DEPARTMENT OF THE AIR FORCE

PROCUREMENT PROGRAM

FISCAL YEARS 1999 BUDGETESTIMATES .

PROCUREMENT OF AMMUNITION

FEBRUARY 1998.

DEPARTMENT **OF THE AIR FORCE** PROCUREMENT OF AMMUNITION APPROPRIATION ESTIMATES FOR FISCAL YEARS 1999

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4	Items Less Than \$2,000,000 (Rockets & Launchers)	11
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DEPARTMENT OF THE AIR FORCE PROCUREMENT OF AMMUNITION APPROPRIATION ESTIMATES FOR FISCAL YEARS 1999

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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

C - Competitive SS - Sole Source

Contract Type

C/FP - Competitive/Fixed Price CPAF - Cost Plus Award Fee FFP - Firm Fixed Price FP - Fixed Price FPIF - Fixed Priced Incentive Fee C/FFP - Competitive Firm Fixed Price

Contracted By

AFMC - Air Force Materiel Command, Wright-Patterson AFB, OH ASC - Aeronautical Systems Center, Wright - Patterson AFB, OH & Eglin AFB, FL 00-ALC - Ogden Air Logistics Center, Hill AFB, UT WR-ALC - Warner-Robins Air Logistics Center, Robins AFB, GA AMCCOM - See IOC IOC - Industrial Operations Command, Rock Island, IL NOC - Navy Ordinance Command, Mechanicsburg PA SPCC - See NOC

DEPARTMENT OF TRE AIR FORCE

FY 1999 PROCUREMENT PROGRAM

	SU	IMMARY	FEB	1998
(\$	IN	MILLIONS)		

APPROPRIATION: PROCUREMENT OF AMMUNITION, AIR FORCE			
ACTIVITY	FY 1997	FY 1998 w-s	
01. PROCUREMENT OF AMMO, AIR FORCE	295.2	383.9	
02. WEAPONS	16.2	8.0	
TOTAL	311.4	391.9	

▲ ITEM3 UNDER \$50,000

FY 1999 378.6 5.6 384.2

DEPARTMENT OF TIE AIR FORCE FY 1999 PROCUREMENT PROGRAM

EXBIBIT P-1

						MI	LLIONS OF	DOLLAR3
NE IO ITEM NOMENCLATURE	IDENT Code	(DOLLÁRS) Fy 1999 Unit Cost	FY	1997 COST	QUANTITY	COST	QUANTITY	999 Cost
JDGET ACTIVITY 01: PROCUREMENT OF AM	MO, AIR FO	RCE						
ROCKETS								
1 3.75 INCH ROCKET MOTOR	A	553	25392	9.9	21930	8.2	6139	3.4
2 2.75" ROCKET BEAD SIGNATURE	A		25360	1.8	8388	. 6		
3 2.75 IN ROCKET, FLARE IR	A	1,064					2530	2.7
4 ITEMS LESS TAAN \$2,000,000	A			1.3		.1		2.0
CARTRIDGES .								
5 5.56 MM	Α	269	13487	6.7	23273	7.4	20026	5.4
6 20MM TRAINING	A		435	2.7		1.7		
7 30 MM TRAINING	Α	7,145	408	3.2	3543	26.1	769	5.5
8 CARTRIDGE CHAFF RR-180	Α	14,667			845	12.1	795	11.7
9 CARTRIDGE CHAFF RR-188	A	2,908	507	1.4			876	2.5
10 SIGNAL MK-4 MOD 3	A	2,923			596	1.1	260	. 8
11 ITEMS LESS THAN \$2,000,000	A			4.0		4.1		5.4
BOMBS								
12 MK-82 INERT/BDU-50	A	765	12750	6.3	22612	19.0	29368	22.5
13 GBU-28 HARD TARGET PENETRATOR	A	148,809	177	18.4	72	11.4	163	24.3

ITEMS UNDER \$50,000

UNCLASSIFIED

PAGE F-12

DEPARTMENT OF **THE** AIR FORCE FY 1999 PROCUREMENT **PROGRAM**

EXHIBIT P-l

									-
		(DOLLARS)				MI	LLIONS OF	DOLLARS	3
DITEM NOMENCLATURE	IDENT CODE	FY 1999 UNIT COST	FY :	1997 Cost	QUANTITY		QUANTITY	COST	_
4 GBU - 37	А	97,700					10	1.0)
BOMB PRACTICE 25 POUND	А	14	200000	2.9	397760	5.6	266001	3.8	
5 2000 LB HE BOMB MK-84	А	4, 870					1928	9.4	
7 MK-84 BOMB-EMPTY	А	2, 466	1500	3.5	994	2.5	2894	7.1	
SENSOR FUZED WEAPON	Α	427,091	542	149.5	556	150.2	295	126. 0	
9 TTU-373A DIGITAL TEST SET	A		13	5.1					
0 JOINT DIRECT ATTACK MUNITION	A	24, 305	937	23.0	2400	54.9	2187	53.2	
1 WIND CORRECTED MUNITIONS DISPENSER	А	20, 505			280	12.0	676	13.9	Э
2 ITEMS LESS THAN \$2,000,000	A			. 5		. 2		2.1	L
TEMS LESS THAN \$2,000,000									
3 ITEMS LESS THAN \$2,000,000	A			.1					
LARE, IR MJU-7B									
4 ASTE (INFRARED EXPENDABLE)	А	143					34154	4.9)
5 FLARE, IR MJU-7B	A	24	899640	20.0	617640	13.7	355826	a.9	9
6 MJU-10B	A	52	214584	12.7.	175536	10.6	198602	10.4	4
7 M206 CARTRIDGE FLARE	A	12	1045000	12.8	1033417	16.5	881944	11.4	4
8 CAD/PAD	A					12.7		14.3	3

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ITEMS UNDER \$50,000



DEPARTMENT OF THE AIR FORCE FY 1999 PROCUREMENT PROGRAM

EXHIBIT P-1

		FI 1999	PROCUREMEN	T PROGRA	IVI		EXHIBI	T P-1
APPROPRIATION: 3011F PROCUREMENT OF AMM	UNITION,						DATE: FEB	1998
							LLIONS OF	
LINE NO ITEM NOMENCLATURE	IDENT Code - m-m-	(DOLLARS) FY 1999 UNIT COST w-w-a	QUANTITY	997 Cost	QUANTITY	1998-a-a	QUANTITY	1999
29 LUU-19 FLARE	A	1,104					3926	4.3
30 REPLENISHMENT SPARES	A			1.7		. 9		1.9
31 MODIFICATIONS	A			. 5		2.1		*
32 ITEMS LESS THAN \$2,000,000	А			3.2		4.6		4.4 u
FUZES								
33 JOINT PROGRAMMABLE FUSE(JPF) ,	B	3,969	356	4.1 - m-w	1226	5.7	3861	15.3
OTAL PROCUREMENT OF AMMD, AIR FORCE				295.2		303.9		378.6
BUDGET ACTIVITY 02 : WEAPONS								
SMALL ARMS								
34 M-16A2 RIFLE	A			15.5		6.0		4.5 u
35 9MM COMPACT PISTOL	A	672	113	. 1	273	. 2	345	. 2
36 M-9 PISTOL	A	486			1652	1.0	1576	. 8
37 ITEMS LESS THAN \$2M	A		_	. 6		.8 w-s		. 1
TOTAL WEAPONS			-	16.2		8.0		5.6

1

ITEMS UNDER \$50,000

	BUDGET ITEM JUSTI	FICATION			DATE	
	(EXHIBIT P-4	0)			FEBRUARY 1	998
APPROPRIATION/BUDGET ACTIVITY	N N	/	I ITEM NOMENCLAT	URE		
PAAF/MUNITIONS AND RELATED EQUI	IPMENT	2.7	5 INCH ROCKET MC	TOR		
FY 1996 F	FY 1997 FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY	25,392 21,930	6,096	33,928	34,068	32,267	42,058
	\$9.941 \$8.190	\$3.399	\$14.028	\$14.374	\$14.029	\$18.442
REMARKS	\$5.5+1 \$6.150	φ0.000	φ14.020	φ14.074	ψ14.025	ψ10.442
 THIS IS A 2.75 INCH DIAMETER ROO WARHEADS. THE ROCKETS CAN BE F TO MARK TARGET LOCATIONS FOR O THE PRIMARY TARGET MARKING MUN ARE IN USE : MK 4, MK 40 AND MK 66. BEGINNING IN FY99 THE USAF WIL MOD 4 ARE: A. COMPLETE HERO (HA (ELECTRO-MAGNETIC PULSE) PROTEC ON ALL US MILITARY AIRCRAFT, C. 90 DELAY VARIABILITY BY 75%, E. MOD 4 MOD 4 HAS A NOTICEABLY REDUC THE MOD 4 MOTOR HAS BEEN DE VARIOUS MOD'S CURRENTLY USED B THIS ITEM IS PROCURED BY THE S AMMUNITION WORKING CAPITAL FUN FY99 QUANTITIES DIFFER FROM P- 	FIRED FROM HIGH OR LOW OTHER AIRCRAFT. ROCKET NITION USED BY FORWARD ONLY THE MK 66 (MODs 1 LL BEGIN TO PROCURE THE AZARDS OF ELECTRO-MAGE CTION ON ALL US AIRCRAF 0% REDUCTION IN PRESSU 4 IGNITER SIMPLIFIES THE CED VISIBLE FLASH ON IGN SIGNED TO BECOME THE CY THE DOD. SINGLE MANAGER FOR CO ID (CAWCF) STANDARD PR	SPEED AIRCRAF S ARE LAUNCHEE AIR CONTROL AI , 2, AND 3) IS CUR MK66 MOD 4 RK NETIC RADIATION T UNDER ALL OP IRIZATION LOADS PRODUCTION PRO ITION, G. MOD 4 TRI-SERVICE MOT NVENTIONAL AMI RICING. FY 99 COS	T. IN THE AIR FORC D FROM REUSABLE RCRAFT. THREE VE RENTLY IN PRODUC T MOTOR. THE TEC TO ORDNANCE), ES ERATIONAL CONDIT TO PROPELLANT G OCESS BY REDUCIN HAS AN IMPROVED OR FOR THE 2.75" F MUNITION. FY 97/98 ST BASED ON ESTIM	E, THE 2.75 INC PODS CARRIED ERSIONS OF TH CTION. HNICAL ENHAN SD (ELECTRO-S TONS, B. IGNIT RAIN DURING IC IG THE SAFETY GROUNDING CI COCKET MISSIO	H ROCKET IS USEE ON AIRCRAFT PYL E 2.75 INCH ROCKE CEMENTS OFFERE TATIC DISCHARGE ION SYSTEM INTER SNITION, D. REDUC REQUIREMENTS V IRCUIT. N AND TO REPLAC	D PRIMARILY ONS AND ARE T MOTOR D BY THE AND EMP OPERABILITY CES IGNITION S THE MOD 2, E THE

			AMMU			S	(DOLLARS IN T	HOUSANDS)					
APPROPRIATION AND P-1 LINE IT	EM								DATE:				
PAAF			2.75 INCH F	ROCKET MO	TOR				DATE.	FEBRUARY	(1998		
ELEMENT OF COST	IDENT	FY97		25,392	FY98	QTY:	21,930	FY99	QTY:	6,096		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
LOAD, ASSEMBLE, AND PACK (LAP)	A	25392	\$115.34	\$2,929	21930		\$2,504						
MK90 PROPELLANT GRAIN		27170	\$189.96	\$5,161	23473	\$194.38	\$4,563						
COMPLETE ROUND								6096	\$471.90	\$2,877			
SUBTOTAL				\$8,090			\$7,067			\$2,877			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING				\$370			\$702			\$483			
QUALITY ASSURANCE				\$11			\$18			\$39			
ACCEPTANCE TESTING				\$88			\$81						
INTERIM TRANSPORTATION				\$77			\$51						
INDUSTRIAL STOCK SUPPORT				\$320			\$271						
CAWCF GAIN/LOSS SURCHARGE				\$985			\$0						
				\$ 000			ψŬ						
SUBTOTAL				\$1,851			\$1,123			\$522			
TOTAL P-1 LINE ITEM		25392	\$391.49	\$9,941	21930	\$373.33	\$8,190	6096	\$557.37	\$3,399			
				P-1 ITEM	NO. 1	PAGE	NO 2.			EXHIBIT P-5 PAGE 1 OF 1		<u> </u>	

BUDGET PROCUREMENT HISTORY PLANNING (P-5A)

FEBRUARY 1998

A. DATE

B. APPROPRIATION/BUDGE				C. P-1 ITEM NOMENCLATURE							
	MUNITIONS AND RELATE				D.475.05			SPECS	0050		
LINE ITEM/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPEC REV REQ'D	IF YE WHE AVA	
2.75 INCH ROCKET MOTOR											
FY 1997	LOCKHEED MARTIN#	C/FP	ARMY/IOC	APR 97	NOV 98	25392	391.49				
		(OPTION)	(AFMC/OO-ALC)								
FY 1998	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	APR 98	OCT 99	21930	373.33	YES	NO		
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	APR 99	OCT 00	6096	557.37	YES	NO		

D. REMARKS				
# LOCKHEED MARTIN IS IN BURLINGTON, VT.				
	P-1 SHOPP LIST	PAGE NO. 3	Exhibit P-5A	

PROMPO PROVERENT PROVENENT PROVENCENT PROVENCENT <th>FY98/99 BUDGET PRODUCTION S</th> <th>SCHED</th> <th>ULE</th> <th></th> <th></th> <th>P-1 I7</th> <th>TEM N</th> <th>NOME</th> <th>ENCL</th> <th>ATUR</th> <th>RE:</th> <th></th> <th>2.75</th> <th>INCH</th> <th>ROCK</th> <th>ET MO</th> <th>OTOR</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>DAT</th> <th>E:</th> <th>FEB</th> <th>RUAF</th> <th>Y 19</th> <th>98</th> <th></th>	FY98/99 BUDGET PRODUCTION S	SCHED	ULE			P-1 I7	TEM N	NOME	ENCL	ATUR	RE:		2.75	INCH	ROCK	ET MO	OTOR										DAT	E:	FEB	RUAF	Y 19	98										
PHOLOGREMENT TOTAL R H OT Model 97 97 CALENDAR YEAR 09 CALENDAR YEAR 09 CALENDAR YEAR 09 CALENDAR YEAR 09 COM 1.00 C1 M07 (0c) (M17 (0c) (M1		S E	PROC	ACCPT	BAL					FISC/	AL YE	AR 98									_	FISC	CAL Y	/EAR	99									FISC	CAL Y	EAR	00					L A T
1 1		R	QTY	PRIOR	DUE	97	97	97				CALE	NDAF	R YEA	R 98									CAL	END	AR YE	EAR 9	9							CAL	ENDA	AR YE	AR 0	0			E R
LOCK MARTIN FYS7 AF 25.4 0 25.4 0 21.9 0				1-Oct	1-Oct	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
UNONUM FY88 AF 21.8 0 21.9 0 2	LOCK MARTIN FY96	AF	30	0	30					5.2	5.9	5.9	3.0	2.5	2.5	2.5	2.5																									0
UNROWN PY99 AF 6.1 0 6.1 0 0 6.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	LOCK MARTIN FY97	AF	25.4	0	25.4														1.0	1.0	2.0	4.4	8.5	5 8.5	;																	0
Image: Structure Structur	UNKNOWN FY98	AF	21.9	0	21.9							С																		2.0	3.0	4.0	5.0	7.9								0
MANUFACTURER'S NAME PROD RATES REA PROCUREMENT LEAD TIME MANUFACTURING TOTAL AFTER REMARKS: QUANTITY IN THOUSANDS. RATES BELOW MSR ARE NOT A PROBLEM BECAUS CONTRACTOR PRODUCES AF, NAVY AND ARMY ITEMS ON THE SAME PRODUCTION LINE. LOCKHEED MARTIN, BURLINGTON, VT 8 20 UNK INITIAL 6 7 18 25 Image: Contract of the state of the s	UNKNOWN FY99	AF	6.1	0	6.1																			с																		6.1
MANUFACTURER'S NAME PROD RATES REA PROCUREMENT LEAD TIME MANUFACTURING TOTAL AFTER REMARKS: QUANTITY IN THOUSANDS. RATES BELOW MSR ARE NOT A PROBLEM BECAUS CONTRACTOR PRODUCES AF, NAVY AND ARMY ITEMS ON THE SAME PRODUCTION LINE. LOCKHEED MARTIN, BURLINGTON, VT 8 20 UNK INITIAL 6 7 18 25 Image: Contract of the state of the s																																										
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MANUFACTURER'S NAME PROD RATES REA PROCUREMENT LEAD TIME MANUFACTURING TOTAL AFTER REMARKS: QUANTITY IN THOUSANDS. RATES BELOW MSR ARE NOT A PROBLEM BECAUS CONTRACTOR PRODUCES AF, NAVY AND ARMY ITEMS ON THE SAME PRODUCTION LINE. LOCKHEED MARTIN, BURLINGTON, VT 8 20 UNK INITIAL 6 7 18 25 Image: Contract of the state of the s	TOTAL		00.4		00.4	0		0	0	5.0	5.0	5.0	2.0	0.5	0.5	0.5	0.5	0	1.0					- 0.5				0	0	0.0	2.0	4.0	5.0	7.0		0.0	0.0			0	0	
MANUFACTURER'S NAME AND LOCATION PROD RATES REA- PROCUREMENT LEAD TIME REMARKS: QUANTITY IN THOUSANDS. RATES BELOW MSR ARE NOT A PROBLEM BECAUS CONTRACTOR PRODUCES AF, NAVY AND ARMY ITEMS ON THE SAME PRODUCTION LINE. LOCKHEED MARTIN, BURLINGTON, VT 8 20 UNK Admin Lead Time MANUFACTURING PR 1 OCT TOTAL AFTER 1 OCT 1 OCT 1 OCT 1 OCT 1 OCT BURLINGTON, VT 8 20 UNK INITIAL 6 7 18 25	TOTAL		83.4	0	83.4	0	0	0	0	5.2	5.9	5.9	3.0	2.5	2.5	2.5	2.5	0	1.0	1.0	2.0) 4.4	8.	5 8.5) ()	0	0	0	2.0	3.0	4.0	5.0	7.9	0.0	0.0	0.0	0	0	0	0	6.1
AND LOCATION PROD RATES REA- PROCUREMENT LEAD TIME Contraction MIN 1-8-5 Max CH 0+ ADMIN LEAD TIME MANUFACTURING TOTAL AFTER 1 OCT LOCKHEED MARTIN, BURLINGTON, VT 8 20 UNK INITIAL 6 7 18 25 I I REORDER 6 7 18 25						ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR																		SEP	
LOCKHEED MARTIN, BURLINGTON, VT 8 20 UNK PR 1 OCT AFT 1 OCT 1 OCT I INITIAL 6 7 18 25 I REORDER 6 7 18 25		PRO	D RATE	S	REA-						1	PRO	URE	MENT	LEAD	TIME				r –																						Ξ
BURLINGTON, VT 8 20 UNK Image: Constraint of the second se		MIN	1-8-5	MAX	CH 0+										Ŧ	MANU	FACTU	RING		тот				1																		
REORDER 6 7 18 25		8	20	UNK							FNI	001		1100	.1		TIME				100	51																				
				-		INITIA	AL					6	_	7				18				25		-																		
P-1 SHOPPING LIST PAGE PAGE NO. PAGE 1 OF 2 P		<u> </u>				REO	RDER	ł				6		7				18				25		+																		ł
P-1 SHOPPING LIST PAGE PAGE NO. PAGE 1 OF 2 P																																										ļ
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																												PAG	∍⊨ N	٥U.										2	PAGE	5
ITEM NO. 1 NO.5 EXHIBIT P-21														ITE	M NO.		1				NO.	5														EXI	HIBIT	P-21				

FY98/99 BUDGET PRODUCTI		HEDULE			P-1	ITEM	NOM	IENCI	LATUI	RE:		2.75	INCH	I ROO	CKET	мот	OR									DAT	E:	FEB	RUA	RY 19	998										
ITEM/MFG	S E	PROC	ACCPT	BAL				i	FISC	AL Y	EAR)1									FISC	AL Y	EAR	02									FISC	CAL Y	EAR ()3					L A T
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	00	00	00				CAL	ENDA	R YE	AR (1		1						CAL	END	AR YE	EAR)2							CAL	ENDA	R YE	AR 0	3			E R
	v		1-Oc	t 1-Oc	t OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
LOCK MARTIN FY96	AF	30	30	0)																																				0
LOCK MARTIN FY97	AF	25	25	i c)																																				0
UNKNOWN FY98	AF	21.9	21.9	0)																-								-												0
UNKNOWN FY99	AF	6.1	C	6.1	2.0	2.0	2.1																																		0
																					-								-												
																					-								-												
TOTAL		83.0	76.9	6.1	2.0	2.0	2.1	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0
					OCT	NOV	DEC				400				AU C	050	OCT	NOV	DEC			MAR					4110	050	OCT	NOV	DEC			MAD					4110	050	
MANUFACTURER'S NAME	DDC	DD RATE		REA-	001	NUV	DEC	JAN	FED		PRO						001	NUV	DEC	JAN	FED	MAR												SR AR							•
AND LOCATION	MIN		мах	CH 0+													TURIN	2	то	TAL A	TEP		CON	NTRAC	CTOR	PROE	DUCES	S AF, I	NAVY	AND	ARM	/ ITEI	MS OI	N THE	SAME	PRC	DUC	FION I	INE.		
LOCKHEED MARTIN,	8		UNK	01101							OCT	_	T 1 O	СТ	1017 11 1	тім		5	10	1 OC																					
BURLINGTON, VT		20	0		INIT	IAI					6		7				18				25																				
							R				6		7				18				25																				
		1		1	1												10				20		Ť																		-
													P-1 \$	SHOF	PING	LIS	г			PA	GE						PAG	SE N	10.						PAG	E	2	OF	2	PAG	SES
															Э.					NO 4																	T P-2 [.]				

