP AND A NEW E	R BASE GROUND DE	ORTABLE ZATION (NATO) EN ASSOCIATED IC WEAPON. THE SO HEAVIER, DN TRAJECTORY ISTOL GRIP
		1 '	P-1 SHOPP LIST ITEM NO.	PAGE NO.				

			AMMU	INITION CO	ST ANALY	SIS	(DOLLARS	IN THOUS	ANDS)			· · · · · · · · · · · · · · · · · · ·		
APPROPRIATION AND P-1 LINE ITEM									DATE:					
PAAF/MUNITIONS AND RELATED EQUIPMENT	SMALL ARMS								FEBRUARY 1999					
ELEMENT OF COST	IDENT	FY98	QTY:		FY99	QTY:		FY00						
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	
												0	101712	
1. M-16A2 RIFLE		ł							·.					
RIFLE CONVERSION KIT	Α	12698	\$200.00	\$2,540	4593	\$225.00	\$1,033	7604	\$232.65	\$1,769	20837	\$236.93	\$ 4,937 ;	
		15207	\$225.00	\$3,422	13757	\$232.25	\$ 3,195						·	
SUBTOTAL		27905		\$5,962	18350		\$4,228			\$1,769			\$ 4,937	
PRODUCTION SUPPORT														
ARMY ENGINEERING SUPPORT							\$ 157			\$82			\$ 224]	
QUALITY ASSURANCE				\$26			\$20			\$10		l i	\$28	
TESTING	1			\$21			\$16			\$7]	\$19	
			:										•	
SUBTOTAL				\$47			\$193			\$99			\$271	
TOTAL M-16A2		27905	\$215.33	\$6,009	18350	\$ 240.92	\$4,421	7604	\$245.65	\$1,868	20837	\$249.93	\$5,208	
2. ITEMS LESS THAN \$5M														
A. MORTAR COMPUTER	Α							31		\$ 465				
B. 9MM COMPACT PISTOL	Α	•						431		\$288				
C. AIMING CIRCLE (M2A2)	Α							16		\$33	2		\$4	
D. MOUNT TRIPOD	Α							22		\$13	1		\$1	
E. SIGHT TELESCOPIC	^							1		\$0.025	4		\$1	
F. NIGHT VISION SIGHTS	Α							103		\$629	10		\$61	
G. M-4 CARBINES	۸							250		\$144	17		\$10	
SUBTOTAL										\$1,572			\$77	
TOTAL P-1 LINE				\$ 7,713		٠.	\$ 5,537			\$3,440			\$5,285	
			<u> </u>	D 4 (***	MANO	DAGE	NO.			EXHIBIT P-5				
				P-1 ITE 37		PAGE 5 4				PAGE 1 OF 1				

PPROPRIATION / BUDGET A AAF/MUNITIONS AND RELAT	ED EQUIPMENT			P-1 ITEM I SMALL AF	NOMENCLATUR					
COST ELEMENT/ FISCAL YEAR	CONTRACTOR / LOCATION	CONTRACT METHOD &TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QTY	UNIT COST	SPECS AVAIL NOW	SPECS REVISION REQUIRED	IF YE
1. M-16A2 RIFLE							0001	14044		AVAIL
FY1998	COLT MFR INC WEST HARTFORD. CT	MIPR/OPTION C/FP	ARMY/IOC (AFMC/WR-ALC)	JUN 98	DEC 00	12,698	200.00			
Y1998	COLT MFR INC WEST HARTFORD, CT	MIPR/OPTION C/FP	ARMY/IOC (AFMC/WR-ALC)	SEP 98	JUN 01	15,207	225.00			
Y1999	COLT MFR INC WEST HARTFORD, CT	MIPR/OPTION C/FP	ARMY/IOC (AFMC/WR-ALC)	JAN 99	JUN 01	4,593	225.00			
Y1999	UNKNOWN	MIPR C/FP	ARMY/IOC (AFMC/WR-ALC)	JUN 99	MAY 00	13,757	232.25	Y	N	
Y2000	UNKNOWN	MIPR/OPTION C/FP	ARMY/IOC (AFMC/WR-ALC)	JAN 00	DEC 00	7,604	236.93	Y	N	
72001	UNKNOWN	MIPRIOPTION C/FP	ARMY/IOC (AFMC/WR-ALC)	JAN 01	DEC 01	20,837	236.93	Y	N	
EMARKS: CONTRACT DELJ IY/PRODUCTION REQUIREM										

REMARKS: CONTRACT DELAYS IN FY 96, 97, AND 98 WERE A RESULT OF ARMY/ IOC REVISED ACQUISITION STRATEGY TO QUALIFY ADDITIONAL MANUFACTURERS FOR GREATLY INCREASED BUY/PRODUCTION REQUIREMENTS FOR ALL SERVICES. BECAUSE QUANTITIES WERE SO LARGE, CONTRACTS WERE SPLIT INTO MULTIPLE OPTIONS. COST FOR FY98 THRU FY99 BASED ON COLT CONTRACT DAAE20-98-C-0113. FY98 QUANTITY OF 27,905 KITS SPLIT BETWEEN OPTIONS 2, 3 AND 4 OF COLT CONTRACT. FY99 QUANTITY OF 4,593 WILL BE AWARDED UNDER OPTION 4 WHICH WILL COMPLETE THE COLT CONTRACT. THE REMAINING FY99 QUANTITY OF 13,757 WILL BE AWARDED TO A NEW CONTRACT. CONTRACTS FOR FY 99/00/01 ANTICIPATED TO AWARD AND DELIVER ON TIME SINCE ARMY/IOC HAS QUALIFIED ADDITIONAL CONTRACTORS

P-1 SHOPP LIST	PAGE NO.	Exhibit P-5a
ITEM NO. 37	55	