			ITEM JUSTI EXHIBIT P-4			1	DATE FEBRUARY 1	998
	N/BUDGET ACTIV NS AND RELATED	ITY		P-	1 ITEM NOMENCLAT 75 IN ROCKET, FLAR	-		
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		0	0	2562	0	0	0	0
COST (In Millions) REMARKS		\$0	\$0	\$2.693	\$0	\$0	\$0	\$0
FROM A SAFE S MAIN PARACHU ALUMINUM CAS IS SUSPENDED STERABIAN IN 2. THIS ITEM IS CONTRACT/SU	STANDOFF DISTAN ITE, DROGUE PAR SE. THE FUZE ANI FROM THE MAIN THE NEAR INFRAF	NCE IN A HOSTILE RACHUTE ASSEME D CANDLE IGNITE CHUTE. THE CAN RED SPECTRUM, /	E ENVIRONMEN BLY, AND AN IN R ARMING ARE NDLE DESCENE AND A MAXIMU AGER FOR CON	IT. THE M278 ILL ITEGRAL FUZE AI E ACTUATED BY F DS AT 13 FPS, BU M OF 1000 CAND IVENTIONAL AMM	S TO PROVIDE AIRC UMINATING WARHEA ND DELAY ASSEMBL ROCKET MOTOR ACC RNS FOR 180 SECON LEPOWER IN THE VI IUNITION (SMCA). F	AD CONSISTS OF Y. THE WARHEA CELERATION. TH NDS WITH A LIGH SIBILE SPECTRU	AN IGNITION SYS D IS ENCLOSED IN E CANDLE, WHEN TOUTPUT OF 222 M.	TEM, FLARE I AN ACTUATED WATTS PER
			-1 SHOPP IST ITEM NO. 3	PAGE NO. 6				

			AMM	JNITION CO	ST ANALYS	IS	(DOLLARS IN T	THOUSANDS)					
APPROPRIATION AND P-1 LINE	TEM		2.75 IN RO	CKET FLAR					DATE:	FEBRUAR	Y 1998		
ELEMENT OF COST	IDENT		QTY:			QTY:		FY99	QTY:	2,562	1000	QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
COMPLETE ROUND	A							2562	\$983.98	\$2,521			
SUBTOTAL										\$2,521			
PRODUCTION SUPPORT PRODUCTION ENGINEERING QUALITY ASSURANCE ACCEPTANCE TESTING INTERIM TRANSPORTATION INDUSTRIAL STOCK SUPPORT CAWCF GAIN/LOSS SURCHARGE										\$157 \$15			
SUBTOTAL										\$172			
TOTAL P-1 LINE ITEM								2562	\$1,050.08	\$2,693			
			•	P-1 ITEN	4 NO. 3	PAGE	NO. 7			EXHIBIT P-5 PAGE 1 OF 1		<u> </u>	

		ROCUREMENT	HISTORY PLA	-				A. DATE FE	BRUARY 1	998
B. APPROPRIATION/BUD PA	DGET ACTIVITY	D EQUIPMENT			I NOMENCLAT CKET, FLARE I					
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
FY 1997#	THIOKOL CORP@	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 97	JUL 99	1743	764.54			
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	APR 99	OCT 00	2562	1050.08	YES	NO	

	UNCLASSIF	FIED		
	P-1 SHOPP LIST ITEM NO 3	PAGE NO. 8	Exhibit P-5A	
# FY 97 BOUGHT WITH ITEMS LESS THAN \$2,000,000, ROCKETS AND LAUNCHERS; P-1 LINE ITEM # 4 @ THIOKOL CORPORATION ORDNANCE OPERATION, UTAH DIVISION, LOCATED IN BRIGHAM CITY, UTAH				
D. REMARKS				

FY98/99 BUDGET PRODUCTION S	SCHER	NILE			P-1 I	TEM	JOME	NCL	ATURE			2.75	INC		KET F	LARE	IR									DAT	F.		FERF	RUAR	Y 190	8									
ITEM/MFG	S	PROC	ACCPT	BAL	1		101112		FISCA		4 P 08										FISC	AL YE		00		5,111			1 2 01				FISC	AL Y	EARC	10				_	L A
PROCUREMENT YEAR	E R	QTY	PRIOR	DUE	97	97	97		1100/		CALE			2 0 8						1	1100		-			AR 99						1	1100				AR 00			_	T E
	v	QIT	PRIOR 1-Oc			NOV	-		FEB N	- 1			JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB		· ·	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FED	1	APR	1	JUN	JUL	AUG	ED	R
THIOKOL CORP FY97	AF	1.7	1-00	1.7		NOV	DEC	JAIN	FED	AAR .	HFR	MAT	JUN	JUL	AUG	3EP	001	NOV	DEC	JAIN	FED	MAR	APR	MAT	JUN	1.7	AUG	OEP	001	NOV	DEC	JAIN	FED	MAR	APR	IVIAT	JUN	JUL	AUG C	DEP	
	AF	2.5		2.5															-				с			1.7														_	2.5
UNKNOWN FY99	AF	2.5	U	2.5															-				C																	_	2.5
																			-																					_	
																			_																					_	
									_										1																						
TOTAL		4.2	0	4.2	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0 0.0	0.0	0.0	0.0	0.0	0	0	1.7	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	2.5
ion.c			,				0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.1	0.0	, 0.0	0.0	0.0	0.0				Ŭ		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-	0		2.0
					ост	NOV	DEC	JAN	FEB	AR .	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	EP	
MANUFACTURER'S NAME AND LOCATION	PRO	D RATES	6	REA-							PROC	UREN	IENT	LEAD	TIME								REM	MARKS	S: FY	1997 E	DELIVE	RIES	ARE E	BASED	ON A	ACTUA	AL CO	NTRA	CT D	ELIVE	RY SC	HEDU	LE.		
	MIN	1-8-5	мах	CH 0+						ADM	IN LEAD	TIME			MANU	FACTUR	ling		TOT	AL AFT	ER																				
THIOKOL CORP, BRIGHAM CITY,UTAH	2	6	15	0					-	PR 1 0	DCT	AF	T 1 OC	т		TIME				1 00	т																				
,				0	INITI	AL					6		7				18				25																				
					REO	RDEF					6		7				18				25																				
		1													L								ł																		
													P-1 S	HOPF	PING L	IST				PAG	GE		L				PAG	E N	0.						PAG	E	1	OF	2 1	PAGES	\$
														MNO		3				NO.	g																нівіт				
																3				140.	5																	21			

FY98/99 BUDGET PRODUCTI	ON SC	HEDULE			P-1	TEM	NOM	ENC	LATU	JRE:		2.75	INCH	H RO	CKE.	T FLA	REI	R								DAT	E:	FEE	BRUA	RY 1	998										
ITEM/MFG PROCUREMENT	SE	PROC	ACCPT	BAL					FISC	AL YI	EAR (01									FISC	CAL Y	'EAR	02									FIS	CAL Y	/EAR	03					A
YEAR	R V	QTY	PRIOR	DUE	00	00	00				CALE	ENDA	AR YI	EAR	01								CAL	END	AR YI	EAR	02							CAL	END	AR Y	EAR	03			E R
	Ι		1-Oct	1-Oct	t OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
THIOKOL CO FY97	AF	1.7	1.7	0)																																				0
UNKNOWN FY99	AF	2.5	0	2.5	1.0	1.5																																			0
TOTAL		4.2	1.7	2.5	5 1.0	1.5	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0 0) (0	0	0	0	0
MANUFACTURER'S NAME	DDC	DD RAT		REA-	OCT	NOV	DEC	JAN	FEB		PRO							NOV	DEC	JAN	FEB	MAR		MAY		JUL	AUG	SEP	001	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
AND LOCATION	MIN	1-8-5	MAX	CH 0+												UFAC		0	то)TAL A	ETED		-																		
THIOKOL CORP,	2.0		15.0						ŀ		OCT		T 1 O	ст	WAN	TIM		G	10	1 00																					
BRIGHAM CITY, UTAH	2.0	0.0	10.0								6	-	7			1114	18				25																				
				0.0	-		P				6		7				18				25		-																		
	-	I	I	I		E					0						10		-		20		ł																		-
													P-1 9	SHO	PIN	G LIS	т			PA	GE		L				PA	GE	NO.						PAG	ЭE	2	OF	2	PAG	ES
															0.					NO.		10																			
															2.	2																									
	1																																								

		BUDGE	T ITEM JUSTIF					DATE	
			(EXHIBIT P-40)				FEBRUARY	1998
	ON/BUDGET ACTI			-		EM NOMENCLATU			
PAAF/MUNITIC	NS AND RELATE		1	1				S AND LAUNCHEF	
	FY 1996	FY 1997	FY 1998	FY 1999		FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY									
COST (In Millions)		\$1.334	\$.050	\$2.0	42	\$2.265	\$2.287	\$2.324	\$2.676
REMARKS									
	ER COMPONENTS		NCHERS, METEC	ROLOGIC	AL ROC	KETS FOR GATH	ERING WEATHER	R DATA, AND VARI	OUS ROCKET
	HAVE AN ANNUAI		T VALUE OF LES	S THAN \$2	,000,000	AND ARE CODE	A. ITEMS REQU	ESTED ARE IDEN	IFIED ON THE
	107 (1								
			P-1 SHOPP	PAGE NO.	11				
			LIST ITEM NO. 4						

BUDGET ITEM JUSTIFICATION FOR AGG	REGATED ITEN	IS (EXHIBIT P-	40A)				DATE:	FEBRUARY 199	18
APPROPRIATION/BUDGET ACTIVITY PAAF/MUNITIONS AND RELATED EQUIF	PMENT				P-1 NOMENCLA	ATURE: HAN \$2,000,000 (0
	IDENT	FY	97	FY	98	FY			´ 00
PROCUREMENT ITEMS	CODE	QTY	COST	QTY	COST	QTY	COST	QTY	COST
2.75 INCH SIGNATURE WARHEAD (H872)	А					12,168	\$861		
2.75 INCH ILLUMINATION ROCKET	A					1,368	\$1,181		
TOTAL P-1 LINE ITEM							\$2,042		
			P-1 ITEM NO		PAGE NO: 12		P-40a PAGE 1 OF 1		

		BUDGET	ITEM JUSTI	FICATION				DATE	
		(EXHIBIT P-40))				FEBRUARY 199	98
	I/BUDGET ACTIVI					EM NOMENCLA	TURE		
PAAF/MUNITIO	NS AND RELATED		1		5.56 N				
	FY 1996	FY 1997	FY 1998	FY 1999		FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY (In Thousands)		17,487	22,808	20,274		19,034	19,034	19,034	19,034
COST (In Millions)		\$6.714	\$7.421	\$5.394		\$7.301	\$7.456	\$7.600	\$7.749
BE ARMED TO D HIGHER RATE O WAR RESERVE S MAINTAIN DELIV 2. THE FY 98 AN	EFEND AIR FORC F FIRE. FORCES STOCKS, ANNUAL ERY FLOW TO INI	E RESOURCES F SUPPORTED AR REQUALIFICATI DIVIDUAL UNITS. MS ARE FOR 5.50	FROM ATTACK (E PRIMARILY SI ON TRAINING R 6MM BALL (A07	OR TO REPEL 1 ECURITY AND / REQUIREMENTS	ERRC AIR BA S, INIT	DRISTS. THE SA SE DEFENSE PI IAL TRAINING AI	W HAS THE SAM ERSONNEL. TO LOWANCES AN	Y ALL PERSONNEL I IE BASIC MISSION E FAL REQUIREMENT D A PIPELINE STOC IKED (A062) AND 5.4	BUT HAS A S INCLUDE CK LEVEL TO
3. FY 98/99 QU/	ANTITIES DIFFER	FROM P-1 ENTR	ES DUE TO UP	DATED COST E	STIMA	ATES.			
		FUND (CAWCF) S	STANDARD PRI	CING. FY 99 C				ASED ON CONVEN	
			1 SHOPP ST ITEM NO. 5	PAGE NO. 13					

APPROPRIATION AND P-1 LINE IT PAAF	EM		5.56MM						DATE:	FEBRUARY 19	0		
ELEMENT OF COST	IDENT		QTY:	0	FY98	QTY:	1347	FY99	QTY:	1199	90	QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
							-			-			-
IARDWARE													
5.56MM BALL M855 LINKED (A062)	А												
LOAD, ASSEMBLE & PACK (LAP)					1347	\$0.34	\$461	1199	\$0.32	\$388			
PROPELLANT MC844 (LB)					6	\$6.55	\$35		• • •	•			
LINK M27					_	\$0.02	\$23						
						φ0.02	φ20						
SUBTOTAL							\$519			\$388			
SUBTOTAL							φ315			4300			
PRODUCTION SUPPORT													
							¢50			6 4.4			
							\$53			\$14			
							\$1						
ACCEPTANCE TESTING							\$6						
NTERIM TRANSPORTATION							\$4						
NDUSTRIAL STOCK SUPPORT							\$19			\$8			
CAWCF GAIN/LOSS SURCHARGE													
SUBTOTAL							\$83			\$22			
TOTAL 5.56MM BALL													
LINKED, FOR SAW (A062)					1347	\$0.45	\$602	1199	\$0.34	\$410			
							-						
				P-1 ITEN		PAGE N	10 14			EXHIBIT P-5			
						FAGEN	0.14			EVHIPH F-3			

			AMMU	JNITION COS	ST ANALYSI	S	(DOLLARS IN 1	HOUSANDS)					
APPROPRIATION AND P-1 LINE ITI	EM								DATE:				
PAAF			5.56MM							FEBRUARY	1998		
ELEMENT OF COST	IDENT	FY97	QTY:	3488	FY98	QTY:	970	FY99	QTY:	3359		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
5.56MM BALL TRACER, SAW (A064)	А												
LOAD, ASSEMBLE & PACK (LAP)	~	3488	\$0.40	\$1,401	970	\$0.38	\$367	3359	\$0.35	\$1,188			
PROPELLANT MC844T (LB)		3	\$5.83	\$16	1	\$6.55	\$5	0000	\$0.00	\$1,100			
PROPELLANT MC844 (LB)		11	\$5.83	\$67	3	\$6.55	\$20						
LINK M27		3561	\$0.02	\$53	990	\$0.02	\$20 \$17						
		3001	\$U.UZ	\$ 00	990	φ0.02	φ17						
SUBTOTAL				\$1,537			\$409			\$1,188			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING				\$63			\$42			\$16			
QUALITY ASSURANCE				\$2			\$1			\$1			
ACCEPTANCE TESTING				\$17			\$5						
				\$15			\$3						
INDUSTRIAL STOCK SUPPORT				\$10			\$13			\$24			
CAWCF GAIN/LOSS SURCHARGE				\$180			¢.c			Ψ <u></u> .			
				\$100									
SUBTOTAL				\$277			\$64			\$41			
TOTAL 5.56MM BALL TRACER													
FOR SAW (A064)		3488	\$0.52	\$1,814	970	\$0.49	\$473	3359	\$0.37	\$1,229			

				INITION COS	T ANALYSI	S	(DOLLARS IN 1	THOUSANDS					
						•	UULLANG IN I	100341003)					
APPROPRIATION AND P-1 LINE I	ГЕМ								DATE:				
PAAF			5.56MM							FEBRUARY	1998		
ELEMENT OF COST	IDENT	FY97	QTY:	13999	FY98	QTY:	20490	FY99	QTY:	14831		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTA
HARDWARE													
5.56MM BALL (A071)	А												
	~	12000	¢0.26	¢2 575	20400	¢0.02	¢4 776	14021	¢0.00	¢2 225			
LOAD, ASSEMBLE & PACK (LAP)		13999		\$3,575	20490		\$4,776	14831 18		\$3,325			
METAL BOX M2A1		17	\$5.07	\$87	25	\$5.74	\$143	18	\$5.57	\$101			
PROPELLANCE WC844 (LB)		56	\$5.83	\$326	85	\$6.55	\$556						
SUBTOTAL				\$3,988			\$5,475			\$3,426			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING				\$182			\$560			\$20			
QUALITY ASSURANCE				\$6			\$14			\$2			
ACCEPTANCE TESTING				\$43			\$63			+-			
NTERIM TRANSPORTATION				\$38			\$03 \$39			\$2			
NDUSTRIAL STOCK SUPPORT				\$157			\$195			\$68			
CAWCF GAIN/LOSS SURCHARGE				\$486									
SUBTOTAL				\$912			\$871			\$92			
TOTAL 5.56MM BALL(A071)		13999	\$0.35	\$4,900	20490	\$0.31	\$6,346	14831	\$0.24	\$3,518			

				5						PAGE 3 OF4			
			AMMU	UNITION COS	ST ANALYS	IS	(DOLLARS IN	THOUSANDS)					
APPROPRIATION AND P-1 LINE ITEM									DATE:				
PAAF			5.56MM							FEBRUARY	1998		
ELEMENT OF COST	IDENT	FY97	QTY:	0	FY98	QTY:	0	FY99	QTY:	885		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTA
ARDWARE													
5.56MM BLANK, SAW (A075)	А												
LOAD, ASSEMBLE & PACK (LAP)	~							885	\$0.26	\$228			
								005	\$0.20	φ220			
PROPEELANT MC814 (LB)													
LINK M27													
SUBTOTAL										\$228			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING										\$4			
QUALITY ASSURANCE													
ACCEPTANCE TESTING													
NTERIM TRANSPORTATION													
NDUSTRIAL STOCK SUPPORT										\$5			
CAWCF GAIN/LOSS SURCHARGE										φ5			
LAWCF GAIN/2033 SURCHARGE													
SUBTOTAL										\$9			
TOTAL 5.56MM BLANK,													
FOR SAW (A075)								885	\$0.27	\$237			
TOTAL P-1 LINE ITEM				\$6,714			\$7,421			\$5,394			

	BUDGET PROC	UREMENT HIS	STORY PLAN	NING (P-5A	N)			A. DATE FEI	E BRUARY 1	998
B. APPROPRIATION/BUDGET ACTIVIT				C. P-1 ITEN	NOMENCLA			1		
	ONS AND RELATED E			414/4 5 5			56MM	SPECS	0050	
LINE ITEM/ FISCAL YEAR	CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
5.56MM BALL, M855 LINKED, FOR SAW (A062)										
FY 1998	OLIN/LCAAP#	SS/CPAF	ARMY/IOC (AFMC/OO-ALC)	NOV 97	OCT 98	1,347,000	.45			
FY 1999	OLIN/LCAAP	SS/CPAF	ARMY/IOC (AFMC/OO-ALC)	NOV 98	OCT 99	1,199,000	.34	YES	NO	
5.56MM BALL TRACER FOR SAW (A064)										
FY 1997	OLIN/LCAAP#	SS/CPAF	AMRY/IOC (AFMC/OO-ALC)	MAR 97	OCT 97	3,488,000	.52			
FY 1998	OLIN/LCAAP	SS/CPAF	AMRY/IOC (AFMC/OO-ALC)	NOV 97	OCT 98	970,098	.49			
FY 1999	OLIN/LCAAP	SS/CPAF	ARMY/IOC (AFMC/OO-ALC)	NOV 98	OCT 99	3,359,000	.37	YES	NO	
***CONTINUED ON NEXT PAGE ***										

D. REMARKS #OLIN CORPORATION IS PRODUCING THESE ITEMS AT LAKE CITY ARMY AMMUNITION PLANT, INDEPENDENCE, N	MO.										
	P-1 SHOPP LIST ITEM NO. 5	PAGE 18	Exhibit P-5A PAGE 1 OF 2								

BUDGET PROCUREMENT HISTORY PLANNING (P-5A) A. DATE **FEBRUARY 1998 B. APPROPRIATION/BUDGET ACTIVITY** C. P-1 ITEM NOMENCLATURE **PAAF/MUNITIONS AND RELATED EQUIPMENT** 5.56MM (CONTINUED) CONTRACTOR/ QUANTITY LINE ITEM/ CONTRACT CONTRACTED AWARD DATE OF UNIT SPECS SPEC IF YES, AVAIL FISCAL YEAR LOCATION METHOD ΒY DATE FIRST COST REV WHEN NOW & TYPE DELIVERY REQ'D AVAIL 5.56MM BALL (A071) SS/CPAF FY 1997 OLIN/LCAAP# ARMY/IOC MAR 97 OCT 97 13,999,440 .35 (AFMC/OO-ALC) SS/CPAF FY 1998 OLIN/LCAAP ARMY/IOC NOV 97 **OCT 98** 20,490,345 .31 (AFMC/OO-ALC) SS/CPAF OCT 99 OLIN/LCAAP NOV 98 14,831,000 NO FY 1999 ARMY/IOC .24 YES (AFMC/OO-ALC) 5.56MM BLANK, M200, LINKED FOR SAW (A075) FY 1995 OLIN/LCAAP# SS/CPAF ARMY/IOC APR 95 DEC 95 1,456,000 .27 (AFMC/OO-ALC) FY 1999 OLIN/LCAAP SS/CPAF NOV 98 OCT 99 885,000 .27 NO ARMY/IOC YES (AFMC/OO-ALC)

D. REMARKS #OLIN CORPORATION IS PRODUCING THESE ITEMS AT LAKE CITY ARMY AMMUNITION PLANT, INDEPENDE	NCE, MO.									
	P-1 SHOPP LIST ITEM NO. 5	PAGE 19	Exhibit P-5A PAGE 2 OF 2							
UNCLASSIFIED										

FY98/99 BUDGET PRODUCT					D 1 I		NOMEN					5.56	454													DA	rc.			RY 199	0											
	S	5			F-11		NOWER	ICLAT					VIIVI								FIGO			0		DA	L.	FEI	RUA	1 199	0		FIC			0						L
ITEM/MFG PROCUREMENT	F		ACCPT				_			AL YE							-			1															EAR 0							A T E
YEAR	V	QTY	PRIOR	DUE	97	9	7 97	, 	CALE	ENDAF	R YEA	R 98						1			CAL	ENDA	R YE	AR 99						1			CAL	ENDA	R YEA				—			R
			1-C	lct 1-0	ct OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	/ JUN	I JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	Y JU	JN JU	L AI	UG	SEP	
5.56MM BALL M855 SA		Ì	T Ó																						_		-									_						
OLIN/LCAAP FY98	AF			0 1.	3	С			_								.5	5 .5	.3	i 			_		_	_	_		_				_		_	_			—	_		0
OLIN/LCAAP FY99	AF	- 1.	2	0 1.	2		-		_									С					_	_	_	_	_	_	1.2	2			_		_	_	_		_			0
						<u> </u>			_														-		_	_	_				<u> </u>		-		_	_			+			
5.56MM BALL TRACER	SAW	/ (A064)																																					-			
OLIN/LCAPP FY97	AF	3.	5	0 3.	5.2		2.1	1.0	0 1.0) 1.0)																															С
OLIN/LCAPP FY98	AF	.9	7	0.9	7	С											.1	.1	.1	.2	.2	.27																				c
OLIN/LCAPP FY99	AF	3.	4	0 3.	4													с											1.4	1.0	1.(D										C
5.56MM BALL (A071)																																										<u> </u>
OLIN/LCAAP FY 97	AF	14.	0	0 14.	0 1.3	2.5	.7	2.	8 3.0	3.7																																L
OLIN/LCAAP FY 98	AF	20.	5	0 20.	5	с											1.0	1.0	1.0	2.0	2.0	2.0	0 2.	0 2	2.0 2	.0 1.	5 2.	0 2.	b													L
OLIN/LCAAP FY 99	AF	14.	8	0 14.	8													с											1.(1.0	1.0) 1.	0 1.0	2.0	1.	0 1	.0	1.0	1.0	2.0	1.8	0
			_	_			_																				_												_			
5.56MM BLANK SAW (A	075)	_	_				_																				_															
OLIN/LCAPP FY99	AF	.8	9	8. 0	9				_					-				с									_		.89							_			\perp			С
				_	-												-		-		-	-	_	-	_	_	-	-					_			_			+			
		50	<u>_</u>	0 50	0 4 6	2.	7 0		0 40) 4.7	7 .0	.0	.0	.0	.0	.0		6 1.6		2.2	2.2			0 2	2.0 2	.0 1.	- 0	0 2.0		5 2.0) 2.0				0 1			4.0	1.0	2.0	4.0	
TOTAL		59.	6	.0 59.	6 1.5	2.	7.8	3 3.6	8 4.0	9 4.7			.0	.0	.0) 1.6	5 1.6	1.4	2.2	2.2	2 2.0	0 2.	0 2	2.0 2	.0 1.	5 2.	0 2.	0 4.5	0 2.0	2.0	J 1.	0 1.0) 2.	0 1.	0 1	.0	1.0	1.0	2.0	1.8	
				_	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR								NOV									iL Al	UG	SEP	
MANUFACTURER'S NAME AND LOCATION	PF	ROD RAT	ES	REA-						T	PRO	CURE	MENT	LEAD	D TIME	E			1				REI	MARK	KS: LC	CAAP =	LAKE	CITY	ARM	' AMM	JNITI	ON PL	ANT.	QUAN	ΙΤΙΤΥ Ι	N MIL		NS.				
OLIN/LCAAP, A062	мі	N 1-8-5	МАХ	CH 0+							MIN LE				MANU	JFACT	URING		то	TAL AF																						
INDEPENDENCE, MO. A064		0 15.0	8 52	.1						PR 1	OCT	AF	T 1 OC	Г		TIME	E			1 00	т																					
A071	A064	¥0 11.	5 39	.3	INITI	AL					6		2				11				13																					
A075		0 20.	9 72	.8	REO	RDEF	2				6		2				11				13																					
		0 14.	1 48	.7									P-1 S	HOPF	PING L	IST				PA	GE						PAG	BE N	0.						PAG	θE	1	0	F	1		
													ITE	M NO						NO.	20															EX	HIBIT	T P-21				
															5																											

			TITEM JUSTIF					DATE FEBRUARY 1998	
	N/BUDGET ACTIV NS AND RELATED	ΊΤΥ		/		TEM NOMENCLA M TRAINING	TURE		
	FY 1996	FY 1997	FY 1998	FY 1999	00 11	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY (In Thousands)		408	3,543	777		2,160	2,170	2,188	2,507
COST (In Millions)		\$3.160	\$26.080	\$5.495		\$17.361	\$17.783	\$18.285	\$21357
A-10 AIRCRAFT THE PROJECTII INCENDIARY (A 2. THIS ITEM IS AMMUNITION W	AND THE GPU-5/, LE IS A SOLID SLU PI) CARTRIDGES. PROCURED BY 1 /ORKING CAPITAL	A 30MM GUN POD JG DESIGNED TO THE SINGLE MANA FUND (CAWCF) OM P-1 ENTRIES	ON THE F-16 A MATCH THE BA AGER FOR CON STANDARD PRIO DUE TO UPDAT	IRCRAFT. THE LLISTICS OF H VENTIONAL AN CING. FY 99 C ED COST ESTI	E CAR IIGH E /IMUN OST E	TRIDGE IS MECH EXPLOSIVE INCE IITION. FY 97/98 BASED ON ESTIN	IANICALLY PRIM NDIARY (HEI) AN COSTS ARE BAS	THE GAU-8/A CAI ED AND HAS NO F D ARMOR PIERCIN ED ON CONVENTION T/SUPPORT COST	UZE, WHILE IG ONAL
			-1 SHOPP IST ITEM NO. 7	PAGE NO. 21					

			AMMU	JNITION COS	ST ANALYS	IS	(DOLLARS IN T	THOUSANDS)					
APPROPRIATION AND P-1 LINE I	TEM								DATE:				
PAAF			30MM TRAI	NING						FEBRUARY 199	98		
ELEMENT OF COST	IDENT	FY97	QTY:	408	FY98	QTY:	3543	FY99	QTY:	777		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE LOAD, ASSEMBLE, AND PACK (LAP)	А	408250	\$5.86	\$2,396	3543150	\$6.40	\$22,676	777400	\$6.68	\$5,194			
CONTAINER CNU-332E	~												
		719	\$269.33	\$198	6379	\$178.56	\$1,139	1400	\$110.19	\$155			
TUBE		418789	\$0.15	\$64	3632386	\$0.17	\$632						
STRAP		841663	\$0.03	\$24	7300210	\$0.03	\$234						
SUBTOTAL				\$2,682			\$24,681			\$5,349			
PRODUCTION SUPPORT													
QUALITY ASSURANCE				\$4			\$62			\$5			
ACCEPTANCE TESTING				\$29			\$284			\$20			
NTERIM TRANSPORTATION				\$25			\$178			\$3			
INDUSTRIAL STOCK SUPPORT				\$107			\$875			\$118			
CAWCF GAIN/LOSS SURCHARGE				\$313			<i>\$</i> 0.0			¢110			
CAWEF GAINLOSS SURCHARGE				\$313									
SUBTOTAL				\$478			\$1,399			\$146			
TOTAL P-1 LINE ITEM		408250	\$7.73	\$3,160	3543150	\$7.36	\$26,080	777400	\$7.06	\$5,495			
		-		P-1 ITE	M NO.	PAGE	NO. 22			EXHIBIT P-5		-	•
										PAGE 1 OF 1			

	BUDGET PROC			-	-			A. DATI FE	E BRUARY 1	1998
B. APPROPRIATION/BUDGET ACTI	VITY ITIONS AND RELATED I			C. P-1 ITE			TRAINING			
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
30MM TRAINING										
FY 1997	PRIMEX@	C/FP	ARMY/IOC (AFMC/OO-ALC)	DEC 97	SEP 98	408250	7.73			
FY 1998	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 98	MAR 99	3543150	7.36	YES	NO	
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 99	MAR 00	777400	7.06	YES	NO	

D. REMARKS @ PRIMEX TECHNICAL SYSTEMS IS LOCATED IN MARION, IL												
	P-1 SHOPP LIST ITEM NO. 7	PAGE 23	Exhibit P-5A									
UNCLASSIFIED												

FY98/99 BUDGET PRODUCTIC	N SCHEE	DULE			P-1 ľ	TEM N	I NOMENCLATURE: 30MM TRAINING															DATE: FEBRUARY 1998																			
ITEM/MFG	S E	PROC	ACCPT	BAL					FISC	AL YE	AR 98	3									FISC	AL YE	AR 9	9					FISCAL YEAR 00									L A T			
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	97	97	97				CALE	NDAF	R YEA	AR 98									CALE	ENDA	R YE	AR 99)						_	CALE	INDA	R YE	AR 00)			E R
	Î		1-Oct	1-Oct	OCT	NOV	DEC	JAN	FEB	MAR	APR N	AY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
PRIMEX TECH FY97	AF	0.41	0	0.41			с									.10	.10	.10	.11																						0
UNKNOWN FY98	AF	3.54	0	3.54						с												.29	.29	.29	.29	.29	.29	.29	.29	.29	.31	.31	.31								0
UNKNOWN FY99	AF	0.78	0	0.78																		С												.30	.30	.18					0
TOTAL		4.73	0	4.73	0	0	0	0	0	0	0	0	0	0	0.0	.10	.10	.10	.11	0	0	.29	.29	.29	.29	.29	.29	.29	.29	.29	.31	.31	.31	.30	.30	.18	.00	.00	.00	.00	0
MANUFACTURER'S NAME					OCT	NOV	DEC	JAN	FEB		APR N						OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
AND LOCATION	PROD	RATES		REA-							PROC	URE	MEN	T LEA	D TI	ME								NTITI						.											
PRIMEX TECH.	MIN	1-8-5	MAX	CH 0+						ADM PR 1	AIN LEA	_	IE Г 1 ОС		MANU	JFACTL	JRING		TOT	AL AF				DUCT RKLO/		SCHE	DUL	E BA	SED	ON I	JIAL	. PRC	JECI	ED N	IEDIU	IM CA	LIBE	R AMI	MUNI	IION	
MARION, ILL	0.15	0.38	0.70													TIME																									
					INITI						6	-	6				12				18		_																		
		1	1		REO	RDER				6 6							12				18																				
										P-1 SHOPPING LIST							ST PAGE					PAGE NO.										PAGE 1 OF 1									
										ITEM NO. 7									NO.	24														ΕX	EXHIBIT P-21						

			TITEM JUSTIFI					DATE FEBRUARY 1998	
	N/BUDGET ACTIVI	ITY				EM NOMENCLATU			
	FY 1996	FY 1997	FY 1998	FY 1999	-	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY (In Thousands)		0	845	79	15	801	802	668	821
COST (In Millions)		\$0	\$12.088	\$11.6	661	\$11.568	\$11.809	\$10.032	\$12.580
DIPOLES FOR T MULTIPLE CART AN/ALE-40 DISP 48 CARTRIDGE. 2. THE CHAFF (HE PURPOSE OF TRIDGE MAGAZINI ENSING SYSTEM	INTERRUPTING T E (MJU-11) WHICH ON THE A-10, F-1 SISTS OF A TWO-4 HAMBERS WITH E	THE TRACKING OF H IS INSTALLED IN 111, F-16, C-130 AN CHAMBER SQUAR DIPOLES, AND TW	F THE FLIC N AN AN/AL ND C-5 AIR RE PLASTI	GHT PAT LE-45 CH CRAFT. IC TUBE R END C	TH BY RADAR EQU HAFF FLARE DISPE THE RR-180 IS DI	JIPMENT. THE C ENSING SYSTEM ISPENSED FROM	REQUENCY REFLEC CHAFF CARTRIDGE I ON THE F-15 AND I THE MAGAZINE V R AN IMPULSE CAR END CAP LUGS.	FITS INTO A IN AN VITH A BBU-
			IST ITEM NO. 8	AGE NO. 2	20				

			AMM	UNITION CO												
APPROPRIATION AND P-1 LINE ITEM PAAF			CARTRIDGE		2-180				DATE:	FEBRUARY 19	008					
ELEMENT OF COST	IDENT	FY97	QTY:	0	FY98	QTY:	845	FY99	QTY:	795	550	QTY:				
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL			
<u>RR-180</u> HARDWARE	А				844680	\$6.73	\$5,685	795000	\$6.89	\$5,477						
<u>BBU-48</u> HARDWARE	A				844680	\$7.58	\$6,403	798000	\$7.75	\$6,184						
TOTAL P-1 LINE ITEM							\$12,088			\$11,661						
				P-1 ITEN 8		PAG	E NO: 26			EXHIBIT P-5 PAGE 1 OF 1						

	BUDGET PROC	UREMENT HI	STORY PLAN	NING (P-5	4)			A. DATE FE	BRUARY 1	998
B. APPROPRIATION/BUDGET ACTIV	/ITY			C. P-1 ITEN	I NOMENCLA	TURE				
PAAF/MUNI	FIONS AND RELATED E	E CHAFF RR-180								
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
CARTRIDGE CHAFF RR-180										
FY 1996	TRACOR *	MIPR/C/FP	NAVY/NOC (AFMC/OO-ALC)	SEP 96	JUL 97	549960	6.00			
FY 1998	UNKNOWN	MIPR/C/FP	NAVY/NOC (AFMC/OO-ALC)	38 AUL	MAR 99	844680	6.73	YES	NO	
FY 1999	UNKNOWN	MIPR/C/FP OPTION	NAVY/NOC (AFMC/OO-ALC)	FEB 99	MAR 00	795000	6.89	YES	NO	
IMPULSE CART BBU-48										
FY 1996@	QUANTIC #	C/FP	AFMC/OO-ALC	SEP 96	MAY 97	338976	7.25			
FY 1996@	CAPCO \$	C/FP	AFMC/OO-ALC	SEP 96	DEC 97	225984	6.58			
FY 1998	UNKNOWN	C/FP	AFMC/OO-ALC	JUL 98	APR 99	844680	7.58	YES	NO	
FY 1999	UNKNOWN	C/FP OPTION	AFMC/OO-ALC	FEB 99	APR 00	798000	7.75	YES	NO	
Γ										

D. REMARKS * TRACOR IS LOCATED IN LILLINGTON, NC. @ FY 96 PROCUREMENT WAS AWARDED IN A 60/40 SPLIT BETWEEN TWO CONTRACTORS. # QUANTIC IS LOCATED IN HOLLISTER, CA. \$ CAPCO IS LOCATED IN GRAND JUNCTION, CO.			
	P-1 SHOPP LIST ITEM NO. 8	PAGE 27	Exhibit P-5A
l	JNCLASSI	FIED	

FY98/99 BUDG	ET PRODUCTIO	ON SCH	EDULE			P-1	ITEM I	NOME	ENCLA	ATURE	E:	CARTRIDGE CHAFF RR-180													DATE: FEBRUARY 1998																		
ITEM/ PROCUF		S E	PROC	ACCPT	BAL		<u>г г</u>		F	ISCA	L YEA	AR 98	3								r	FISC	AL YE	EAR	99									F	ISC/	AL YE	AR 00)					L A T E
YE	AR	R V I	QTY	PRIOR	DUE	97								R YEA		1											EAR 9						_			CALE							R
RR-180				1-Oct	1-Oc	t OCT	NOV	DEC .	JAN F	EB M.	AR A	PR N	AY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	S SEF	001	r nc	DV DE	EC J	IAN F	ΈB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
TRACOR	FY96	AF	550	180	370	60	60	60	60	60	70																												1				
UNKNOWN	FY98	AF	845	0	845	5								С									71	71	71	7'	1 7 [.]	1 7	71 7	1 7	71	71	71	71	64								
UNKNOWN	FY99	AF	795	C	795	5																с														67	67	68	68	3 68	68	68	32
BBU-48																																											
CAPCO	FY 95	AF	131	51	80	40	40																							_													
QUANTIC	FY96	AF	339	163	176	6 40	40	40	40	16																																	
CAPCO	FY 96	AF	226	0	226	6		29	40	40	40	40	37																	_													
UNKNOWN	FY98	AF	845	0	845	5									с									71	71	7.	1 7 [.]	1 7	71 7	1 7	71	71	71	71	71	64							
UNKNOWN	FY99	AF	798	0	798	3																С					_	_	_	_							68	68	68	68	68	68	39
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																														+													
						ост	NOV	DEC	JAN F	ЕВ М.	AR A	PR N	ЛАY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	S SEF		r nc	DV DE	EC J	IAN F	EB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MANUFACTUR AND LOCATIO		PROE	RATES		REA-						P	PROC	URE	MENT	T LEA		ME																	CTUR N BRE									
		MIN	1-8-5	MAX	CH 0+						ADMI					MAN	IUFAC	TURIN	G	то	TAL AF													CE CH							/ı∟(I		. 30
TRACOR LILLINGTON, N QUANTIC	NC	N/A	N/A	N/A	ļ					F	PR 1 0	СТ	AFT	1 001	Т		TIM	E			1 OC	т																					
QUANTIC HOLLISTER, C CAPCO	CA	N/A	N/A	N/A		RR-	180							5				13				18		l																			
GRAND JUNC	TION, CO	N/A	N/A	N/A		BBU	J-48							5				14				19																					
														P-1 S	HOP	PING	IS LIST	•			PAG	GE						PA	GE I	NO.							PAG	E	1	OF	2	PAG	ES
														ITE	MNC	D.					NO.	2	28															EX	HIBI	T P-21			
																8																											

FY98/99 BUDGET PRODUCTIO	ON SCH	EDULE			P-1 I	TEM	NOME	ENCL	ATUR	E:		CAR	rrid	GE CI	HAFI	RR-	180									DAT	E:	FEE	BRUA	RY 1	998									
ITEM/MFG PROCUREMENT	S E	PROC	ACCPT	BAL					FISCA	AL YE	AR 0	1									FISC	AL YI	EAR	02								1	FISC	CAL Y	'EAR	03				L A T
YEAR	R V	QTY	PRIOR	DUE							CALE	NDAF	R YEA	AR 01									CAL	END	AR Y	EAR	02	1		1	1		1	CAL	END	AR Y	EARC)3		E R
	v		1-Oct	1-Oct	ост	NOV	DEC	JAN F	ЕВ М	/AR	APR	MAY JI	UN J	UL A	UG	SEP C	DCT N		DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG SE	ΕP
RR-180																																								
TRACOR FY96	AF	550	550	0																																				(
UNKNOWN FY98	AF	845	845	0																																				(
UNKNOWN FY99	AF	795	474	321	68	68	68	68	49			_	_		_	_		_																						(
BBU-48																																								
CAPCO FY 95	AF	131	131	0																					<u> </u>	<u> </u>	<u> </u>		<u> </u>	 		<u> </u>		<u> </u>	<u> </u>	<u> </u>	 			0
QUANTIC FY96	AF	339	339	0																																				0
CAPCO FY 96	AF	226	226	0																																				C
UNKNOWN FY98	AF	845	845	0																																				C
UNKNOWN FY99	AF	798	408	390	68	68	68	68	68	50																														0
									_																															
								_				_	-			-	-	_									-								-					
MANUFACTURER'S NAME					ОСТ	NOV	DEC	JAN F	EB	/AR	APR	MAY J	JN J	UL A	UG	SEP C	DCT N		DEC	JAN	FEB	MAR																	AUG SE	
AND LOCATION		D RATE		REA-								CURE											PRO	DDUC	TION	ADJU	STED	TO A	VOID	PROD	UCTI	ON B	REAK	S AT I	EACH	CON		T FACI		FY 96 ALT
TRACOR	MIN	1-8-5		CH 0+	ł				-	ADN PR 1 (AD TIM	E 1 OC ⁻			FACTU	JRING		тот	TAL AF			INC	REAS			x-160	СПАГ		EIUI	RIGE	CHA		GEDI	GOV		VIEINI.			
LILLINGTON, NC QUANTIC	N/A	N/A	N/A										-			TIME							-																	
HOLLISTER, CA CAPCO	N/A	N/A	N/A		RR-1	180							5	\rightarrow		1	3				18		-																	
GRAND JUNCTION, CO	N/A	N/A	N/A		BBU	-48							5			1	4				19																			
												F	P-1 SH	HOPP	ING	LIST				PAC	θE						PA	GE	NO.						PAC	θE	2	OF	2 P	AGES
													ITEN	/I NO.						NO.	2	29													E	XHIB	IT P-2	1		
																8																								

			T ITEM JUSTIF (EXHIBIT P-40					DATE FEBRUARY 1998	
	N/BUDGET ACTIN					I ITEM NOMENCLA RTRIDGE CHAFF			
	FY 1996	FY 1997	FY 1998	FY 1999	T CA	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY (In Thousands)		507	0	876		1797	1805	1820	2227
COST (In Millions)		\$1.384	\$0	\$2.548		\$4.361	\$4.472	\$4.597	\$5.734
THE FUNCTION CHAFF CARTRI OF THE ALE-40 SEVERELY LIMI NOT INTERFER 2. THE RR-188 INCHES LONG	IAL CHARACTERIS DGES, THE RR-18 SERIES FLARE/C ITED BY FAA REG E WITH AIR TRAF CHAFF CARTRIDO WITH A RECEPTA	STICS ARE SIMIL/ 88 CARTRIDGE FI CHAFF DISPENSIN GULATIONS DUE T FIC CONTROL RA GE CONSISTS OF ACLE FOR AN IMPI NO EXPLOSIVE OF	AR TO THE RR-11 ITS INTO A MULT IG SYSTEMS ON TO INTERFERENC ADAR, IT PROVID ADAR, IT PROVID A SQUARE PLAS ULSE CARTRIDG R INCENDIARY C	70 AND RR-180 TPLE CARTRID SEVERAL TYP CE WITH AIR T DES THE ALTEF STIC TUBE APF GE, (BBU-35/B), COMPONENTS) CH)GE ?ES (RAF RNA PRO PLA	AFF COUNTERME MAGAZINE (MJU-1 OF AIRCRAFT. HC FIC CONTROL RA TIVE NECESSARY	ASURES CARTE 1 OR MJU-15), V OWEVER, USE O DAR. BECAUSE 7 FOR REALISTIC CHES IN WIDTH, AFF DIPOLE PA	OR TRAINING REG RIDGES. LIKE THE WHICH CAN BE INS F RR-170 AND RR THE RR-188 PAY C COMBAT AIRCRE .97 INCHES IN HE YLOAD, AND A PLA NOT INSTALLED.	COMBAT STALLED IN ANY -180 CHAFF IS LOAD DOES EW TRAINING. IGHT, AND 8.145
			P-1 SHOPP LIST ITEM NO. 9	PAGE NO. 30					

	BUDGET PRO		ISTORY PLAN		A)			A. DATE FE	BRUARY 1	998
B. APPROPRIATION/BUDGET	ACTIVITY MUNITIONS AND RELATED E			C. P-1 ITEN	I NOMENCLA		E CHAFF RR-18	8		
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
CARTRIDGE CHAFF RR-188			1							
FY 1997	TRACOR@	C/FP	NAVY/SPCC (AFMC/OO-ALC)	SEP 97	JUL 98	506760	2.73			
FY 1999	UNKNOWN	C/FP	NAVY/SPCC (AFMC/OO-ALC)	MAR 99	JAN 00	875600	2.91	YES	NO	

D. REMARKS @ TRACOR IS LOCATED IN LILLINGTON, NC. P-1 SHOPP LIST ITEM NO. 9 PAGE 31 Exhibit P-5A UNCLASSIFIED

FY98/99BUDGET PRODUCTIO	1	DULE			P-1 1	TEM N	IOMEN	ICLATI	JRE:	CART	RIDGE	CHA	FF RR-	188												DATE	:	FEB	RUAR	Y 199	в									L
ITEM/MFG	S E	PROC	ACCPT	BAL			r	1	FISC/	AL YEA	AR 98										FISC	AL YE	AR 99										FISCAL	YEAF	00					A
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	97	97	97		1		CALE	NDAR	YEAR	98	1	1			1				CALE	NDAR	YEAR	99	1	1			_		C		AR Y	EAR	00			E R
	i		1-Oc	t 1-Oct	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN I	EB M	AR API		/ JUN	JUL	AUG	SEP	
TRACOR FY 97	AF	507	, c	507										136	136	136	99																							0
UNKNOWN FY 99	AF	876	6 C	876													-					с										100	100 10	00 10	100	100	100	100	76	0
																																		_	-	_				
																																			-	-	-			
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																																		_		+				
																																			-	-	+			
																																		_	-	-	-			
TOTAL		1383	s c	1383	0	0	0	0	0	0	0	0	0	136	136	136	99	0	0) (0 (0 0	0 0	0	0	0	0	0	0		100	100 10	00 10	0 100) 100	100	100	76	0
					ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR		MAY		JUL							EB M				JUL			
MANUFACTURER'S NAME AND LOCATION	PROI	D RATE	s	REA-							PROC	UREN	IENT L	EAD T	IME				1				REM	ARKS:	QUA	NTITY	IN TH	lousa	ANDS.	DELI	VERIE	ES BA	SED O	N CON	ITRAC	CT DE	LIVEF	RY SC	HEDU	JLE.
TRACOR	MIN	1-8-5		CH 0+						ADN PR 1 0		D TIME	T 1 OCT		MANU	JFACTU			тот	AL AFTI																				
LILLINGTON, NC	80	136	UNK		INITIA	NI		FY 97					12			TIME	10				22																			
	-							FY 97					6				10				16																			
		I		1									P-1 S		NG LI	ST				PAG			1				PAG	E NC).					PA	GE	1	OF	1		
													ITEI	M NO.						NO.	:	32													EXHIE	BIT P-	21			
															9																									

		BUDGET	ITEM JUSTIFI	CATION				DATE	
		()	EXHIBIT P-40)					FEBRUARY 19	98
	N/BUDGET ACTIVI					ITEM NOMENCLA	TURE		
PAAF/MUNITION	S AND RELATED				SIG	NAL MK-4 MOD 3			
	FY 1996	FY 1997	FY 1998	FY 1999		FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY (In Thousands)		0	596	264		561	563	568	695
COST (In Millions)		\$0	\$1.122	\$.760		\$0.961	\$.984	\$1.011	\$1.262
PURPOSES. THE CHARGE OF SM PHOSPHOROUS 2. THIS ITEM IS AMMUNITION W	E SIGNAL CARTRI OKELESS POWDE PROVIDES THE PROCURED BY T ORKING CAPITAL	DGE HAS AN ALU ER AND A COMME VISIBLE INDICATIO HE SINGLE MANA FUND (CAWCF) S OM P-1 ENTRIES I	MINUM CASE AN RCIAL SHOTGUN ON FOR BOMB SO GER FOR CONVI STANDARD PRICI DUE TO UPDATEI	3, MK-106, ANI D IS SIMILAR I SHELL PRIM CORING. ENTIONAL AM NG. FY 99 CO	TO A IER. IMUN OST I	A 10 GAUGE SHOTO A PYROTECHNIC IITION. FY 97/98 C IS BASED UPON E	GUN SHELL. IT MARKER LOAD OST IS BASED	ERVATION AND SC CONTAINS AN EXP OF STABILIZED RE ON CONVENTIONAI ITRACT/SUPPORT (LOSIVE D
			-1 SHOPP F ST ITEM NO. 10	AGE NO. 33					

			AMMU	JNITION CO	ST ANALYS	S	(DOLLARS IN	THOUSANDS)					
APPROPRIATION AND P-1 LINE IT	ГЕМ								DATE:				
PAAF			SIGNAL MK	-4 MOD 3			-	_		FEBRUARY 1	998		
ELEMENT OF COST	IDENT	FY97	QTY:	0	FY98	QTY:	596	FY99	QTY:	264		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
MK4 MOD 3	А				596000	\$1.59	\$948	264057	\$2.32	\$611			
SUBTOTAL							\$948			\$611			
PRODUCTION SUPPORT PRODUCTION ENGINEERING													
QUALITY ASSURANCE ACCEPTANCE TESTING							\$2 \$11			\$12			
INTERIM TRANSPORTATION INDUSTRIAL STOCK SUPPORT CAWCF GAIN/LOSS SURCHARGE							\$7 \$34			\$12			
SUBTOTAL							\$54			\$24			
TOTAL					596000	\$1.68	\$1,002	264057	\$2.40	\$635			
NAVY ENGINEERING SUPPORT							\$120			\$125			
TOTAL P-1 LINE ITEM							\$1,122			\$760			
				P-1 ITE 10	EM NO.	PAGE	NO. 34			EXHIBIT P-5 PAGE 1 OF 1			

	BUDGET PROC	UREMENT HIS	STORY PLANN	NING (P-5A	N)			A. DATE FE	BRUARY 1	998
B. APPROPRIATION/BUDGET A				C. P-1 ITEM						
	UNITIONS AND RELATED E						MK 4 MOD 3	00500		
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
SIGNAL, MK 4 MOD 3	I									
FY 1995	KILGORE@	C/FP	ARMY/IOC (AFMC/OO-ALC)	APR 95	OCT 95	701500	1.67#			
FY 1998	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 98	MAR 99	596000	1.68#	YES	NO	
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 99	MAR 00	264057	2.40#	YES	NO	

D. REMARKS @ KILGORE IS LOCATED IN TOONE, TN. # UNIT PRICE DOES NOT INCLUDE ENGINEERING SUPPORT COST PROVIDED TO THE US NAVY FOR TECHNICAL DATA PACKAGE MAINTENANCE AND PRODUCTION ENGINEERING SUPPORT. P-1 SHOPP LIST ITEM NO. 10 PAGE 35 Exhibit P-5A

FY98/99 BUDGET PRODUC	FION SC	HEDULE			P-1	ITEM	NOM	IENCI	_ATU	RE:			SIGN	AL, N	ЛК 4	MOD	3									DAT	E:	FEI	BRUA	ARY 1	998										
ITEM/MFG	S E	PROC	ACCPT	BAL					FISC	AL YE	EAR 9	8									FISC	CAL YE	AR 99	9									FIS	CA YE	AR 00						L A T
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	97	97	97				CALE	NDA	R YE	AR 9	8								CAL	ENDAR	YEAF	R 99								CALI	ENDAI	R YEA	AR 00)			E R
	v		1-00	t 1-Oc	t OCT	NOV	DEC	JAN	FEB	MAR	APR I	MAY	JUN .	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
UNKNOWN FY98	AF	59	96	596	6					С												100	100	100	0 100	100	96	6													(
UNKNOWN FY99	AF	26	64	264	ŀ																	С												100	100	64	Ļ				(
						1																																			
						1																	1												1						
						1																	1												1						
						1																	1												1						
TOTAL		86	50	860	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	100	0 100	0 100	0 100	0 96	6 () (0 0) (100	0 100	64	L (0 0	0	0	(
MANUFACTURER'S NAME	_				ОСТ	NOV	DEC	JAN	FEB								ОСТ	NOV	DEC	JAN	FEB	MAR		MAY							DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
AND LOCATION	PRC	DD RAT		REA-							PRO	CURE	EMEN	IT LE	AD T	IME								ANNO.	QUA		.5 11	11100	USAN	103.											
UNKNOWN	MIN	1-8-5	6 MAX	CH 0+	-					ADN PR 1	AIN LEA		<u>ИЕ</u> Т 1 ОС		MAN	JFACT	URING	÷	TO	TAL A 1 OC	FTER																				
	UNK	UNF	UNK													TIME							-																		
	-				INIT						6	-	6				12				18		-																		
	-				REC	DRDE	R				6		6				12				18																				
													P-1 S	HOP	PING	5 LIST	Г			PA	GE						PAG	GE M	NO.						PAG	E	1	OF	1		
													ITE	M NC	Э.	10				NO.	:	36														EX	HIBI	T P-21	I		
L																																									

								2
			\$4.097 \$5.447 \$6.753 \$ EOUS CARTRIDGES USED FOR TRAINING AND WAR RESERVE ED FOR SERVICE USE). ED ON THE NEXT PAGE.			FEBRUARY 1998	5	
	N/BUDGET ACTI							
PAAF/MUNITIO	NS AND RELATED		-					
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY								
COST (In Millions)		\$4.014	\$4.097	\$5.447	\$6.753	\$6.865	\$7.001	\$7.022
					AINING AND WAR R	ESERVE MATER	IEL.	
3. SPECIFIC F	7 98 AND FY 99 IT	EMS ARE LISTED	ON THE NEXT P	AGE.				
				PAGE NO. 37				

BUDGET ITEM JUSTIFICATION FOR AGGRE	GATED ITE	MS (EXHIBIT P	40A)						DATE:		00
APPROPRIATION/BUDGET ACTIVITY						P- 1		TURE:		FEBRUARY 19	98
PAAF/MUNITIONS AND RELATED EQUIPM	ENT IDENT	FY 98			FY	00		ITEMS LESS	THAN \$2,000,0	00 (CARTS)	
PROCUREMENT ITEMS	CODE	QTY		COST	QTY	99	COST	QTY	COST	QTY	COST
.22 CAL BALL CART	А	200,000	\$	26	300,000	\$	27				
.50 CAL BALL LINK	А	97,500	\$	186	130,000	\$	184				
.50 CAL BALL TRACER	А				500,000	\$	799				
.45 CAL BALL	А	90,000	\$	18	150,000	\$	30				
9MM BALL	А	7,546,000	\$	1,132	9,800,000	\$	1,435				
BBU-35 IMPULSE CART	А	1,491,120	\$	1,178	1,942,080	\$	1,532				
30MM STRAP	А				112,000	\$	4				
.45 CAL MATCH AMMO	А	N/A	\$	139	N/A	\$	140				
BBU-46 IMP CART	A				2,016	\$	144				
ARD-446 IMP CART	A				300,000	\$	1,044				
MK-2 MOD-0 IMP CART	А				940	\$	53				
.45 CAL WAD	А				275,000	\$	55				
BBU-36 IMPULSE CARTS	А	695,520	\$	995							
.50 CAL RAUFUS	A	51,360	\$	423							
TOTAL P-1 LINE			\$	4,097		\$	5,447				
	-			P-1 ITEM	NO.	PA	GE NO: 38		PAGE 1 OF 1	-	-

			Г ITEM JUSTI (EXHIBIT P-4				DATE FEBRUARY	1998
	ON/BUDGET ACTIV		<u>.</u>	P-1 ITEM NOMENC				
PAAF/MUNITIC	ONS AND RELATE		T	MK-82 INERT/BDU-		T		
		FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		12750	22612	29808	20452	20535	20718	25345
COST (In Millions) REMARKS		\$6.276	\$19.018	\$22.490	\$14.890	\$15.255	\$15.686	\$19.574
FILLED WITH A 2. THIS ITEM IS AMMUNITION W	COMBINATION OI S PROCURED BY VORKING CAPITAL	F CONCRETE, VEI THE SINGLE MAN L FUND (CAWCF)	RMICULITE ANI IAGER FOR COI STANDARD PR	OMB, LESS THE EXPL D SAND TO SIMULA NVENTIONAL AMMU CING. FY 99 COST	TE THE DROP TR INITION. FY97/98 S ARE BASED ON	AJECTORY OF A	N EXPLOSIVES LO SED ON CONVENTI	ADED BOMB. IONAL
			P-1 SHOPP IST ITEM NO. 12	PAGE NO. 39				

AMMUNITION COST ANALYSIS

(DOLLARS IN THOUSANDS)

APPROPRIATION AND P-1 LINE	ITEM								DATE:				
			MK82 INER	1	5)(00			5)(00		FEBRUARY 19	998		
ELEMENT OF COST	IDENT	FY97		12750	FY98		22612	FY99	QTY:	29808		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
LOAD ASSEMBLE AND PACK (LAP)	А	12750	\$49.20	\$627	22612	\$54.46	\$1,231	29808	\$57.46	\$1,713			
BOMB BODY BDU-50	~	13133	\$347.39	\$4,562	23302		\$13,419	30707	\$610.18	\$18,737			
LUG SUSPENSION		13133	\$7.18	\$0	47509		\$729	62608	\$15.43	\$966			
		0	φ7.10	φυ	47509	φ13.34	φ125						
				0 5 400			* 15 070	5067	\$32.40	\$164			
SUBTOTAL				\$5,189			\$15,379			\$21,580			
PRODUCTION SUPPORT													
QUALITY ASSURANCE				\$8			\$41			\$5			
ACCEPTANCE TESTING				\$63			\$186			\$0			
NTERIM TRANSPORTATION				\$55			\$117			\$309			
NDUSTRIAL STOCK SUPPORT				\$231			\$575			\$454			
CAWCF GAIN/LOSS SURCHARGE				\$231 \$610			\$575			\$454			
CAWCF GAIN/LOSS SURCHARGE				\$610									
SUBTOTAL				\$967			\$919			\$768			
TOTAL		12750	\$482.77	\$6,156	22612	\$720.41	\$16,298	29808	\$749.62	\$22,348			
NAVY ENGINEERING SUPPORT				\$120			\$120			\$142			
PRODUCTION ENGINEERING							\$2,600						
TOTAL P-1 LINE ITEM		12750		\$6,276	22612		\$19,018	29808		\$22,490			
				P-1 ITE	M NO	PAGE	NO. 40			EXHIBIT P-5		Į	
				12						PAGE 1 OF 1			

	BUDGET PROCUP	REMENT HIST	ORY PLANNI	NG (P-5A))			A. DATI FE	E BRUARY ´	1998
B. APPROPRIATION/BUDGET ACT				C. P-1 ITE						
LINE ITEM/ FISCAL YEAR	NITIONS AND RELATED EQU CONTRACTOR/ LOCATION	JIPMEN I CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	MK-82 IN QUANTITY	IERT/BDU-50 UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
MK-82 INERT/BDU-50										
FY 1998	IMCO/MCAAP	SS/FP	ARMY/IOC (AFMC/OO-ALC)	JAN 98 ^	SEP 99	22612	720.41@	YES	NO	
FY 1999	IMCO/MCAAP	SS/FP	ARMY/IOC (AFMC/OO-ALC)	JAN 99 ^	SEP 00	29808	749.62@	YES	NO	

D. REMARKS

*INTERCONTINENTAL MANUFACTURING CO (IMCO) IS LOCATED IN GARLAND, TX. *MCALESTER ARMY AMMUNITION PLANT (MCAAP) IS LOCATED IN MCALESTER, OK.

ENSURE TECHNICAL DATA PACKAGE MAINTENANCE AND PRODUCTION ENGINEERING SUPPORT.

UNCLASSIFIED

AWARD DATES ARE FOR LOAD, ASSEMBLE, AND PACK (LAP) (MCALESTER AAP).			
	P-1 SHOPP LIST ITEM NO. 12	PAGE 41	

Exhibit P-5A

FY98/99 BUDGET PRODUCTIO	ON SCI	HEDULE			P-1 I7	FEM N	NOME	ENCL	.ATUF	RE:		MK-8	2 INE	ERT/E	BDU-	50										D	DATE	:	FEB	RUA	RY 1	998											
ITEM/MFG	S E	PROC	ACCPT	BAL					FISC	AL YE	EAR 9	8								1	FIS	CAL Y	YEAR	R 99									1	FIS	CAL `	YEA	R 00						L A T
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	97	97	97				CALE	INDA	R YE	AR 9	8								CA	LEND	DAR	YEA	R 99)							CAI	LENI	DAR	YEAF	R 00				E R
	v		1-Oct	1-Oct	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APF	R MA	Y JU	JN JI	UL A	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR		R MA	Y JU	JN JI	UL A	UG S	EP	
IMCO/MCAAP FY96	AF	12.9	0	12.9								10	2.9																														0
IMCO/MCAAP FY97	AF	12.8	0	12.8											0.1	2.5	1.5	1.5	5 1.5	5 1.5	1.5	5 2.	5 0.	2																			0
IMCO/MCAAP FY98	AF	22.6	0	22.6				С																					2.0	2.0	2.0	1.0	1.0	2.0	2.	0 2	2.0 2	2.0 2	2.0	2.0	2.6		0.0
IMCO/MCAAP FY99	AF	29.8	0	29.8																с																_				_	\rightarrow	2.0	27.8
																																				+					-		
																																									_		
																																		1							_		
																																									\square		
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TOTAL		78.1	0	78.1	0	0	0	0	0	0	0	10	2.9	0	0.1	2.5	1.5	1.5	5 1.5	5 1.5	1.5	2.5	0.	2	0	0	0	0	2.0	2.0	2.0	1.0	1.0	2.0) 2.	0 2	2.0 2	2.0 2	2.0	2.0	2.6	2.0	27.8
					ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR											JAN	FEB	MAR	R AP	R MA	Y JU	IN JI	UL A	NUG S	EP	
MANUFACTURER'S NAME AND LOCATION	PRC	DD RATE	s	REA-							PRO	CURE	MEN	NT LE	AD T	IME																	NUFA	сти	RED	BY							
	MIN	1-8-5	МАХ	CH 0+							MIN LE	-			MAN	UFAC	TURIN	G	тс		FTER																				E PRO		ER
MCAAP, OK (LAP RATE)	5.0	10.0	20.0							PR 1	OCT	AF	T 1 O	СТ		TIM	E			10	СТ		AV	VARE	O OF	LOA	AD, A	SSE	MBL	E AN	D PA	CK (I	LAP)	CON	TRA	ст т	о мо	CAAP	. DE	ELIVE	RY		
IMCO					INITIA	۹L					6		4				20				24																				HOUT		RATE E
GARLAND, TX (BOMB BODY)	1.0	5.0	15.0		REO	RDEF	२				6		4				20				24			NTIRE DR BO					IS DO	ONE	SPE	CIFIC	ALLY	' TO I	MAIN	ITAII	NAV	/ARN	1 INE	DUST	RIAL	BASI	Ξ
. ,																								OTH A SR.	AF BI	DU-5	50 AN	ND N	AVY	BDU	-45 P	ROC	UREI	MEN	TS C	ONT	ribu	TE T	O SL	JPPC	ORTIN	G TH	ΗE
													P-1 S	SHOF	PINO	G LIS	т			PA	GE															PA	AGE	1	C	DF	2 P	AGE	S
													ITEM	1 NO.		12				NO	42																EXH	BIT F	P-21				

FY98/99 BUDGET PRODUCTIO	ON SCH	HEDULE			P-1 [ТЕМ	NOM	ENCL	ATUF	RE:		MK-8	32 IN	ERT/	BDU-	50										DA	ATE:	F	EBR	UAR	Y 19	98											
ITEM/MFG PROCUREMENT	S E	PROC	ACCPT	BAL					FISC	AL YE	AR 0)1									FISC	AL Y	'EAR	02										FISC	CAL Y	EAR	03						L A T
YEAR	R V	QTY	PRIOR	DUE	0	0	0				CALE	ENDA	R YE	EAR	0101	1						1	CAI	LEND	DAR Y	YEAF	R 02								CAL	END/	AR)	/EAR	03				E R
	v		1-Oc	t 1-Oct	ост	NOV	DEC	JAN	FEB I	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY		1 JUI	AU	IG SE	EP O	ст м	NOV I	DEC	JAN	FEB	MAR	APR	MA	y Jui	N JU	JL A	UG S	EP	
IMCO/MCAAP FY96	AF	12.9	12.9	0.0																																							0
IMCO/MCAAP FY97	AF	12.8	12.8	0.0																																							0
IMCO/MCAAP FY98	AF	22.6	22.6	0.0																																							0
IMCO/MCAAP FY99	AF	29.8	2	27.8	2.2	2.2	2.2	2.2	3.0	3.0	3.0	3.0	3.0	4.0													_																0
																										_												_				_	
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TOTAL		78.1	50.3	8 27.8	2.2	2.2	2.2	2.2	3.0	3.0	3.0	3.0	3.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0) (0 (0	0	0	0	0	0	0	0	0	0	C	0)	0	0	0	0	0	0
MANUFACTURER'S NAME					ост	NOV	DEC	JAN	FEB								ОСТ	NOV	DEC	JAN	FEB	MAR											JAN	FEB	MAR	APR	MA	Y JUI	N JU	JL A	UG S	EP	
AND LOCATION	PRC	D RATE	ES	REA-							PRO	CURI	EME	NT LE	EAD T	IME							PA	CING	S CO	MPO	NEN	TISI	BOM	B BC	DY,	MAN											
MCAAP, OK	MIN	1-8-5	MAX	CH 0+					-	ADN PR 1		_	ME FT 1 O	ст	MAN	UFAC	TURIN	G	то	TAL AF														``							PRO TRAC		ER
(LAP RATE)	5.0	10.0	20.0)												TIME								VARD HED																		TAF	ATE
IMCO GARLAND, TX					INITI						6	-	4				20				24		LO	WER	THA	N M	SR B	Y SC	HED	ULIN	IG IT	'S DI	REC	t lae	BOR I	ЛАNF	ow	/ER T	THRC	DUGł	HOUT	THE	
(BOMB BODY)	1.0	5.0	15.0		REO	RDEI	२				6		4				20				24		FO	R BC	MB I	BODI	ES.																
																							MS	SR.																			
			<u> </u>	1									P-1 \$	SHOP	PPINC	S LIST	r			PAC	θE		1													PAG	θE	2	0	F	2 P	AGE	s
													ITEN	/I NO.		12				NO.4	3															E	XHII	BIT P	-21				

		BUDGE	T ITEM JUSTIF	ICATION			DATE	
			(EXHIBIT P-40)			FEBRUARY 1998	
APPROPRIATIO	N/BUDGET ACTI	VITY	`	, P-1	TEM NOMENCLAT	URE		
PAAF/MUNITIO	NS AND RELATE	D EQUIPMENT		GBL	-28 HARD TARGE	PENETRATOR		
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
		477	70	100				
		177 \$18.417	72 \$11.400	<u>183</u> \$24.256	0	0 \$0	0 \$0	0 \$0
COST (In Millions) REMARKS		\$18.417	\$11.400	\$24.200	\$0.0	\$U	\$0	<u>۵</u> 0
REWARKS								
1. THE GBU-28	A/B IS 5000-LB C	LASS LASER GUID	DED BOMB (LGB)	USED TO DEFEAT	DEEPLY BURIED	ND HARDENED	TARGETS. IT CON	SISTS OF
							MU-143F/B, G/B OF	
THE ENHANCE	D GBU-28 ADDS	AN INERTIAL NAV	IGATION SYSTEM	I AND GLÓBAL PO	SITIONING SYSTEI	M TO THE EXISTI	ING TAIL KIT AUGN	IENTING THE
LGB GUIDANCE	E. IT PROVIDES I	NCREASED ACCL	JRACY IN THE AB	SENCE OF WEATH	IER CONDITIONS F	AVORABLE TO L	_ASING.	
2. FY 99 QUAN	THES DIFFER F	ROM P-1 ENTRIES	DUE TO UPDATI	ED COST ESTIMAT	ES.			
			P-1 SHOPP	PAGE NO. 44				
			LIST ITEM NO.	FAGE NO. 44				
		'	13					

			AMMU	INITION CO	OST ANAL	YSIS	(DOLLARS I	N THOUS	ANDS)				
APPROPRIATION AND P-1 LINE ITEM									DATE:				
PAAF			GBU-28 HAF	RD TARGE	T PENETF	RATOR				FEBRUARY 1	998		
ELEMENT OF COST	IDENT	FY97	QTY:	161	FY98	QTY:	72	FY99	QTY:	183		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE GBU-28A/B	А												
WGU-36A/B GUIDANCE/CONTROL UNIT		161	\$36,070.00	\$5,807									
WGU-36A/B ENHANCED GCU					72	\$61,315.00	\$4,415	183	\$61,315.00	\$11,221			
BSG-92/B AIRFOIL GROUP		161	\$8,087.00	\$1,302	72	\$8,967.00	\$646	183	\$8,967.00	\$1,641			
CONDUIT ASSEMBLY					72	\$4,325.00	\$311	183	\$4,325.00	\$791			
BLU-113A/B WARHEAD		161	\$40,777.00	\$6,565	72	\$41,633.32	\$2,998	183	\$41,659.90	\$7,624			
LOAD, ASSEMBLE AND PACK		161	\$5,371.33	\$864	72	\$5,484.13	\$395	183	\$5,602.30	\$1,025			
CNU-554/E PALLET		161	\$2,323.52	\$374	72	\$2,372.31	\$171	183	\$2,425.28	\$444			
FMU-143 F/B FUZE		48	\$2,818.13	\$135	14	\$3,313.80	\$46	28	\$3,217.27	\$90			
FMU-143 G/B FUZE		90	\$2,166.69	\$195	44	\$2,230.12	\$98	94	\$2,165.42	\$204			
FMU-143 H/B FUZE		38	\$3,933.87	\$149	44	\$3,615.19	\$159	92	\$3,509.10	\$323			
SUBTOTAL				\$15,392			\$9,239			\$23,363			
TEST SET ADAPTER					6	\$90,000.00	\$540	7	\$90,000.00	\$630			
PRODUCTION SUPPORT													
RECURRING													
- FIRST ARTICLE TESTING				\$303						\$178			
- ENG GAGING/DRAWINGS				\$168			\$50			\$30			
AIRCRAFT INTEGRATION				\$169			\$46			\$40			
TECHNICAL DATA				\$50			\$25			\$15			
ECOS				\$435			\$700						
SUBTOTAL				\$1,125			\$821			\$263			
NON-RECURRING													
NON-RECURRING ENG SUPPORT				\$1.900			\$800						
SUBTOTAL				\$1,900			\$800						
TOTAL P-1 LINE				\$18,417			\$10,860			\$24,256			
				P-1 ITE 13		PAGE N	O. 45			EXHIBIT P-5 PAGE 1 OF 1			

BUDGET PROCUREMENT HISTORY PLANNING (P-5A)

FEBRUARY 1998

A. DATE

B. APPROPRIATION/BUDGET ACTIVITY	NS AND RELATED EQUI	PMENT		C. P-1 ITE		-	ARGET PENETR	ATOR		
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	1			1			1		Í
WGU-36A/B GUIDANCE & CONTROL UNIT	TEXAS INSTRUMENTS @	SS/FP	AFMC/OO-ALC	OCT 97	MAR 98	161	36,070.00			
FY 1998	TEXAS INSTRUMENTS	SS/FP	AFMC/00-ALC	MAR 98	SEP 99	72	61,315.00			
FY 1999	TEXAS INSTRUMENTS	OPTION	AFMC/OO-ALC	MAR 99	SEP 00	183	61,315.00	YES	NO	
BSG-92/B AIRFOIL GROUP										
FY 1997	TEXAS INSTRUMENTS	SS/FP	AFMC/OO-ALC	OCT 97	MAR 98	161	8,087.00			
FY 1998	TEXAS INSTRUMENTS	SS/FP	AFMC/00-ALC	MAR 98	SEP 99	72	8,967.00	YES	NO	
FY 1999	TEXAS INSTRUMENTS	OPTION	AFMC/OO-ALC	MAR 99	SEP 00	183	8,967.00	YES	NO	
CONDUIT ASSEMBLY										
FY 1998	TEXAS INSTRUMENTS	SS/FP	AFMC/OO-ALC	MAR 98	SEP 99	72	4325.00	YES	NO	
FY 1999	TEXAS INSTRUMENTS	OPTION	AFMC/OO-ALC	MAR 99	SEP 00	183	4325.00	YES	NO	
BLU-113A/B WARHEAD			((
FY 1997	NATIONAL FORGE ^	C/FP	AFMC/OO-ALC	JUL 97	MAY 98	161	40,777.00			
FY 1998	NATIONAL FORGE	SS/FP	AFMC/OO-ALC	MAR 98	JAN 99	72	41,633.32	YES	NO	
FY 1999	UNKNOWN	C/FP	AFMC/OO-ALC	MAR 99	JAN 00	183	41,659.90	YES	NO	
FMU-143(F,G,&H)/B FUZES										
FY 1997 F/B	DAYRON *	SS/FP	ARMY/IOC	JUN 97	MAR 98	48	2,818.13			
FMU 143 FUZES CONT'D							ĺ			
FY 1997 G/B	DAYRON	SS/FP	ARMY/IOC	JUN 97	MAR 98	90	2,166.69			
Н/В	DAYRON	SS/FP	ARMY/IOC	JUN 97	MAR 98	38	3,933.87			

D. REMARKS

@ TEXAS INSTRUMENTS IS LOCATED IN DALLAS, TEXAS

A NATIONAL FORGE, LOCATED IN IRVINE, PA., PRODUCES THE BOMB BODY. LOAD, ASSEMBLY, AND PACK (LAP) IS DONE BY MCALESTER AAP, LOCATED IN MCALESTER, OK.
 * DAYRON IS LOCATED IN ORLANDO, FL

ENHANCED GBU-28 GUIDANCE AND CONTROL UNTIS USE GLOBAL POSITIONING SYSTEM FOR INCREASED ACCURACY (AS PER P-40) AND COST.

P-1 SHOPP LIST ITEM NO. 13	PAGE 46	Exhibit P-5A PAGE 1 OF 2
UNCLASSI	FIED	

	BUDGET PROCUR	EMENT HIS	TORY PLANN	ING (P-5A	.)			A. DATE FE	E BRUARY 1	998
B. APPROPRIATION/BUDGET ACT PAAF/MUI	IVITY NITIONS AND RELATED EQUI	PMENT		C. P-1 ITEN	NOMENCLA GI		ARGET PENET	RATOR		
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
Y 1998 F/B	DAYRON	SS/FP	ARMY/IOC	MAR 98	SEP 99	14	3,313.80	YES	NO	1
G/B	DAYRON	SS/FP	ARMY/IOC	MAR 98	SEP 99	44	2,230.12	YES	NO	
H/B	DAYRON	SS/FP	ARMY/IOC	MAR 98	SEP 99	44	3,615.19	YES	NO	
Y 1999 F/B	DAYRON	SS/FP	ARMY/IOC	MAR 99	SEP 00	28	3,217.27	YES	NO	
G/B	DAYRON	SS/FP	ARMY/IOC	MAR 99	SEP 00	94	2,165.42	YES	NO	
H/B	DAYRON	SS/FP	ARMY/IOC	MAR 99	SEP 00	92	3,509.47	YES	NO	

P-1 SHOPP LIST ITEM NO.	PAGE 47	Exhibit P-5A
13		PAGE 2 OF 2
 ICLASSIF	IED	

FY98/99 BUDGET PRODUCT					D_1	ITEM	NOM			DE		GBU-	28 H			CET		TDA	TOP							DAT	E .	FEBI		V 100	28										
ITEM/MFG	S	PROC	ACCPT	BAL			NON			AL YE			2011	AILD		JLI			TOR		FISC	AL YE		a		DAI	<u>L.</u>	TLD		1 193	50		FIS		YEAF	2 00					L
PROCUREMENT YEAR	E R	QTY		DUE	9	7 97	97		1150		CALE			A D 0	0						1130					EAR	0						110				/EAR	00			T E
	V	QIY	PRIOR													055	0.07		050									055	OOT	NOV	0.50		550							055	R
WGU-36A/B			1-00	t 1-Oc	tOC	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAH	R APR	MA	Y JUN	JUL	AUG	SEP	
TI FY 97	AF	161	1 (161	ı c			1		20	20	20	20	20	20	20	21								1													1			0
TI FY 98	AF	72) 72						C	20		20	20	20	20					_							20	20	20	12										0
TI FY 99	AF	183	3 (183	3																	с																		20	163
BSG-92																																									
TI FY 97	AF	161	1 (161	ı c					20	20	20	20	20	20	20	21																								0
TI FY 98	AF	72	2 () 72	2					С																		20	20	20	12										0
TI FY 99	AF	183	3 (183	3																	с																		20	163
CONDUIT ASSY																																									
FY 1998	AF	72	2 (72	2					С																		20	20	20	12										
FY 1999	AF	183	3 (183	3																	С																		20	163
BLU-113																																									
NAT FORGE FY97	AF	161	1 (161	1							20	20	20	20	20	20	20	21																						0
UNKNOWN FY 98	AF	72	2 () 72	2					С										20	20	20	12																		0
UNKNOWN FY 99	AF	183	3 (183	3																	с										20	20	20) 2(0 2	0 20	20	20	23	0
FMU-143																																									ļ!
DAYRON FY97	AF	176	6 (176	6					176																															0
DAYRON FY98	AF	102	2 (102	2					С																		102	2					_		_		_			0
DAYRON FY99	AF	214	4 (214	1																	С																		214	0
TOTALS																																									ļ'
					OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR				JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	R APR	MA	Y JUN	JUL	AUG	SEP	
MANUFACTURER'S NAME AND LOCATION	PRO	DD RATE	S	REA-							PRO	CURE	MEN	IT LE	AD T	IME							REI	MARK	(S:																
TEXAS INSTRUMENTS,	MIN	1-8-5	MAX	CH 0+	┥					ADM PR 1 C	IN LEA	-	E T 1 OC	т	MAN	JFACT	URING	G	TO	TAL AI																					
DALLAS, TX DAYRON,	UNK	UNK	UNK		-											TIME							-																		
ORLANDO, FL	UNK	UNK	UNK		WG	U-36A	/B; BS	G-92					6			18					24		-																		
NATIONAL FORGE	UNK	UNK	UNK	<u> </u>	BLU	J-113					10		6			10					16																				
IRVINE, PA		1			FM	U-143							6			18					24		_				PAC	GE N	10.						PAG	GE	1	OF	2	PAGE	S
													P-1 S	HOP	PING	LIS1	•			PA	GΕ														EXI	HIBIT	P-21				ļ
													ITE	M NC).	13				NO.	48																				

FY98/99 BUDGE						P-1	ITEM	NOM	ENCI		SE.		GBU-	28 H	ARD 1	ARG	ET P		TRAT	OR							DATI	E.	FFB	RUA	RY 19	998										
ITEM/	MFG	S		ACCPT	BAL	İ.					AL YE			2011		7470						EIEC	AL YE		12		D/T		1 2 0	11071	(1 10			EIG	~ ^ 1 \	YEAR	02					L A
PROCUREM	ENT YEAR	E R	PROC			00	00	00		1100												1100											1	1100								T E
		v	QTY	PRIOR	DUE		00						ENDA												ENDA											END						R
				1-Oct	1-Oc	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL A	UG	SEP C	DCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
WGU-36A/B	-																																									
TI	FY 97	AF	161																																							0
ТІ	FY 98	AF	72				-										-	_																				-				0
TI	FY 99	AF	183	20	163	20	20	20	20	20	20	20	23																							_						0
BSG-92																																										
ТІ	FY 97	AF	161	161	0																																					0
ті	FY 98	AF	72	72	0																																					0
ті	FY 99	AF	183	20	163	20	20	20	20	20	20	20	23																													0
CONDUIT AS	SY																																									
FY1998		AF	72	72	0																																					
FY 1999		AF	183	20	163	20	20	20	20	20	20	20	23																													
BLU-113																																										
UNKNOWN	FY 97	AF	161	161	0																																					0
UNKNOWN	FY 98	AF	72	72	0																																					0
UNKNOWN	FY 97	AF	183	183	0																																					0
FMU-143																																										
DAYRON	FY97	AF	176	176	0																																					0
DAYRON	FY97	AF	102	102	0																																					0
DAYRON	FY99	AF	214	214	0																																					0
TOTALS														0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C) (0 0	0	0	0	0	0	
						ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL A	UG	SEP C	ост		DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MANUFACTURE AND LOCATION																									MARKS																	
AND LOCATION		PRC	D RATE	s	REA-							PRO	CURE	MEN	IT LEA	D TI	ME																									
		MIN	1-8-5	МАХ	CH 0+						ADM	ЛIN LE	AD TIN	1E	1	MANU	IFACTL	JRING	;	тот	TAL AF	TER																				
TEXAS INSTRU DALLAS, TX DAYRON,	MENTS,	UNK	UNK	UNK							PR 1	ОСТ	AF	T 1 OC	т		TIME				1 OC	Г																				
ORLANDO, FL		UNK	UNK	UNK		WGL	J-36A/E	B; BSC	G-92					6			18					24																				
						BLU	113					10		6			10					16																				
						FMU	-143							6			18					24						PAG	SE N	10.						PAG	ε	2	OF	2	PAGE	s
					_							P-1 SHOPPING LIST									PAG	θE														EXH	IIBIT I	P-21				
														ITE	M NO		13				NO.	49																				

			TITEM JUSTIF (EXHIBIT P-40					DATE FEBRUARY 1998	
	N/BUDGET ACTIV		`	,		TEM NOMENCLATU	JRE	I	
PAAF/MUNITIO	NS AND RELATED				GBU-	-			
	FY 1996	FY 1997	FY 1998	FY 1999		FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY				11		0	0	0	0
COST (In Millions)		\$0	\$0	\$.977		\$0.0	\$0	\$0	\$0
MODIFIED GBU 37/B WEIGHS A CONSISTS OF / ANTENNAE, TW CARRIAGE IS F COMBINATION CAPABILITY CL INITIAL OPERA	-36/B TAILKIT. IT PPROXIMATELY 4 AN AERODYNAMIC /O THERMAL BAT OUR GBU-37/B PE WITH THE FZU-32 JRRENTLY UNAVA TIONAL CAPABILI	PROVIDES AN AC 4600 LBS, HAS AN C TRIP ASSEMBLY TERIES, AND ONE ER ROTARY LAUN 2 INITIATOR. THIS AILABLE WITH AN TY ESTABLISHED OM P-1 LINE ENTI	CURATE, ADVE I OVERALL TAIL Y AND A TAIL AS E LITHIUM BATTI ICHER (RLA). EIC S WEAPON PRO Y OTHER WEAPO ON 26 NOVEMB	RSE-WEATHE FIN SPAN OF SEMBLY, WHI ERY. THE GC GHT WEAPON VIDES THE B-2 ON ON THE B- BER 1997.	R, HIG 31 INC CH HC U COI S MAX 2 WITI 2 PLA	GH ALTITUDE DELI CHES, AND IS APPI DUSES THE GUIDA NTAINS FLIGHT SC (IMUM PER B-2 MI H AN ADVERSE-WI (TFORM. CERTIFIC	VERY, DEEP P ROXIMATELY 1 NCE CONTRO DFTWARE AND SSION. GBU-3 EATHER, PREC	NG THE BLU 113 BC ENETRATOR WEAPO 7 FEET LONG. THE L UNIT (GCU), TWO USES A MIL STD 17 7/B USES THE FMU- CISION DEEP PENET OMPLETED ON 29 J	ON. The GBU GBU-37/B KIT GPS 60 INTERACE. 143 FUZE IN RATION
			IST ITEM NO.						

			AMMU	(DOLLARS	IN THOUS,	ANDS)							
APPROPRIATION AND P-1 LINE ITEM									DATE:				
PAAF	-		GBU-37							FEBRUARY 1	998		
ELEMENT OF COST	IDENT	FY97	QTY:	0	FY98	QTY:	0	FY99		11		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE GBU-37	А												
BLU 113 A/B WARHEAD								11	\$41,659.90	\$458			
LAP								11	\$5,602.30	\$62			
GAM KIT								11	\$30,000.00	\$330			
FMU 143 F/B								12	\$3,217.27	\$39			
FMU 143G/B								12	\$2,165.42	\$26			
FMU 143/H/B								16	\$3,509.10	\$56			
SUBTOTAL										\$971			
NON-RECURRING													
TECHNICAL DATA										\$6			
TOTAL P-1 LINE										\$977			
				P-1 ITE		PAGE N	IO. 51			EXHIBIT P-5			
				14						PAGE 1 OF 1			

	BUDGET PROCURI		TORY PLANN		7)			A. DATE FE	E BRUARY 1	1998
B. APPROPRIATION/BUDGET ACT PAAF/MUI	IVITY NITIONS AND RELATED EQUIF	PMENT		C. P-1 ITEI			iBU-37	1		
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
BLU 113 A/B WARHEAD										
FY 1999	UNKNOWN	C/FP	AFMC/OOALC	MAR 99	JAN 00	11	41,659.90	YES	NO	
GAM KIT										
FY 1999	NORTHRUP GRUMMAN #	SS/FP	AFMC/ASC	JAN 99	JUL 99	11	30,000.00	YES	NO	
FMU 143 FUZES*										
FY 1999 F/B	DAYRON @	SS/FP	ARMY IOC	MAR 99	SEP OO	12	3217.27	YES	NO	
FY 1999 G/B	DAYRON	SS/FP	ARMY IOC	MAR 99	SEP 00	12	2165.42	YES	NO	
FY 1999 H/B	DAYRON	SS/FP	ARMY IOC	MAR 99	SEP OO	16	3509.10	YES	NO	
								N		
				ĺ						

D. REMARKS: # NORTHRUP GRUMMAN IS LOCATED IN ROLLING MEADOWS, ILLINOIS. @ DAYRON IS LOCATE E. * FMU 143 FUZE PROCUREMENT HISTORY REFLECTED IN GBU 28, P5A, LINE ITEM 13	D IN ORLANDO, FL.		
	P-1 SHOPP LIST ITEM NO.	PAGE 52	Exhibit P-5A PAGE 1 OF 2
U		IED	PAGE I OF 2

FY98/99 BUDGET PRODUCTIO	N SCH	EDULE			P-1	ITEM	NOM	ENCL	ATUR	E:		GBU	-37													DAT	E:	FEE	BRUA	RY 1	998										
ITEM/MFG PROCUREMENT YEAR	S E	PROC	ACCPT	BAL					FISC/	AL YE	EAR 9	98								1	FISC	AL Y	EAR	99									FIS	CAL Y	'EAR	00					L A T
	R V	QTY	PRIOR	DUE	97	97	97				CALE	INDA	R YE	AR 9	8								CAL	.END/	AR YE	EAR 9	9						_	CAL	END/	AR YE	EAR (00			ER
	v		1-Oct	1-Oc	OCT	NOV	DEC	JAN	FEB I	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
BLU 113A/B																																									
FY 99	AF	11	0	11																		с										11									0
GAM KIT																																									
FY 99	AF	11	0	11																с						11															0
FMU 143 FUZES																																									
FY 99	AF	40	0 0	40						_												с																		40	0
																																-		-							
					ост	NOV	DEC	JAN	FEB I	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR				JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MANUFACTURER'S NAME AND LOCATION	PRO	D RATI	ES	REA-							PRO	CURE	EMEN	IT LE	AD T	IME			1				REN	ARKS	S:																
	MIN	1-8-5	МАХ	CH 0+					_			EAD TI	ME T 1 O		MAN	JFACT	URIN	3	то	TAL A 1 OC																					
UNKNOWN NORTHRUP EISD, ROLLING MEADOWS, ILLINOIS	UNK		UNK							PR 1	OCT	AF				TIME				100																					
DAYRON IS IN, ORLANDO, FL		UNK	UNK			BLU GAM							6				10 6				16 10																				
						FMU	143						6				18				24						PAG	GE I	NO.						PAG	θE	1	OF	1	PAGE	S
												P-1 SHOPPING LIST ITEM NO. 14								PA NO.															EXH	IIBIT F	P-21				

		BUDGE	T ITEM JUSTIFI	CATION		1	DATE								
		1	(EXHIBIT P-40)				FEBRUARY 1	998							
APPROPRIATIC	DN/BUDGET ACTI	/ITY		P	-1 ITEM NOMENCL	ATURE									
PAAF/MUNITIC	ONS AND RELATE	DEQUIPMENT			OMB PRACTICE 25	POUND									
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003							
					5 40,000	544.007	400.440	000 740							
QUANTITY		200,000 \$2.908	397,760 \$5.613	273,257 \$3.842	546,380 \$8.248	544,987	492,443	602,718							
	<u> </u>	\$8.398	\$7.734	\$9.654											
CENTER, A CONICAL AFTER BODY, AND A CRUCIFORM TYPE FIN IN THE AFT END OF THE BOMB BODY. A FIRING PIN, INERTIA TUBE, AND STE PLATE ARE SEPARATE COMPONENTS OF THE BOMB. A RECEPTACLE IS LOCATED FORWARD OF THE CENTER OF GRAVITY TO INSTALL A SIN CURPENDICULAR OF DECLINED. A LICE IS DROVIDED IN FACULARIZE OF THE DODY FOR AND IN CLARK OF DRAVITY AND INSTALL															
PLATE ARE SEPARATE COMPONENTS OF THE BOMB. A RECEPTACLE IS LOCATED FORWARD OF THE CENTER OF GRAVITY TO INSTAI SUSPENSION LUG IF REQUIRED. A HOLE IS PROVIDED IN EACH SIDE OF THE BODY FOR HANGING THE BOMB IN SUU-20 OR SUU-21 DI															
SUSPENSION LUG IF REQUIRED. A HOLE IS PROVIDED IN EACH SIDE OF THE BODY FOR HANGING THE BOMB IN SUU-20 OR SUU-21 DISPENS THE BDU-33 PRACTICE BOMB IS USED TO PROVIDE THE COMBAT AIR FORCES WITH AIRCREW WEAPONS DELIVERY TRAINING.															
THE BDU-33 PRACTICE BOMB IS USED TO PROVIDE THE COMBAT AIR FORCES WITH AIRCREW WEAPONS DELIVERY TRAINING.															
					INITION (SMCA). F										
AMMUNITION V	VORKING CAPITA	L FUND(CAWCF)	STANDARD PRICI	NG. FY99 COSTS	S BASED ON ESTIN	IATED CONTRAC	T\SUPPORT COST	S.							
3. FY 99 QUAN	ITITIES DIFFER FR	ROM P-1 ENTRIES	DUE TO UPDATE	D COST ESTIMA	TES.										
		F	P-1 SHOPP	PAGE NO. 54											
			LIST ITEM NO.	AUL NO. 34											
			15												

			AMMU	JNITION COS	ST ANALYS	IS	(DOLLARS IN	THOUSANDS)					
APPROPRIATION AND P-1 LINE IT	ГЕМ		BOMB PRA	CTICE 25 PC	סמטכ				DATE:	FEBRUARY	´ 1998		
ELEMENT OF COST	IDENT	FY97		200000	FY98	QTY:	397760	FY99	QTY:	273257		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE BDU-33D/B	A	200000	\$12.34	\$2,468	397760	\$13.35	\$5,312	273257	\$13.77	\$3,762			
SUBTOTAL				\$2,468			\$5,312			\$3,762			
PRODUCTION SUPPORT QUALITY ASSURANCE				\$3			\$13			\$5			
ACCEPTANCE TESTING INTERIM TRANSPORTATION INDUSTRIAL STOCK SUPPORT CAWCF GAIN/LOSS SURCHARGE				\$27 \$23 \$99 \$288			\$61 \$38 \$189			\$75			
SUBTOTAL				\$440			\$301			\$80			
TOTAL P-1 LINE ITEM		200000	\$14.54	\$2,908	397760	\$14.11	\$5,613	273257	\$14.06	\$3,842			
				P-1 ITEI 15	M NO.	PAGE	E NO. 55			EXHIBIT P-5 PAGE 1 OF 1			

	BUDGET PROC	UREMENT HIS	STORY PLANN	NING (P-5 <i>F</i>	۹)			A. DATE	E BRUARY 1	1998
B. APPROPRIATION/BUDGET AC PAAF/MI	CTIVITY UNITIONS AND RELATED EC			C. P-1 ITE	M NOMENCLA		CTICE 25 POUN	חו		
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
FY 1997	DELFASCO*	C/FP	ARMY/IOC (AFMC/OO-ALC)	SEP 97@	NOV 97	200000	14.54			
FY 1998	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 98	MAY 99	397760	14.11	YES	NO	
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 99	MAY 00	273257	14.06	YES	NO	
D. REMARKS										

* DELFASCO IS LOCATED IN GREENVILLE, TN. @ FY97 CONTRACT AWARD DATE SLIPPED FROM MAR 97 TO OCT 97 DUE TO ACQUISITION STRATEGY CHANGE FROM SMALL BUSINESS TO BEST VALUE SOLICITATION

	P-1 SHOPP LIST ITEM NO. 15	PAGE 56	Exhibit P-5A
U	NCLASSIF	IED	

FY99 BUDGET PRODUCTION	SCHEE	DULE			P-1 I			ICLAT	URE:		BOM	B PR	ACTI	CE 2	5 PO	UND									DAT	E:	FEB	RUB	RMAR	19 781 99	8								
ITEM/MFG	S E	PROC	ACCPT	BAL				FIS	SCAL Y	EAR	98									FISC	CAL Y	'EAR	99								F	ISCA	L YE	AR 00					L
PROCUREMENT YEAR	R	QTY	PRIOR	DUE	97	97	97			CAL	ENDA		AR 9	8								CAL	ENDA	AR YE	AR 9	99						С		NDAR	YEAR	R 00			T E
	V		1-Oct		OCT	ΝΟΥ Γ	DEC JA	N FFF	B MAR	APR	MAY	JUN		AUG	SEP	ост	NOV	DEC	JAN	FFB	MAR	APR	MAY	JUN		AUG	SEP	ост	NOV	DEC J	AN F							GSEP	R
DELFASCO FY97	AF	200				3		55 6																															
UNKNOWN FY98	AF	398					-		С														60	60	60	60	60	60	38										
UNKNOWN FY99	AF	273																			с														60	60	60 60	0 3:	2
	/ (1	210	, ,	210																	Ŭ														00	00	00 0.		
																																	-						
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TOTAL		871	1 0	871	0	3	40	55 6	0 42	2 0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	38	0	0	0	0	0	60	60	60 60	3	3
					ост	NOV	DEC JA	N FEE	B MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC .	AN F	ЕВ М		APR M	AY JU	JN JI	JL AU	GSEP	
MANUFACTURER'S NAME AND LOCATION	PRC	D RATE	s	REA-							CURE													(S: Q								1	+		1			1	1
	MIN	1-8-5		CH 0+					A							TURIN	G	то	TAL A	TER		Ť																	
DELFASCO, TN	10	60	100.8							OCT		T 1 O	СТ		ТІМ		-		1 00			t																	
			100.0	t –	INITI	Δ1	I			6		6			1 1141	14				20		t																	
-										6		6				14				20		t																	
	+			1						0			SHOP		1101				PA							PAG	E I							PAGE	1	0	F 1	PAG	=9
	+								+	+		ITEN		PINC				-	NO.							FAG	р <u>с</u> Г	NO.					r		XHIBI			FAG	
	+											IIEN	I NU.		15				NU.	5/															VHIRI	1 F-2	21		
	1	1	1	1	1					1						1	1	Ì	Î.		1	1	1	1			1												1

		BUDGE	T ITEM JUSTIF	ICATION			DATE	
		((EXHIBIT P-40))			FEBRUARY 1	998
APPROPRIATIC	N/BUDGET ACTIV	/ITY		<u>,</u>	P-1 ITEM NOMENCI	LATURE		
PAAF/MUNIT	IONS AND RELATE	ED EQUIPMENT			2000 LB HE BOMB	√K-84		
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		0	0	1948	4057	6418	8113	8613
COST (In Millions)		\$0	\$0	\$9.391	\$13.035	\$20.556	\$26.661	\$33.017
AERODYNAMIC LOW DRAG WE WITH PROXIMIT 2. THE FY 99 B CONVENTIONA THE MK-84 BON 3. QUANTITIES	C DRAG. THE BOM APON. WHEN CO TY, INSTANTANEC	//B IS DESIGNED T DMBINED WITH A DUS OR DELAY FU THE MK-84 BOMB MCA). FY99 COS OR LOW DRAG M K-84 BOMB BODIE	TO PRODUCE BLA GUIDANCE KIT, IT UZES TO PROVID 3 AND THE MK-84 T IS BASED UPON MODE. ES ONLY. 5 DUE TO UPDATE	AST AND FRAGM T CAN BE EMPLO DE A VARIETY OF FIN ASSEMBLIE N ESTIMATED CO	ATIVELY THIN BOMI MENTATION EFFECT DYED AS A PRECISI MILITARY EFFECT S. THE MK-84 IS PR ONTRACT/SUPPOR	TS AND CAN BE U ION GUIDED BOM S. OCURED THROU	JSED AS AN UNGUI MB. THE MK-84 CAN JGH THE SINGLE M	IDED HIGH OR N BE FUZED IANAGER FOR
			LIST ITEM NO.	FAGE NO. 56				

AMMUNITION COST ANALYSIS (DOLLARS IN THOUSANDS) APPROPRIATION AND P-1 LINE ITEM DATE: PAAF 2000 LB HE BOMB, MK-84 FEBRUARY 1998 ELEMENT OF COST FY99 IDENT FY97 FY98 QTY: 1950 QTY: 0 QTY: QTY: 0 CODE QTY UNIT COST TOTAL QTY UNIT COST TOTAL QTY UNIT COST TOTAL QTY UNIT COST TOTAL HARDWARE MK84(F275) LOAD ASSEMBLE AND PACK (LAP) А 1950 781.81 \$1,525 BOMB BODY MK84-4 2008 2003.78 \$4,023 LUG SUSPENSION MK 3 4095 29.44 \$120 PALLET MK79 975 \$153 157 PALLET INSPECTION MK 79 975 57.11 \$55 TNT TYPE I FLAKE (LB) 1448947 1.41 \$2,043 ALUMINUM POWDER 366600 0.88 \$322 SUBTOTAL \$8,241 PRODUCTION SUPPORT QUALITY ASSURANCE \$0 ACCEPTANCE TESTING \$0 INTERIM TRANSPORTATION \$100 INDUSTRIAL STOCK SUPPORT \$169 GOVERNMENT FURNISHED MATERIAL (\$2,641 SUBTOTAL (\$2,372) TOTAL \$3,009.88 \$ 5,869 1950 NAVY ENGINEERING SUPPORT \$142 TOTAL MK-84 \$ 6,011 HARDWARE FIN ASSBLY(F607) 13428 \$236.03 \$3,169 PRODUCTION SUPPORT QUALITYASSURANCE \$5 INDUSTRIAL STOCK SUPPORT \$64 \$241.07 SUBTOTAL 13428 \$3,238 NAVY ENGINEERING SUPPORT \$142 TOTAL FIN ASSEMBLY 13428 \$3,380 TOTAL P-1 LINE ITEM \$ 9,391 P-1 ITEM NO. PAGE NO. 59 EXHIBIT P-5 PAGE 1 OF 1 16

BUDGET PROCUREMENT HISTORY PLANNING (P-5A)

FEBRUARY 1998

A. DATE

3. APPROPRIATION/BUDGET ACTI				C. P-1 ITEN	NOMENCLA					
	ITIONS AND RELATED EC				T T		BOMB, MK-84			
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 YE WHE AVAI
2000 LB HE BOMB, MK-84										
FY 1991	IMCO/MCAAP^	SS/FP	ARMY/IOC (AFMC/OO-ALC)	DEC 91	APR 95	3000	2073.81			
FY 1999	IMCO/MCAAP	SS/FP	ARMY/IOC (AFMC/OO-ALC)	JAN 99#	SEP 00	1948	3010.41	YES	NO	
FIN ASSY BOMB F/2000 LB GP, MK-84										
FY 1992	DAVID LILLY CO, INC@	C/FP	ARMY/IOC (AFMC/OO-ALC)	JUN 92	MAR 93	3000	154.85			
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 99	MAR 00	13428	241.07	YES	NO	

	P-1 SHOPP LIST ITEM NO. 16	PAGE 60	Exhibit P-5A
10	NCLASSIFI	ED	

FY98/99 BUDGET PRODUCTION	I SCHED	DULE			P-1 I	ITEM	NOME	NCLA	TURE:		2000 l	LB HE	BOM	3, MK	-84									DATE	:	FEB	RUAR	RY 199	98									
ITEM/MFG PROCUREMENT YEAR	S E	PROC	ACCPT	BAL				FI	SCAL Y	ÆAR §	98								FISC	CAL YE	EAR 9	99								F	ISCA	L YE	AR 00)				A
	R	QTY	PRIOR	DUE	97	97	97			CAL	ENDAF	R YEAF	R 98								CAL	ENDA	R YE	AR 99)						С		NDAR	YEA	R 00			ER
	V		1-Oc	1-Oc	t OCT	NOV	DEC J	IAN FE	B MAR	APR	MAY	JUN JI	UL AI	JG SE	P OC	T NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP (ост і		DEC	JAN F	ЕВ М	IAR A	APR N	MAY .	JUN J	UL AU	G SEP	
2000 LB HE BOMB, MK-84																																						
IMCO/MCAAP FY99	AF	1.9	0.0	1.9	9													с																			1.	2 0.7
FIN ASSY BOMB, MK-84																																						
UNKNOWN FY99	AF	13.4	L C	13.4	1															С												6.0	6.0	1.4				0
TOTAL		15.3	s c	15.3	3 0	0	0	0	0 0	0 0	0	0	0	0	0	0 0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	1.4	0	0	0	1 0.7
MANUFACTURER'S NAME					ОСТ	NOV	DEC	IAN FE	B MAR	APR	MAY	JUN JU	UL AI	JG SE	P OC	T NOV	DEC	JAN	FEB	MAR		MAY						NOV	DEC	JAN F	EB M	IAR A	APR N	MAY	JUN J	UL AU	G SEP	
AND LOCATION	PRO	RATE	3	REA-						PRC	CURE	MENT	LEAD								IMCC	ARKS:) = INTE AP = M	RCON	ITINEN	ITAL N	ANUF	ACTUR			NY.								
	MIN	1-8-5	MAX	CH 0+							AD TIME	_	N	IANUFA	CTUP	ING	тс	DTAL A	TEP		P-21	SCHED 1-8-5, A	ULE R	EFLEC	CTS LA	P AWA	ARD D	ATE AN	ND DEI									
IMCO,		100		51101						1 OCT		- 1 OCT			ME			1 00				, /			200					0		OLI						
GARLAND, TX MCAAP, MCALESTER, (BOMB BODY)	1.2	2.4	4.8		MK-	84 BC	MB					4			20		1		24																			
UNKNOWN FOR FIN ASSEMBLY	UNK	UNK	UNK		FIN	ASSE	MBLY					6			12				18																			
												P-1 SH	HOPP	ING L	ST			PA	GE						PAG	BE N	10.					F	PAGE		1 (DF 2		
												ITEN	1 NO.	16				NO.		61														EX	HIBIT	P-21		

FY98/99 BUDGET PRODUCTIO	N SCHE	DULE			P-1	ITEM	NOM	IENC	LATU	RE:		2000	LB HI	E BOI	MB, N	/K-84	1									DA	TE:	FE	BRUA	ARY 1	998										
ITEM/MFG PROCUREMENT YEAR	SE	PROC	ACCPT	BAL		1			FISC	AL YE	AR 0	1								1	FISC	CAL Y	'EAR	02								-	FIS	CAL Y	/EAR	03					L A T
	R V	QTY	PRIOR	DUE	00	00	00				CALE	INDA	R YE	AR 01					1		1	-	CA	LEND	AR Y	EAR)2	-	-	-	-		-	CAL	ENDA	AR YI	EAR 0	3		r	E R
	·		1-Oc	1-Oc	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	I FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2000 LB HE BOMB, MK-84																																									
IMCO/MCAAP FY99	AF	1.9	1.2	0.7	0.7																		_		_	_	_		_							-					C
FIN ASSY BOMB, MK-84																																									
UNKNOWN FY99	AF	13.4	13.4	0.0																			_																		C
																	-						-	-	-	-	-		-												
																							-			-	-		-												
							-	-																-																	
TOTAL		15.3	14.6	0.7	0.7	0	0	0	0	0	0	0	0	0	0	'0	0	0	0	0	0) (b	0	0	0 (0 (0	о (0 0	0 0		0 (b	0 0)	0	0 (0 0	0	C
					ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	S SEP	ост	NOV	DEC	JAN	I FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MANUFACTURER'S NAME AND LOCATION	PRO		3	REA-							PRO	CURE	MEN	T LE/	AD TI	ME							IMC	MARKS CO = IN ⁻ AAP = I	TERCO	ONTINE	ENTAL	MAN	JFACT			PANY.									
IMCO,	MIN	1-8-5	MAX	CH 0+	_					ADN PR 1 (AD TIM	E T 1 OC	т	MAN	JFACT	URIN	G	то	TAL AI 1 OC			P-2	1 SCHE 1, 1-8-5,	DULE	REFL	ECTS	LAP A	WARD	DATE	AND D								ł.		
GARLAND, TX MCAAP,	1.2	2 2.4	4.8		MK-	84 BC	ОМВ						4	•		ТIМЕ 20					24																				
MCALESTER, OK (BOMB BODY)		UNK				ASSE		v					6			12					18		1																		
UNKNOWN FOR FIN ASSEMBLY	JUN			I	1, 114,	, .00L				<u> </u>			P-1 S	внор	PING					PA			1				PA	GE	NO.						PAG	θE	2	OF	2	PAGE	S
													ITE	M NC) .	16				NO.		62														I	EXHIB	IT P-2	21		

			TITEM JUSTIFI (EXHIBIT P-40)				DATE FEBRUARY 1	998
	N/BUDGET ACTIV				P-1 ITEM NOMENCL			
PAAF/MUNITI	ONS AND RELATE				MK-84 BOMB-EMPT			1
		FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		1500	994	2936	2690	2701	2725	3335
COST (In Millions)		\$3.510	\$2.482	\$7.138	\$6.315	\$6.469	\$6.653	\$8.302
VERMICULITE A BOMB IS NOT R 2. THE MK-84 IS CONVENTIONA COSTS.	ND SAND. THE F EQUIRED. THE B S PROCURED THF L AMMUNITION W	ILLED BOMB, WIT DU-56 SIMULATE ROUGH THE SING	HOUT FUZE WEL S THE DROP TRA LE MANAGER FO FUND (CAWCF) S	LS OR PLUMBIN JECTORY OF A M R CONVENTION/ STANDARD PRIC	G, IS USED DURING MK-84. AL AMMUNITION (SI NG. FY99 COST IS	G TRAINING OR MCA). FY 97/98	N PLANT WITH CON TEST WHEN A FULL COST IS BASED ON FIMATED CONTRAC	Y FUNCTIONAL
			P-1 SHOPP I IST ITEM NO. 17	PAGE NO. 63				

AMMUNITION COST ANALYSIS

(DOLLARS IN THOUSANDS)

			AMM	JNITION CO	ST ANALYS	S	(DOLLARS IN T	THOUSANDS)					
APPROPRIATION AND P-1 LINE ITEM									DATE:				
PAAF		BOMB-EMF								FEBRUARY			
ELEMENT OF COST	IDENT		QTY:	-	FY97	QTY:	1500	FY98	QTY:	994	FY99	QTY:	2936
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE BDU-56 (E756)													
LOAD ASSEMBLE AND PACK (LAP)	А				1500	\$216.97	\$325	994	250.36	\$249	2936	\$226.16	\$664
BOMB BODY W/O PLUMBING					1545	\$1,644.99	\$2,542	1077	1876.31	\$1,921	3026	\$1983.71	\$6,004
PALLET INSPECTION, MK 79								2195		\$59	1484	\$57	\$84
SUBTOTAL							\$2,867			\$2,229			\$6,752
PRODUCTION SUPPORT													
QUALITY ASSURANCE							\$4			\$6			\$5
ACCEPTANCE TESTING							\$33			\$28			\$0
INTERIM TRANSPORTATION							\$29			\$17			\$96
INDUSTRIAL STOCK SUPPORT							\$121			\$82			\$143
CAWCF GAIN/LOSS SURCHARGE							\$336						
SUBTOTAL							\$523			\$133			\$244
TOTAL					1500	\$2,259.70	\$3,390	994	\$2,374.01	\$ 2,362	2963	\$2,381.74	\$ 6,996
NAVY ENGINEERING SUPPORT							\$120			\$120			\$142
TOTAL P-1 LINE ITEM							\$ 3,510			\$ 2,482			\$ 7,138
				P-1 ITI	EM NO.	PAG	E NO. 64			EXHIBIT P-5			
				17						PAGE 1 OF 1			

	BUDGET PROCUR	EMENT HIS	TORY PLAN	NING (P-5A	A)			A. DATE FE	BRUARY 1	998
B. APPROPRIATION/BUDGET ACTIV PAAF/MUNIT	ITY TIONS AND RELATED EQUI	PMENT		C. P-1 ITEN	NOMENCLA		OMB-EMPTY			
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
MK-84 BOMB-EMPTY BDU-56 (E756)										
FY 1998	IMCO/MCAAP	SS/FP	ARMY/AMCCOM (AFMC/OO-ALC)	JAN 98@	SEP 99	994	2374.01#			
FY 1999	IMCO/MCAAP	SS/FP	ARMY/AMCCOM (AFMC/OO-ALC)	JAN 99@	SEP 00	2936	2381.74#	YES	NO	
D REMARKS										

D. REMARKS @ AWARD DATE REFLECTS DATE OF LOAD, ASSEMBLE AND PACK (LAP) CONTRACT AWARD. MCALESTER ARMY AMMUNITION PLANT LOCATED IN MCALESTER, OK IS THE LAP FACILITY AND INTERCONTINENTAL MFG CO (IMCO), LOCATED IN GARLAND, TX PROVIDES THE BOMB BODY.

UNIT COSTS DO NOT INCLUDE FUNDS PROVIDED TO US NAVY FOR ENGINEERING SUPPORT COSTS.

P-1 SHOPP LIST ITEM NO. 17	PAGE 65	Exhibit P-5A PAGE 1 OF 1

FY98/99 BUDGET PRODUCTIO	N SCHEI	DULE			P-1	ITEM	NOM	ENCL	.ATUF	RE:	М	K-84	BOME	B-EMF	ΤY										DAT	E:	FEB	RUA	RY 19	98										
ITEM/MFG PROCUREMENT YEAR	S E	PROC	ACCPT	BAL					FISCA	AL YE	AR 98									FIS	CAL Y	EAR 9	99									FISC	AL YE	EAR 0	0					L A T
	R	QTY	PRIOR	DUE	97	97	97			C	CALEN	IDAR	YEAF	8 98								CAL	ENDA	R YE	AR 9	9							CALE	INDA	R YE	AR 00)			E R
	V		1-Oct	1-Oct	t OCT	NOV	DEC	JAN	FEB N	MAR A	PR M	AY JU	IN JUI	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL 4	AUG SI	ΕP	
BDU-56 (E756)																																								
IMCO/MCAAP FY97	AF	1.5	5 0	1.5	5																1.2	2 .3	3																	0
IMCO/MCAAP FY 98	AF	0.9	0	0.9	9			с																			0.9													0
IMCO/MCAAP FY99	AF	2.9	0	2.9)														с																				1.2	1.7
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					ост	NOV	DEC	JAN	FEB N	MAR A	PR M	AY JU	IN JUI	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN .	JUL A	AUG SI	ΕP	
MANUFACTURER'S NAME AND LOCATION	PROI	D RATES	5	REA-						F	PROCI	IREN			TIME								ARKS:) = INT						RNG	OMP										
																						MCA	AP = M	ICALES	STER A	RMY	AMMU	NITION	I PLAN	IT.		RY STA	ART DA	TE FR	ом мо	CAAP.				
IMCO,	MIN	1-8-5	MAX	CH 0+	-				-	ADM PR 1 C	IN LEAD		1 OCT	MA	NUFAC	TURIN	IG	то	TAL A			MIN,	1-8-5,	AND M	IAX PR	ODUC	TION F	RATES	ARE E	BASED	ON T	OTAL	MK-SE	RIES B	OMB F	PRODU	JCTION	۱.		
GARLAND, TX	1.2	2 2.4	4.0										1001	_	TIM				100																					
MCAAP, MCALESTER,	1.2	2 2.4	4.0		INIT	IAL					6		4	_	20)				24		-																		
	L				REC	ORDE	R				6		4		20)				24																				
												P	1 SHO	OPPIN	g lis	т			PA	GE						PAG	GE I	NO.						PAG	E	1 (OF	2		
													ITEM	NO.	17				NO.		66														ΕX	КНІВІ	T P-21	I		

FY98/99 BUDGET PRODUCTION	N SCHE	DULE			P-1	ITEM	NOM	ENCL	ATUR	RE:	Ν	MK-84	1 BON	MB-EM	MPT	(DAT	E:	FEE	BRUA	RY 1	998										
ITEM/MFG PROCUREMENT YEAR	S E	PROC	ACCPT	BAL					FISCA	AL YE	AR 01	1									FISC	AL Y	EAR	02									FISC	AL Y	EAR (03					
	R	QTY	PRIOR	DUE	00	00	00				CALE	NDAF	R YEA	AR 01									CAL	.END	AR Y	EAR (02							CAL	ENDA	R YE	EAR 0	3			ER
	V		1-Oct	1-Oc	t OCT	NOV	DEC	JAN F	FEB N	MAR	APR N	/AY J	UN J	JUL A	UG S	SEP (ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
BDU-56 (E756)																																									
IMCO/MCAAP FY97	AF	1.5	5 1.5	0.0)																																				c
IMCO/MCAAP FY98	AF	0.9	0.9	C)																																				c
IMCO/MCAAP FY99	AF	2.9	1.2	1.7	1.7	,						_		_										-													-				C
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TOTAL		5.3	3.7	1.7	1.7	7 O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C) () () C	0 0	0 0	0 0	0	0 0) C	0	0	c	0 0) (0 0	0	0	0	C
					ост	NOV	DEC	JAN F	FEB N	MAR	APR N	/AY J	UN J	JUL A	UG S	SEP (ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MANUFACTURER'S NAME AND LOCATION	PROE		5	REA-							PROC	URE	MEN	T LEA	ND TI	ME							IMC	/ARKS O = IN AAP = I	TERCO	ONTINE	ENTAL	MANU	JFACT			PANY.									
	MIN	1-8-5	MAX	CH 0+					_		1IN LEA	-			MANU	FACTI	URING	6	то	TAL AF			P-21 MCA	SCHE	EDULE ABLE	REFLI TO RU	ECTS	LAP A' A RATI	WARD E SLO	DATE WER T	AND						MCAAF		1ANPO	WER A	GAINST
IMCO, GARLAND, TX	1.2	2.4	4.0							PR 1 (СТ	AFT	1 00	т		TIME				1 00	т					50 GE		NODU													
MCAAP, MCALESTER, OK	1.2	2.4	4.0		INIT	IAL					6		4	+		20					24		-																		
					REC	ORDE	R				6		4			20					24																				
												F		HOPF						PAG							PA	GE	NO.						PAG					PAG	ES
													ITEN	M NO.		17				NO.	(67														E	XHIB	IT P-2	21		

		BUDGE	T ITEM JUS	STIFICATIO	N			DATE		
			(EXHIBIT F	P-40)				FEB	RUARY 1998	
APPROPRIATION/BU	DGET ACTIVI	TY	•		P-1 ITEM N	IOMENCLATL	JRE			
PAAF/MUNITIONS	AND RELATE	D EQUIPMEN	IT		SENSOR F	UZED WEAP	NC			
	PRIOR	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	TO	TOTAL
	YEARS								COMPLETE	PROGRAM
QUANTITY	1045	542	556	295	455	326	277	538	966	5000
COST (\$M))	\$501.840	\$149.500	\$150.150	\$125.992	\$151.804	\$118.039	\$109.163	\$189.000	\$306.106	\$1,801.594
INITIAL SPARES (\$M)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL (\$M)	\$501.840	\$149.500	\$150.150	\$125.992	\$151.804	\$118.039	\$109.163	\$189.000	\$306.106	\$1,801.594
FLYAWAY UNIT	\$0.480	\$0.276	\$0.270	\$0.427	\$0.334	\$0.362	\$0.394	\$0.351	\$0.317	\$0.360
COST (\$M)										
WPN SYS PROC	\$0.480	\$0.276	\$0.270	\$0.427	\$0.334	\$0.362	\$0.394	\$0.351	\$0.317	\$0.360
UNIT COST (\$M)										
REMARKS										

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. PRIOR YEARS (FY 96 AND BEFORE) FUNDING INCLUDES \$10.888M TO PROCURE 98 SEEK EAGLE UNITS. THE AVERAGE UNIT COST, EXCLUDING THE SEEK EAGLE UNITS, IS \$358k.

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 DECISION (ACQUISITION DEFENSE MEMO DATED 14 JUNE 1996). THE FIRST FRP CONTRACT WAS AWARDED 17 JUNE 1996 FRP 2 WAS AWARDED IN FEBRUARY 1997; FRP 3 IS SCHEDULED FOR FEBRUARY 1998.

P-1	PAGE NO.	
SHOPP		
LIST ITEM		
NO.		
18		

			АММ	JNITION CO	ST ANALYS	IS	(DOLLARS IN	THOUSANDS)					
APPROPRIATION AND P-1 LINE IT	EM								DATE				
PAAF			SENSOR FL	JZED WEAP						FEBRUARY19	98		
ELEMENT OF COST	IDENT	FY97	QTY:	542	FY 98	QTY:	556	FY 99	QTY:	295		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
CBU-97/B	А	542	\$241	\$130,622	556	\$240	\$133,440	295	\$369	\$108,855			
ENGINEERING CHANGE ORDERS	~	0.2	φ 2	\$3,948	000	¢2 10	\$2,690	200	\$000	\$2,738			
GFE				\$2,171			\$0			\$2,105			
SUBTOTAL				\$136,741			\$136,130			\$113,698			
NONRECURRING/ANC EQUIP TOOLING AND TEST EQUIP				\$8,755			\$10,955			\$7,476			
PRODUCTION SUPPORT LOT ACCEPTANCE TESTS PROG MGMT ADMIN (PMA)				\$1,212 \$2,746			\$1,250 \$1,742			\$1,574 \$3,200			
SUBTOTAL				\$3,958			\$2,992			\$4,774			
TOTAL FLYAWAY COSTS				\$149,454			\$150,077			\$125,948			
OTHER SUPPORT COSTS DATA				\$46			\$73			\$44			
TOTAL P-1 LINE ITEM		542	\$276	\$149,500	556	\$270	\$150,150	295	\$427	\$125,992			
				P-1 ITEM 18		PAGE	NO. 69			EXHIBIT P-5 PAGE 1 OF 1		1	

	BUDGET PROCUP	REMENT HIST	ORY PLANNI	NG (P-5A)				A. DATI FE	E BRUARY 1	1998
B. APPROPRIATION/BUDGET ACT				C. P-1 ITE		TURE				
	NITIONS AND RELATED EQU						UZED WEAPON			
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
SENSOR FUZED WEAPON	1	1	1	1	1	1	l	I		
FY 1997	TEXTRON @	SS/FPIF	AFMC/ASC	FEB 97	JUN 98	542	\$241,000.00#			
FY 1998	TEXTRON	SS/FPIF	AFMC/ASC	FEB 98	JUN 99	556	\$240,000.00#	YES	NO	
FY 1999	TEXTRON	SS/FPIF	AFMC/ASC	JAN 99	JUN 00	295	\$369,000.00#	YES	NO	

D. REMARKS			
@ TEXTRON SYSTEMS DIVISION IS LOCATED IN WILMINGTON, MA.			
# UNIT COSTS REFLECT COST OF CBU-97 HARDWARE ONLY. UNIT COST INCREASE IN FY 99 IS A RESULT OF IN	CORPORATING THE P3I PR	ODUCTION CUT-II	N FOR FRP 4.
	P-1 SHOPP LIST ITEM NO. 18	PAGE 70	Exhibit P-5A
UN	ICLASSIFIE	D	

FY98/99 BUDGET PRODUCTIO	ON SCH	EDULE			P-1 IT	EM NO	OMEN	CLATU	JRE:		SENS	OR F	UZED	WE		١									DAT	E:	FEB	RUA	RY199	98										
ITEM/MFG	S E	PROC	ACCPT	BAL				FIS	SCAL Y	EAR 9	98									FISC	CAL YE	EAR	99								0	FISC	AL YE	EAR 0	0					L A T
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	97	97	97			CALE	NDAR	YEA	R 98									CAL	ENDA	R YE	AR 99	9							CALE	NDA	R YEA	R 00				E R
	v		1-Oc	t 1-Oct	ост	NOV	DEC JA	N FE	B MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
TEXTRON FY95	AF	27	3 186	8 87	69	5																	13	5																0
TEXTRON FY96	AF	52	1 172	349	43	43	43 4	4 4	4 44	44	23												21																	0
TEXTRON FY97	AF	54	2 (542								48	48	50	50	50	50	50	50	48	48	44	6	5																0
TEXTRON FY98	AF	55	6 (556				С																48	50	52	52	52	52	50	46	46	40	36	32					0
TEXTRON FY99	AF	29	5 (295															с																	20	20	20	20	215
TOTAL		2,18	7 358	3 1,829	112	48	43	44 4	4 44	44	23	48	48	50	50	50	50	50	50	48	48	44	40	18	50	52	52	52	52	50	46	46	40	36	32	20	20	20	20	215
TOTAL		2,10	/ 000	1,023	112	-10					2.5	40	40	50	50	50	50	50	50	40				,	, 50	52	52	52	52	50	40	40		, 30	52	20	20	20	20	210
					ОСТ	NOV	DEC JA	N FE	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR				JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MANUFACTURER'S NAME AND LOCATION	PRO	D RATI	S	REA-					-	PRO	CUREN	1ENT	LEAD	D TIM	E							REI	MARK	S:																
	MIN	1-8-5	МАХ	CH 0+	-				_					MANL	IFACT	URING	3	TO	TAL AF																					
TEXTRON WILMINGTON, MA	UNK	UNK	UNK						PR	1 OCT	AFT	1 OC	Г		TIME				1 00	Т		ļ																		
					INITIA	L						4				17				21		ļ																		
					REOR	DER						4				17				21																				
												P-1 S	SHOPI	PING	LIST				PAG	ЭΕ						PA	GE	NO.						PAG	ε	1	OF	2	PAGE	3
												ITEM	I NO.		18				NO.	71	1														EXH	HIBIT	P-21			

FY98/99 BUDGET PRODUCTIO		DULE			P-1	ITEM	NOM	IENCL	ATU	RE:	5	SENS	SOR I	FUZE	ED WI	EAPC	N									DAT	E:	FEE	BRUA	RY19	998									
ITEM/MFG PROCUREMENT	S E	PROC	ACCPT	BAL			1	r –	FISC	AL YE	EAR 0	1									FISC	AL Y	EAR	02								1	FISC	CAL Y	'EAR	03				
YEAR	R V	QTY	PRIOR	DUE	00	00	00				CALE	NDA	R YE	AR 0	1								CAL	END/	AR YI	EAR	02	1		_				CAL	END	AR YE	EAR ()3		F
			1-Oc	t 1-Oc	t OCT	NOV	DEC	JAN	FEB	MAR	APR N	IAY J	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	EP
TEXTRON FY95	AF	273	273	s 0	D																																			
TEXTRON FY96	AF	521	521	C	D																																			
TEXTRON FY97	AF	542	542	. c)																																			
TEXTRON FY98	AF	556	556	5 C)																																			
TEXTRON FY99	AF	295	80	215	5 26	6 26	6 26	26	26	26	28	31																												
TOTAL		2,187	1,972	215	5 26	6 26	6 26	26	26	26	28	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0) (0 0	0	0	0	0	0	0	0	0	0	0	0	0
					OCT	NOV	DEC									050	OCT										4110	050	OCT		DEC				4.00				AUG S	
MANUFACTURER'S NAME		RATES		REA-	001	NUV	DEC	JAN	FEB		PROC						001		DEC	JAN	FEB	MAR																		EAR
AND LOCATION		1-8-5		CH 0+											MANU				TOT	AL AF	TEP		THE	E MAX	XIMU	MEC	CONC	MICA	L PR	ODU	СТЮ	N RA	TE IS	S 600	UNIT	IS PE	R YE	AR.		
TEXTRON											OCT	-	и <u>е</u> Г 1 ОС		WANU			2	101	1 OC																				
WILMINGTON, MA	500	UNK	600		INIT	1.01							A			TIME		\dashv			21		1																	
							. D					1	4				17				21																			
		1	1	1	IKEC	ORDE	ĸ						4				17				21		<u> </u>				D ^	05							DAG	-	0	05		
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		BUDGE			N			DATE	RUARY 1998	
			(EXHIBIT F	-40)				1.50		
APPROPRIATION/BUI	DGET ACTIVI	TY			P-1 ITEM N	OMENCLATU	IRE			
PAAF/MUNITIONS A	AND RELATE	D EQUIPMEN	IT		JOINT DIRI	ECT ATTACK	MUNITION			
	PRIOR	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	TO	TOTAL
	YEARS								COMPLETE	PROGRAM
QUANTITY	0	937	2400	2187	5779	11049	10617	10592	18439	62000
GROSS COST (\$M))	\$0	\$23.010	\$54.949	\$53.157	\$127.999	\$246.016	\$216.298	\$210.009	\$427.814	\$1359.252
INITIAL SPARES (\$M)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL (\$M)	\$0	\$23.010	\$54.949	\$53.157	\$127.999	\$246.016	\$216.298	\$210.009	\$427.814	\$1359.252
FLYAWAY UNIT	N/A	\$0.019	\$0.019	\$0.020	\$0.021	\$0.021	\$0.020	\$0.019	\$0.019	\$0.020
WPN SYS PROC	N/A	\$0.025	\$0.023	\$0.025	\$0.023	\$0.023	\$0.021	\$0.021	\$0.021	\$0.022
REMARKS										

1. OPERATION DESERT STORM CONFIRMED THE NEED FOR A MORE ACCURATE WEAPON DELIVERY CAPABILITY IN ADVERSE WEATHER CONDITIONS AND FROM MEDIUM/HIGH ALTITUDES. FAILURE TO SATISFY THIS REQUIREMENT WILL ALLOW THE ENEMY TO CONTINUE TO TAKE ADVANTAGE OF THE SANCTUARY OF WEATHER AND/OR PREVENT U.S. AIR POWER FROM PROSECUTING A CONFLICT ON ITS TERMS. THE JOINT DIRECT ATTACK MUNITION (JDAM) PROGRAM IS A JOINT AIR FORCE AND NAVY PROGRAM TO CORRECT THESE SHORTFALLS, WITH THE AIR FORCE AS EXECUTIVE SERVICE. JDAM WILL UPGRADE THE EXISTING INVENTORY OF GENERAL PURPOSE BOMBS (MK-84/BLU-109/B, AND MK-83) BY INTEGRATING THE BOMBS WITH A GUIDANCE KIT CONSISTING OF A GLOBAL POSITIONING SYSTEM AIDED INERTIAL NAVIGATION SYSTEM (GPS/INS). JDAM WILL PROVIDE AN ACCURATE (13 METERS), ADVERSE WEATHER CAPABILITY. JDAM WILL INITIALLY BE INTEGRATED WITH THE B-52, B-2, B-1B AND F/A-18C/D AIRCRAFT. FOLLOW-ON INTEGRATION WILL BE ON THE F-16, F-15E, F-22, AND OTHER AIRCRAFT. THE TOTAL PRODUCTION BUY FOR JDAM IS 87,496 UNITS (62,000 FOR THE AIR FORCE AND 25,496 FOR THE NAVY). THERE IS NO REQUIREMENT FOR INITIAL SPARES BECAUSE THE PROGRAM HAS A 20 YEAR WARRANTY.

2. FY99 PROGRAM: CONTINUES THE PRODUCTION WITH 2187 KITS. REFERENCE PE 23783F OF THE AIR FORCE DESCRIPTIVE SUMMARIES.

P-1 SHOPP LIST ITEM NO. 20	PAGE: 73	
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			AMMU	JNITION CO	ST ANALYS	IS	(DOLLARS IN	THOUSANDS)					
APPROPRIATION AND P-1 LINE ITEM									DATE				
PAAF			JOINT DIRE	CT ATTACK	MUNITION					FEBRUARY 19	98		
ELEMENT OF COST	IDENT		QTY:		FY 97	QTY:	937	FY 98	QTY:	2400	FY 99	QTY:	2187
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
FLYAWAY COST													
HARDWARE-RECURRING													
AIRFRAME	А				937		\$16,617	2400		\$44,074	2187		\$41,158
ENGINEERING CHANGE ORDERS							\$453			\$1,238			\$1,153
SUBTOTAL							\$17,070			\$45,312			\$42,311
NONRECURRING													
CONTRACTOR INCENTIVE							\$814			\$1,293			\$402
SUBTOTAL							\$814			\$1,293			\$402
TOTAL FLYAWAY COST						\$19	\$17,884		\$19	\$46,605		\$20	\$42,713
SUPPORT COST													
TEST EQUIPMENT (CMBRE)							\$0			\$1,027			\$856
AIRBORNE TEST EQUIPMENT							\$2,436			\$2,157			\$3,828
DATA							\$553			\$442			\$406
PMA							\$685			\$887			\$1,262
SYSTEMS TEST & EVAL							\$222			\$199			\$0
TRAINING							\$58			\$56			\$53
PRODUCTION TECHNICAL SUPPORT							\$1,172			\$3,272			\$4,039
SUBTOTAL							\$5,126			\$8,040			\$10,444
AIRCRAFT FLIGHT CERTIFICATION ITEMS													
JDAM TEST UNITS										\$304			
SUBTOTAL										\$304			
TOTAL P-1 LINE ITEM						\$25	\$23,010		\$23	\$54,949		\$25	\$53,157
			1	P-1 ITEI	M NO.	PAG	E NO. 74			EXHIBIT P-5			1
					20					PAGE 1 OF 1			

BUDGET PROCUP	REMENT HIST	ORY PLANNI	NG (P-5A))			A. DATE FE		998
Ίνιτγ			C. P-1 ITE	M NOMENCL	ATURE				
INITIONS AND RELATED EQU	JIPMENT				JOINT DIRECT	ATTACK MUNI	TION		
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						
BOEING @	SS/FFP	AFMC/ASC	APR 97	MAY 98	937	24,557			
BOEING	SS/FFP	AFMC/ASC	APR 98	MAY 99	2400	22,895	N/A	N/A	
BOEING	SS/FFP	AFMC/ASC	APR 99	MAY 00	2187	24,747	N/A	N/A	
	IVITY INITIONS AND RELATED EQU CONTRACTOR/ LOCATION BOEING @ BOEING	IVITY INITIONS AND RELATED EQUIPMENT CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE BOEING @ BOEING @ BOEING (OPTION) SS/FFP (OPTION)	IVITY INITIONS AND RELATED EQUIPMENT CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE BOEING @ BOEING & BOEING & BOE	IVITY C. P-1 ITE INITIONS AND RELATED EQUIPMENT C. P-1 ITE CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE CONTRACTED BY AWARD DATE BOEING @ SS/FFP (OPTION) AFMC/ASC APR 97 BOEING SS/FFP (OPTION) AFMC/ASC APR 98	INITIONS AND RELATED EQUIPMENT CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE CONTRACTED BY AWARD DATE DATE OF FIRST DELIVERY BOEING @ BOEING SS/FFP (OPTION) SS/FFP (OPTION) AFMC/ASC APR 97 MAY 98 BOEING SS/FFP (OPTION) AFMC/ASC APR 98 MAY 99	IVITY C. P-1 ITEM NOMENCLATURE JOINT DIRECT INITIONS AND RELATED EQUIPMENT CONTRACT CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE CONTRACTED BY AWARD DATE DATE OF FIRST DELIVERY QUANTITY BOEING @ SS/FFP (OPTION) AFMC/ASC APR 97 MAY 98 937 BOEING SS/FFP (OPTION) AFMC/ASC APR 98 MAY 99 2400	IVITY C. P-1 ITEM NOMENCLATURE JOINT DIRECT ATTACK MUNIT INITIONS AND RELATED EQUIPMENT C. P-1 ITEM NOMENCLATURE JOINT DIRECT ATTACK MUNIT CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE CONTRACTED BY AWARD DATE DATE of FIRST DELIVERY QUANTITY UNIT COST BOEING @ SS/FFP (OPTION) SS/FFP BOEING SS/FFP (OPTION) AFMC/ASC APR 97 MAY 98 937 24,557 BOEING SS/FFP (OPTION) AFMC/ASC APR 98 MAY 99 2400 22,895	Generalized equipment FE IVITY C. P-1 ITEM NOMENCLATURE JOINT DIRECT ATTACK MUNITION CONTRACTOR/ LOCATION CONTRACT METHOD & TYPE CONTRACTED BY AWARD DATE DATE OF FIRST DELIVERY QUANTITY UNIT COST Specs AVAIL NOW* BOEING @ BOEING SS/FFP (OPTION) SS/FFP AFMC/ASC APR 97 MAY 98 937 24,557 24,557 BOEING SS/FFP (OPTION) AFMC/ASC APR 98 MAY 99 2400 22,895 N/A	Generative (Fory) FEBRUARY 1 IVITY C. P-1 ITEM NOMENCLATURE JOINT DIRECT ATTACK MUNITION INITIONS AND RELATED EQUIPMENT CONTRACT METHOD & TYPE CONTRACTED BY AWARD DATE DATE of FIRST DELIVERY QUANTITY UNIT COST Specs AVAIL NOW* Spec REV REV REQ'D BOEING @ BOEING SS/FFP (OPTION) SS/FFP AFMC/ASC APR 97 MAY 98 937 24,557 N/A N/A

D. REMARKS * SPECIFICATIONS HAVE BEEN WAIVED DUE TO JDAM'S STATUS AS AN ACQUISITION REFORM PILOT PROGRAM @ BOEING (FORMERLY MC DONNELL DOUGLAS) IS LOCATED IN ST LOUIS, MO. FY 97 AND FY98 CONTRACT IS AN OPTION TO THE FY 96 RESEARCH AND DEVELOPMENT (R&D) CONTRACT.	P-1 SHOPP LIST	PAGE: 75	Exhibit P-5A
1U		 ED	

FY99 PB PRODUCTION SCHE					P-1	ITEM	NOME	NCLA	TURE:		JOII		RECT	ΑΤΤΑ	CK N		ION								DATE	:	FEBF	UARY	1998											
ITEM/MFG	S E	PROC	ACCPT	BAL				FI	SCAL	YEAR	98									FISC	AL YE	AR 99										FISC	AL YE	AR00						A T
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	97	97	97			CAL	ENDA	R YE	AR 98									CALE	NDAR	YEAR	99								CALE	NDAR	YEAR	00				ER
	I		1-Oc	t 1-Oc	t OCT	NOV	DEC J	AN FE	B MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
BOEING FY97	AF	937	c	937	,						54	66	76	74	76	74	76	74	76	74	96	121																		
	Ν	C	C	0 0)																																			
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	N	898	c	898	3																														74	74	1 74	74	74	52
TOTAL AF		5,524	. c	5,524	0	0	0	0	0	0	54	66	76	74	76	74	76	74	76	74	96	121	128	156	210	210	212	212	212	212	2 212	212	212	212	187	184	179	181	179	1,27
TOTAL NAVY		1,566	c	1,566	6 0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	28	46	54	60	60	60	60	60	60	60	60	60	74	74	4 74	74	74	52
7074		7 000		7 000			0	0	0						70	- 4	70	- 4	70	- 4			450						070	070			070			0.54		0.5.5	0.50	4.00
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					ост	NOV	DEC J	AN FE	B MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB			MAY	JUN	JUL	AUG	SEP	OCT	NOV		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MANUFACTURER'S NAME AND LOCATION	PRO	D RATES		REA-						PRC	CUR	MEN	T LEA	D TIN	1E													DONNI TIONS.		DUGLA	AS AEF	ROSPA	CE. P	RODU	CTION	LESS	THAN	MSR [DUE TO	C
	MIN	1-8-5	мах	CH 0+	1					DMIN LE	_			MAN	UFACT	URING		TOT	AL AFT																					
BOEING, ST LOUIS, MO	283		1400)					PR	1 OCT	A	FT 1 0	СТ		TIME				1 001	Т																				
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												P-1	SHOP	PING	LIST				PAG	GΕ						PAGE	NO							PAG	Ē	1	OF	2	PAGE	S
												ITEN	1 NO.	20					NO.	76	6													EX	HIBIT	P-21				

FY99 PB PRODUCTION SCH	1				P-1 I	TEM N	OME	NCLA	TURE:			JOIN	T DIR	ECT	ΑΤΤΑ	CK MU	NITIC	N								DAT	ſE:	FEBRI	JARY	1998												
ITEM/MFG	S E	PROC	ACCPT	BAL					FISC/	AL YE	AR 0'										FISC	CAL YE	EAR 0)2									FIS	SCA	L YEA	R 03						A
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	00	00	00				CALE	NDA	R YE	AR 01									CAL	END	AR YE	AR 02	2							C	CALEN	IDAR	YEA	R 03				ER
	v		1-Oct	1-Oct	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	, JUN	JUL	AUG	SEP	ОСТ	NO	/ DE	C JA	N FE	ΒN	AR A	PR M	AY J	UN	JUL	AUG	SEP	
BOEING FY97	AF	937	937	0																																						
	N	0	0	0																																						
BOEING FY98	AF	2,400	2,400	0																																						
	N	668	668	0																																						
BOEING FY99	AF	2,187	910	1,277	183	3 185	181	181	183	182	182							1	1																							
	N	898	370	528	74	1 74	76	76	76	76	76																															
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TOTAL AF		5,524	4,247	1,277	183	3 185	181	181	183	182	182	0	0) ()) () (0 0	0 0) () (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	() (D
TOTAL NAVY		1,566	1,038	528	74	4 74	76	76	76	76	76	0	C) ()	о () (0 0	0 0) () (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	() (D
TOTAL		7,090	5,285	1,805	257	259	257	257	259	258	258	0	0) ()) () (0 0	0 0) () (0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	() (0
					ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	, JUN	JUL	AUG	SEP	ОСТ	NOV	/ DE	C JA	N FE	вN	AR A	PR M	AY J	UN	JUL	AUG	SEP	
MANUFACTURER'S NAME AND LOCATION	PRO	RATES		REA-							PRO	CURE	MEN	T LEA	D TIN	E							RE	MAR	KS: F	RODU	JCTIO	N RAT	'ES BE	LOW	MSR	DUE	TO R	AMF	P-UP (OF OF	PERA	TION	S.			
	MIN	1-8-5	мах	CH 0+						AD	MIN LE	AD TIN	ЛE		MAN	JFACTI	JRING		тс	OTAL A	FTER																					
BOEING, ST LOUIS, MO	283		1400							PR 1	ОСТ	AF	T 1 OC	т		TIME				1 00	СТ																					
2. 29010, 110					INITL	AL							7			1	3			20)																					
					REO	RDER							7			1	3			20)																					
													P-1 \$	SHOP	PING	LIST				PA	GE														P	AGE	2	2	OF	2	PAG	ES
													ITEN	1 NO.	20)				NO.	77															EXH	IBIT F	P-21				

		BUDGET	TEM JUSTIFIC				DATI	E	
		(E	XHIBIT P-40)					FEBRUARY 1998	3
APPROPRIATIO	DN/BUDGET ACTIV	/ITY	,	P-	1 ITEM	INOMENCLATUR	E		
PAAF/MUNIT	IONS AND RELAT				IND CO	DRRECTED MUNI		· · · /	-
	FY 1996	FY 1997	FY 1998	FY 1999		FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		0	280	676		3199	6883	7072	8379
COST (In Millions)		\$0	\$11.974	\$13.86	2	\$49.807	\$103.147	\$108.904	\$80.779
REMARKS		ΨΟ	ψ11.57 -	φ10.00	2	φ+0.007	φ100.14 <i>1</i>	φ100.50 4	φ00.115
CAUSED BY WI EFFECTIVENES NEARLY SIMUL PRODUCTION 2. SEEK EAGLI	IIDANCE KIT WILL IND WHEN THESE SS OF BOTH BOM TANEOUS MAJOF OPTIONS FOR LO E FUNDS ARE INC IPTIVE SUMMARI	MUNITIONS ARE BERS AND FIGHT R THEATER WARS W RATE INITIAL F CLUDED IN FY 98(RELEASED FRO ERS AND SIGNIF S(MTW). THE PIL PRODUCTION (LF \$4.012) AND FY0	OM MEDIUM T FICANTLY CO OT PRODUC RIP) AND FUL 1 (\$1.824), FO	O HIG NTRIB TION (L RATE	H ALTITUDES. TH UTE TO AIR FOR(EMD) CONTRACT E PRODUCTION.	HE WCMD KIT FIT CE WAR FIGHTING AWARDED TO LO THE FIRST (LRIP)	TED WEAPONS W G CAPABILITIES I OCKHEED-MARTI I IS SCHEDULED I	/ILL IMPROVE N TWO N INCLUDES N FY98.
			P-1 SHOPP LIST ITEM NO. 21	PAGE 78					

			AMM	JNITION CO	ST ANALYSI	S	(DOLLARS IN T	THOUSANDS)					
APPROPRIATION AND P-1 LINE ITEN PAAF	1		WIND CORF						DATE	FEBRUARY 1	208		
ELEMENT OF COST	IDENT	FY 97	QTY:	0	FY 98		280	FY 99	QTY:	676	550	QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
WCMD KITS					280	\$13	\$3,640	676	\$13.1	\$8,856			
ECO							\$2,396			\$2,047			
										\$0			
SUBTOTAL							\$6,036			\$10,903			
PRODUCTION SUPPORT													
DATA							\$4			\$4			
SYSTEM TEST							\$203			\$715			
PROG MGT ADMIN REQUIREMENTS							\$0			\$231			
OTHER WEAPON COSTS							\$1,719			\$2,009			
SUBTOTAL							\$1,926			\$2,959			
TOTAL WCMD							\$7,962			\$13,862			
AIRCRAFT FLIGHT CERTIFICATION ITEMS													
WCMD TEST KITS							\$4,008			\$0			
ECO							\$4			\$0			
TOTAL SEEK EAGLE							\$4,012			\$0			
TOTAL P-1 LINE ITEM					280		\$11,974	676		\$13,862			
						PAGE	NO. 79						
				P-1 ITEN		1 AGE				EXHIBIT P-5			
				21						PAGE 1 OF 1			

	BUDGET PROCUP	REMENT HIST	ORY PLANNI	NG (P-5A)				A. DATE FEI	E BRUARY [/]	1998
B. APPROPRIATION/BUDGET ACTIVITY PAAF/MUNITIO	NS AND RELATED EQU	JIPMENT		C. P-1 ITEI	NOMENCLA WIND		MUNITIONS D	ISPENSE	र	
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
WIND CORRECTED MUNITIONS DISPENSER										
FY 1998	LOCKHEED-MARTIN#	C/FFP	AFMC/ASC	JUN 98	MAR 99	280	\$13,000@	YES	NO	
FY 1999	LOCKHEED-MARTIN	C/FFP (OPTION)	AFMC/ASC	FEB 99	NOV 99	676	\$13,100@	YES	NO	

D. REMARKS # LOCKHEED-MARTIN, ORLANDO, FL @UNIT COSTS REFLECT COST OF HARDWARE ONLY.			
	P-1 SHOPP LIST ITEM NO.21	PAGE 80	Exhibit P-5A
U	NCLASSIFIE	ED	

FY98/99 BUDGET PRODUCTIO					P-1	ITEM			LATU	RE.		W/INI						ם פוו	ISPE		2					DA	TE·	FF	BRIL	ARY 1	008											
ITEM/MFG	S	PROC	ACCPT	DAL	Ė		Non				EAR 9		00			mor						CAL Y		00		DI					000		FIG	CAL Y		00					L	
PROCUREMENT	E R								FIGU												FISC								_				FIO								T	-
YEAR	V	QTY	PRIOR			7 97			[CALE											[AR Y			1			T					AR YE					R	
			1-Oc			NOV	DEC	JAN	FEB	MAR	APR			JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB										DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
LOCK/MARTIN FY98	AF	280											С									20	25	5 30	0 3	5 4	0 40	0 4	5 4													0
LOCK/MARTIN FY99	AF	676	C	676	6																С								-	50	0 52	2 56	62	6	2 68	3 72	78	83	93			0
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TOTAL		956	C	956	6 (0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C) (0 (0 (0 () (0	0 50	0 52	2 56	62	2 63	2 68	3 72	78	83	93	0)	0
					ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
MANUFACTURER'S NAME AND LOCATION	PRO	DD RATES	5	REA-							PROC	URE	MEN	T LE	AD TI	ME							REM	MARK	KS:																	
	MIN	1-8-5	мах	CH 0+						AD	MIN LE	AD TIN	IE		MAN	UFAC ⁻	TURIN	G	то	TAL A	TER																					
LOCKHEED-MARTIN, ORLANDO, FL	UNK		UNK							PR 1	OCT	AF	T 1 O	СТ		TIME				1 00	т																					
					INIT	IAL							8				9				17																					
					REC	ORDE	R						4				9				13																					
													P-1 \$	SHOF	PINO	LIS	г			PA	GE						PA	GE	NO.						PAC	ΞE	1	OF	1			
													ITEN	I NO.		21				NO.	81	I														EX	нівіт	P-21				

		BUDGE	T ITEM JUSTIF (EXHIBIT P-40				DATE FEBRUARY	1998
	ON/BUDGET AC	TIVITY			P-1 ITEM NOMENC ITEMS LESS THAN			
PAAF/MUNIT	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
					2000			
QUANTITY								
COST (In Millions) REMARKS		\$0.481	\$0.168	\$2.149	\$1.399	\$1.468	\$1.501	\$2.164
. ALL ITEMS OLLOWING P		AL PROCUREMENT	VALUE OF LESS	THAN \$2,000,000	AND ARE CODE A	. ITEMS REQUES	TED ARE IDENTIF	TED ON THE

GREGATED ITEI	MS (EXHIBIT F	P-40A)				DATE:		0
IPMENT							FEDRUART 198	0
IDENT	FY	′ 97	FY				FY	´ 00
CODE	QTY	COST	QTY	COST	QTY	COST	QTY	COST
A					167382	\$1,213		
А					23157	\$863		
А						\$73		
						\$2,149		
_				PAGE NO: 83				
	IPMENT IDENT CODE A A	IPMENT IDENT FY CODE QTY A A	IDENT FY 97 CODE QTY COST	IDENT FY 97 FY CODE QTY COST QTY A A A A A A A A A A A A A A A A A A A	P-1 NOMENCLITEMS LESS TI IDENT FY 97 FY 98 CODE QTY COST QTY COST A A A A A A A A A	IPMENT P1 NOMENCLATURE: ITEMS LESS THAN \$2,000,000 (0 IDENT FY 97 FY 98 FY 1 CODE QTY COST QTY COST QTY A Image: Cost of the state	P-1 NOMENCLATURE: ITEMS LESS THAN \$2,000,000 (BOMBS\$0MBS IDENT FY 97 FY 98 FY 99 CODE GTY COST GTY COST A A ITEMS LESS THAN \$2,000,000 (BOMBS\$0MBS \$1,213 A ITEMS LESS THAN \$2,000,000 (BOMBS\$0MBS \$2,149 ITEMS LESS THAN \$2,000,000 (BOMBS\$0MBS ITEMS LESS THAN \$2,000,000 (BOMBS\$0MBS ITEMS LESS THAN \$2,000,000 (BOMBS\$0MBS ITEMS LESS THAN \$2,000,000 (BOMBS\$0MBS ITEMS LESS THAN \$2,000,000 (BOMBS\$0,000,000 (BOMBS\$0,000 (BOMBS	FEBRUARY 199 PERPURENT IDENT FY 97 FY 98 FY 99 FY CODE OTY COST OTY COST OTY A A A A 1167382 \$1,213 A A A A 573 5803 A A A A A A A

			ITEM JUSTIF EXHIBIT P-40					DATE FEBRUARY 1	998
	N/BUDGET ACTIV			/	P-1 ITF	EM NOMENCLATU	RF		
	IS AND RELATED								
	FY 1996	FY 1997	FY 1998	FY 1999		FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY (In Thousands)		0	0	34,1	54	34,465	33,712	33,103	32,096
COST (In Millions)		\$0	\$0	\$4.8	86	\$4.835	\$4.828	\$4.815	\$4.806
PROTECT FIGH COUNTER-COU MISSILES AND, 2. FOUR CONF OF THE AIRCRA 51/B ARE COVE 3. THE PROGR FOR FEB - APR	TER AND TRANSP NTERMEASURES. IN TIME OF CONF IGURATIONS OF A FT. THE MJU-48/I RT FLARES THAT AM IS CURRENTL	ORT AIRCRAFT (WITHOUT THES LICT, INCREASED ASTE ARE BEING B IS A COMPANIO CONTAIN SPECIA Y IN RESEARCH A ATIONAL TEST AN OR MAY 98.	C-130,F-16,F-15) E ADVANCED E AIRCRAFT LOS PROCURED. TH IN FLARE DESIG AL MATERIALS S AND DEVELOPM ND EVALUATION	AGAINST T XPENDABLE SES CAN B IE MJU-47/E NED TO BE O THE EXP ENT (PE 64)	HIRD/FC E EXPE IS A KII USED II ENDING 270). DE SCHED	DURTH GENERATI CRAFT HAVE INAD CTED. NEMATIC FLARE E N CONJUNCTION AIRCRAFT IS NO EVELOPMENT TES	ON IR MISSILES EQUATE PROTE DESIGNED TO FL WITH THE MJU-4 T ILLUMINATED.	ERS AND ARE USE THAT CONTAIN FL CTION AGAINST TH Y ALONG WITH AN 7/B. THE MJU-50/E FION (DT&E) IS SCH ATA PACKAGE AND	ARE HESE TYPE ID/OR AHEAD 3 AND MJU- HEDULED
			ST ITEM NO.	PAGE NU. 8	64				

APPROPRIATION AND P-1 LINE IT	ſEM								DATE:				
PAAF			ASTE (INFR							FEBRUARY 199	8		
ELEMENT OF COST	IDENT	FY97	QTY:	0	FY98	QTY:	0	FY99	QTY:	13662		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
ARDWARE													
IJU-47/B	А							13662	\$169.00	\$2,309			
								10002	¢100.00	\$2,000			
SUBTOTAL										\$2,309			
RODUCTION SUPPORT													
ECH DATA										\$75			
COs										\$125			
IRST ARTICLE TEST										\$100			
SUBTOTAL										\$300			
TOTAL MJU-47/B								13662		\$2,609			
				P-1	TEM NO.	PAG	GE NO.85			EXHIBIT	P-5	_	

			AMMUNITIC	ON COST AN	ALYSIS		(DOLLARS	IN THOUS	ANDS)				
APPROPRIATION AND P-1 LINE	EITEM		ASTE (INFF	RARED EXPI	ENDABLE)				DATE:	FEBRUARY	1998		
ELEMENT OF COST	IDENT	FY97		0	FY98	QTY:	0	FY99	QTY:	13662		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
MJU-48/B	А							13662	\$101.00	\$1,380			
SUBTOTAL										\$1,380			
PRODUCTION SUPPORT													
TECH DATA										\$50			
ECOs										\$83			
FIRST ARTICLE TEST										\$67			
SUBTOTAL										\$200			
TOTAL MJU-48/B								13662		\$1,580			
	•			P-1 ITEN 24		PAGE	NO. 86		8	EXHIBIT P-5 PAGE 2 OF4	5		

			AMMU	UNITION CO	ST ANALYS	SIS	(DOLLARS IN	THOUSANDS))				
APPROPRIATION AND P-1 LIN	EITEM								DATE:				
PAAF			ASTE (INFR	RARED EXPI	ENDABLE)					FEBRUARY	1998		
ELEMENT OF COST	IDENT	FY97	QTY:	0	FY98	QTY:	0	FY99	QTY:	3415		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
MJU-50/B	А							3415	\$58.00	\$198			
SUBTOTAL										\$198			
PRODUCTION SUPPORT													
TECH DATA										\$7			
ECOs										\$12			
FIRST ARTICLE TEST										\$11			
SUBTOTAL										\$30			
TOTAL MJU-50/B								3415		\$228			
l													
l													
				P-1 ITEN		PAGE	NO. 87			EXHIBIT P-5	5		
				24		, AGE 1				PAGE 3 OF4			

			AMM		ST ANALYS	SIS	(DOLLARS IN	I THOUSANDS))				
APPROPRIATION AND P-1 LINE I PAAF	TEM		ASTE (INFF	RARED EXPI	ENDABLE)				DATE:	FEBRUARY	1998		
ELEMENT OF COST	IDENT	FY97	QTY:	0	FY98	QTY:	0	FY99	QTY:	3415		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
MJU-51/B	А							3415	\$120.00	\$410			
SUBTOTAL										\$410			
PRODUCTION SUPPORT													
TECH DATA										\$17			
ECOs										\$29			
FIRST ARTICLE TEST										\$24			
SUBTOTAL										\$70			
TOTAL MJU-51/B								3415		\$480			
TOTAL P-1 LINE ITEM										\$4,897			
				P-1 ITEN 24		PAGE	NO. 88			EXHIBIT P-5 PAGE 4 OF 4	5		

	BUDGET PROC	UREMENT HIS	STORY PLAN	NING(P-5A)			DATE FE	BRUARY 1	998
B. APPROPRIATION/BUDGET ACTIV				C. P-1 ITEN	I NOMENCLA					
	TIONS AND RELATED EC		1				RED EXPENDAB			
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
MJU-47/B										
FY 1999	TRACOR*	SS/FFP	AFMC/ASC	APR 99^	SEP 99	13662	169.00#	NO	YES	AUG 98
MJU-48/B										
FY 1999	TRACOR*	SS/FFP	AFMC/ASC	APR 99	SEP 99	13662	101.00#	NO	YES	AUG 98
MJU-50/B										
FY 1999	ASC**	SS/FFP	AFMC/ASC	APR 99	SEP 99	3415	58.00#	NO	YES	AUG 98
MJU-51/B										
FY 1999	ASC**	SS/FFP	AFMC/ASC	APR 99	SEP 99	3415	120.00#	NO	YES	AUG 98

 D. REMARKS

 * TRACOR AEROSPACE IS LOCATED IN CAMDEN, AK.

 ** ALLOY SURFACES CO (ASC) IS LOCATED IN WILMINGTON, DE.

 # UNIT COST IS HARDWARE COST ONLY.

 ^ AWARD DATE IS DELAYED AWAITING MILESTONE III DECISION (FEB 99).

 P-1 SHOPP LIST ITEM NO. 24

 PAGE NO. 89

 Exhibit P-5A

FY99 BUDGET PRODUCTION	SCHE	DULE			P-1	ITEM	NOM	ENCL	ATU	RE:		AST	e (inf	RAR	ED E	XPEN	NDAB	LE)								DA	TE:	FE	BRUA	RY ·	1998											
ITEM/MFG	SE	CPROC	ACCPT	BAL					FISC	AL YE	EAR 9	8									FIS	CAL Y	EAR	99									F	ISC	AL YI	EAR	00					L
PROCUREMENT YEAR	R	OTY	PRIOR	DUE	97	97	97		CAL	ENDA	R YE	AR 98	3								CAL	.END/	AR YI	EAR 9	99								(CAL	ENDA	R YE	AR 00)				E
i Li u c	V		1-00		t OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	R MAY	Y JUI	N JUL	AU	G SEI	- oc	r no	V DE	сJ	IAN F	EB	MAR	APR	MAY	JUN	JUL	AUG	SEP	R
MJU-47/B																																										
TRACOR FY 99	AF	13.6	6 (13.6	6																		С	:				2	.0 1.	.0 1	.0 1	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0) 1.0	6	(
MJU-48/B																																										
TRACOR FY 99	AF	13.6	6 (13.6	6																		С	:				2	.0 1.	0 1	.0 1	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0) 1.0	6	(
MJU-50/B																																										
ASC FY 99	AF	3.4	ц (3.4	4																		С	;				1	.0 1.	0 1	.4											(
																											_		_													
MJU-51/B																											_		_													
ASC FY 99	AF	3.4	L (3.4	4																		С	:				1	.0 1.	0 1	.4											(
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	_			-	_																					_	_	_	_								-			-	-	
																											_		_													
TOTAL	_	34.0) (34.0	0	0 0	0 0	0	0	0	0	0	0	0	0	0	0	0 0	0 0) (0 0) (0	0	0	0	0	0	6	4	5	2	2	2	2	2	2 2	2	2	2 ;	3	0 (
					007	NOV	DEC		FER	MAR		MAY			AUG	SED	ОСТ	NOV	DEC		EEB	MAR			× 11.05	N JUL		3 9E						ED	MAR		MAY	JUN	JUL		SEP	
MANUFACTURER'S NAME AND LOCATION	PR		s	REA-	001	NOV	DLC	JAN							AD TI		001	NOV	DLC	3711				MAR											WIAIS	AFIX		3011	JUL	100	OLF	
AND LOCATION	MIN			CH 0+													TURIN	G	тс	DTAL A	FTER																					
TRACOR AEROSPACE CAMDEN, AK	N/A		N/A							PR 1			FT 1 O	СТ		TIME				10																						
ALLOY SURFACES CO (ASC)	N/A		N/A		INIT	IAL					6		7				5				12																					
WILMINGTON, DE						DRDE	R				3		7				5				12																					
			1	1							-				PING					PA	GE		1				P	AGE	NO.							PAG	θE	1	OF	1		
				-										EM N							90)														E	хніві	T P-2'	1			
ľ															24																											

			Г ITEM JUSTIF (EXHIBIT P-40			[DATE FEBRUARY	1998
APPROPRIATIO	N/BUDGET ACTI		1	P-1 ITEM NOMENO	LATURE			
PAAF/MUNITI	ONS AND RELATE			FLARE, IR MJU-7B				
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		899,640	617,640	342,240	912,280	964,002	1,017,626	1,124,956
COST (In Millions)		\$20.018	\$13.706	\$8.882	\$21.085	\$22.739	\$24.466	\$27.579
DISPENSED FR DECOY AGAINS CONTAINED IN 2. THIS ITEM IS AMMUNITION V	COM THE AN/ALE-4 ST HEAT SEEKING THE FLARE CASE PROCURED BY T VORKING CAPITA	40(V). THE MJU-7 3 MISSILES. THE 5. 7HE SINGLE MAN/ L FUND (CAWCF) 20M P-1 ENTRIES	B FLARE IS A PY FLARE CANDLE I AGER FOR CONV STANDARD PRIC DUE TO UPDATE	D BY THE F-16 AN ROTECHNIC CANE IS EJECTED FROM CING. FY 99 COST ED COST ESTIMAT	DLE THAT CREATE THE DISPENSER NITION. FY 97/98 (IS BASED ON EST	S AN INFRARED S BY A SMALL EXPL COST IS BASED O	SIGNATURE, ACTI LOSIVE CARTRIDO N CONVENTIONAI	NG AS A BE(BBU-36) -
			LIST ITEM NO. 25					

			AMMU	NITION COS	T ANALYSI	S (DOLLARS IN TH	HOUSANDS)					
APPROPRIATION AND P-1 LINE	TEM								DATE:				
PAAF			FLARE, IR M	IJU-7B						FEBRUARY	1998		
ELEMENT OF COST	IDENT	FY97	QTY:	899640	FY98	QTY:	617640	FY99	QTY:	342240		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
MJU-7B	А	899640	\$18.89	\$16,994	617640	\$21.00	\$12,972	342240	\$25.41	\$8,696			
SUBTOTAL				\$16,994			\$12,972			\$8,696			
PRODUCTION SUPPORT													
QUALITY ASSURANCE				\$23			\$33			\$11			
ACCEPTANCE TESTING				\$185			\$149			\$0			
INTERIM TRANSPORTATION				\$161			\$93			\$0			
INDUSTRIAL STOCK SUPPORT				\$671			\$459			\$175			
CAWCF GAIN/LOSS SURCHARGE				\$1,984									
SUBTOTAL				\$3,024			\$734			\$186			
TOTAL P1 LINE ITEM		899640	\$22.25	\$20,018	617640	\$22.19	\$13,706	342240	\$26.34	\$8,882			
	8			P-1 ITE	M NO.	PAGE	NO. 92			EXHIBIT P-5			
				25						PAGE 1 OF 1			

	BUDGET PROC	UREMENT H	ISTORY PLAN	INING(P-5A	4)			A. DATE FE	BRUARY 1	998
B. APPROPRIATION/BUDGET ACTIV				C. P-1 ITEN	NOMENCLA	TURE				
	IONS AND RELATED EC						, IR MJU-7B			
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
FLARE MJU-7/B										
FY 1997	MARTIN ELECT@	C/FP	ARMY/IOC (AFMC/OO-ALC)	SEP 97	JUN 98	391870	22.25			
FY 1997	ALLIANT TECH&	C/FP	ARMY/IOC (AFMC/OO-ALC)	SEP 97	JUN 98	507770	22.25			
FY 1998	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 98	APR 99	617640	22.19	YES	NO	
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 99	APR 00	342240	25.95	YES	NO	

D. REMARKS & ALLIANT TECHSYSTEMS IS LOCATED IN TOONE, TN. @ MARTIN ELECTRONICS IS LOCATED IN PERRY, FL.			
	P-1 SHOPP LIST ITEM NO. 25	PAGE 93	Exhibit P-5A
	UNCLASSI	FIED	

FY98/99 BUDGET	T PRODUCTIO	ON SC	HEDULE			P-1	ITEM	NOM	ENCL	ATU	RE:		FLAF	RE, IF	R MJL	J-7B											DAT	E:	FEE	RUA	RY 19	998										
ITEM/N		S E	PROC	ACCPT	BAL		1		1	FISC	AL YE	EAR 9	8								-	FIS	CAL Y	/EAR	99								1	FIS	CAL Y	YEAR	00					L A T
PROCURE YEAI		R V	QTY	PRIOR	DUE	97	97	97				CALE	INDA	R YE	AR 9	8			-					CAL	END	AR Y	EAR	99	-	1	1				CAL	END	AR YE	EAR 0	0			E R
		v		1-Oc	t 1-Oc	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
ALLIANT	FY96	AF	647	7 460	187	50	60	40	37																																	0
MARTIN	FY96	AF	296	6 90	206	20	20	40	30	30	30	30	6																													0
ALLIANT	FY97	AF	500	o o	500									40	40	40	40	40	40	40	40	40	40	40	40	20)															0
MARTIN	FY97	AF	400	b	400									40	40	40	40	40	40	40	40	40	40																			
UNKNOWN	FY98	AF	618	в 0	618						С													50	50	50	50	50	50	50	50	50	50	50	70)						С
UNKNOWN	FY99	AF	342	2 0	342																		с													30	30	30	30	30	30	162
TOTAL			2,803	3 550	2,253	70	80	80	67	30	30	30	6	80	80	80	80	80	0 80	0 80	0 8	0 80	0 8	0 90	90	0 70	0 50	50	50	50	50	50	50	0 50) 70	0 30	30	30	30	30	30	162
MANUFACTURE AND LOCATION		PRO	DD RATE	S	REA-							PRO	CURE			AD T	IME													тно	USAN	IDS.	FY 9	6/97	DELI	VERIE	ES BA	SED	ON C	ONTF	RACT	
		MIN	1-8-5	МАХ	CH 0+						ADI	MIN LE	AD TII	ME		MAN	UFAC	TURIN	IG	тс	OTAL A	FTER						JOLL														
MARTIN ELEC PERRY, FL		N/A	N/A	N/A							PR 1	ост	AF	T10	СТ		ТІМ	E			10	СТ																				
ALLIANT TECHSY TOONE, TN	YSTEMS	N/A	N/A	N/A		INIT	IAL					6		6				13				19																				
						REC	ORDE	R				6		6				13				19																				
														P-1 \$	SHOF	PIN	g lis	Г			PA	GE						PAG	GE I	NO.						PAG	θE	1	OF	2	PAGE	S
					ITEM NO. 25												NO	94	ļ														EX⊦	HIBIT I	P-21							
																							-														-//		_ '			

FY98/99 BUDGET PRODUCTIO	N SCł	HEDULE			P-1 I	ITEM I	NOME	ENCL	ATUR	RE:		FLAR	E, IR	MJU-	7B											DAT	E:	FE	BRU/	ARY 1	998										
ITEM/MFG PROCUREMENT	S E	PROC	ACCPT	BAL		<u> </u>		I	FISC	AL YE	AR 0)1									FISC	AL YI	EAR	02								1	FIS	CAL Y	'EAR	03					L A T
YEAR	R V	QTY	PRIOR	DUE	00	00	00				CALE	INDA	R YE	AR 01									CALI	ENDA	AR YE	EAR ()2		-		-		1	CAL	END/	AR YI	EAR ()3			E R
	·		1-Oct	1-Oct	ост	NOV	DEC	JAN F	FEB I	MAR	APR	MAY J	UN .	JUL A	UG	SEP C	DCT N		DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
ALLIANT FY96	AF	647	647	0																																					0
MARTIN FY96	AF	296	296	0																																					0
ALLIANT FY97	AF	900	900	0																																					0
UNKNOWN FY98	AF	618	618	0																																					0
UNKNOWN FY99	AF	342	180	162	30	30	30	30	30	12																															0
																																1			1						
																														1		1			1						
																														1		1			1						
TOTAL		2,803	2,641	162	30	30	30	30	30	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0 0) (0 0) (0	0	0	0	0	0	0	0	0	0
MANUFACTURER'S NAME AND LOCATION	PRC	D RATE	S	REA-							PRO	CURE	MEN	T LEA	D TI	ИE												S IN SCHI			DS.	FY 96	AND) FY 9	97 DE	LIVE	RIESI	BASE	D ON		
	MIN	1-8-5	MAX	CH 0+								AD TIM			MANU	FACTL	IRING		тот	FAL AF	TER		00.		0.2																
	N/A	N/A	N/A							PR 1 (ОСТ	AFT	1 00	т		TIME				1 OC	Т																				
ALLIANT TECHSYSTEMS TOONE, TN	N/A	N/A	N/A		INITI	IAL					6		6			1	3				19																				
					REO	RDEF	٦				6		6			1	3				19																				
							F	-1 S	HOPF	PING	LIST				PAC	θE						PA	GE	NO.						PAG	ε	2	OF	2 1	PAGES	S					
												ľ	ТЕМ	NO.	2	25				NO.	g	5														E	хніві	T P-2	1		

		BUDGE	T ITEM JUSTI (EXHIBIT P-4				DATE FEBRUARY	1998
-	N/BUDGET ACTI			P-1 ITEM NOMENO	CLATURE			
PAAF/MUNITI	ONS AND RELATI FY 1996	ED EQUIPMENT	FY 1998	MJU-10/B FLARE	FY 2000	FY 2001	FY 2002	FY 2003
	FT 1990	FT 1997	FT 1990	FT 1999	FT 2000	FT 2001	FT 2002	FT 2003
QUANTITY		214,584	175,536	201,456	194,533	194,925	195,756	247,182
COST (In Millions)		\$12.730	\$10.557	\$10.373	\$11.987	\$12.256	\$12.546	\$16.151
FROM THE 2. THIS ITEM AMMUNITIC	AN/ALE-45. THIS IS PROCURED BY DN WORKING CAF	FLARE IS APPRO THE SINGLE MA PITAL FUND (CAW ROM P-1 ENTRIES	DXIMATELY TWI NAGER FOR CO VCF) STANDARD S DUE TO UPDAT	CE THE SIZE OF TH NVENTIONAL AMMI PRICING. FY 99 C TED COST ESTIMAT	E MJU-7/B FLARE UNITION (SMCA). OST IS BASED UF	E, WHICH IS USEI FY 98 COST IS E	MISSILES. IT IS DIS D ON F-16 AND C-14 BASED ON THE CON CONTRACT/SUPPC	1 AIRCRAFT.
			P-1 SHOPP LIST ITEM NO. 26	PAGE NO. 96				

			AMMU	NITION COS	ST ANALYS	IS	(DOLLARS IN T	HOUSANDS)					
APPROPRIATION AND P-1 LINE	ITEM								DATE:				
PAAF			MJU-10/B							FEBRUARY	1998		
ELEMENT OF COST	IDENT	FY97	QTY:	214584	FY98	QTY:	175536	FY99	QTY:	201456		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
MJU-10/B	А	214584	\$50.35	\$10,805	175536	\$56.92	\$9,992	201456	\$50.42	\$10,157			
SUBTOTAL				\$10,805			\$9,992			\$10,157			
PRODUCTION SUPPORT													
QUALITY ASSURANCE				\$15			\$25			\$11			
				\$118			\$115			\$204			
INTERIM TRANSPORTATION				\$103			\$72						
INDUSTRIAL STOCK SUPPORT				\$427			\$353						
CAWCF GAIN/LOSS SURCHARGE				\$1,262			\$0						
SUBTOTAL				\$1,925			\$565			\$215			
TOTAL P1 LINE ITEM		214584	\$59.32	\$12,730	175536	\$60.14	\$10,557	201456	\$51.49	\$10,372			
				P-1 ITEI	M NO.	PAGE	NO. 97			EXHIBIT P-5			
				26						PAGE 1 OF 1			

	BUDGET PROC	UREMENT HI	STORY PLAN	NING(P-5A	7)			DATE FEBRUA	ARY 1998	
B. APPROPRIATION/BUDGET AC PAAF/MU	TIVITY NITIONS AND RELATED E	QUIPMENT		C. P-1 ITEN	M NOMENCLA		0/B FLARE	1		
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
MJU-10/B FLARE		I								
FY 1997	TRACOR@	C/FP	ARMY/IOC (AFMC/OO-ALC)	SEP 97	AUG 98	214584	59.32			
FY 1998	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 98	APR 99	175536	60.14	YES	NO	
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 99	APR 00	201456	51.49	YES	NO	

D. REMARKS @ TRACOR IS LOCATED IN CAMDEN, AR.			
	P-1 SHOPP LIST ITEM NO.	PAGE 98	Exhibit P-5A
	26		
	UNCLASSIF	IED	

FY98/99 BUDGE	ET PRODUCTI	ON SC	HEDULE			P-1 I	TEM	NOME	ENCL	.ATUI	RE:		MJU-	10B	FLAR	E											DAT	E:	FEB	RUA	RY 19	98										
ITEM/I PROCUR		S E	PROC	ACCPT	BAL					FISC	AL YE	AR 9	8									FISC	AL YI	EAR	99									FIS	CAL	YEAF	R 00					A T
YEA		R V	QTY	PRIOR	DUE	97	97	97				CAL	ENDA	R YE	AR 98	3								CAL	END	AR Y	EAR	99							CA	LEND	AR Y	′EAR	00			E R
		Т		1-Oct	1-Oct	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	NUG :	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	I JUL	AUG	SEP	
TRACOR	FY94	AF	31	0	31		10	10	10	1																																0
TRACOR	FY96	AF	110	0	110					19	20	20	20	20	11																											0
UNKNOWN	FY97	AF	215	0	215											20	20	20	20	20	20	20	20	20	20	15																0
UNKNOWN	FY98	AF	176	0	176						С													15	15	15	15	15	15	15	15	15	5 15	5 15	5 1	1						0
UNKNOWN	FY99	AF	201	0	201																		С													1	7 17	7 1	7 17	17	17	99
TOTAL			733	0	733	0	10	10	10	20	20	20	20	20	11	20	20	20	20	20	20	20	20	35	35	30	15	15	15	15	15	15	5 15	5 15	5 1	1 1	7 17	7 1	7 17	17	17	99
																																			1							
MANUFACTUR	ER'S NAME					ОСТ	NOV	DEC	JAN	FEB								ОСТ	NOV	DEC	JAN	FEB	MAR															JUN	JUL	AUG	SEP	
AND LOCATION	N	_	DD RATE	-	REA-								CURE																		ACT D											
TRACOR		MIN	1-8-5	MAX	CH 0+					-	ADM PR 1 0		AD TIME	E T 1 OC		MANU	JFACT	URINO	6	TO	TAL AF																					
CAMDEN, AR		N/A	N/A	N/A													TIME																									
						INITI						6		6				13				19																				
						REO	RDE	R				6		6				13				19																				
														P-1 S				Γ			PA							PAG	BE N	10.										2	PAG	÷S
														ITEM	NO.		26				NO.	99														E	EXHIE	BIT P	-21			

FY98/99 BUDGET PRODUCTION	ON SC	HEDULE			P-1	ITEM	NOM	IENC	LATUR	RE:		MJU	-10B	FLA	RE											DAT	E:	FEB	RUA	RY 19	998										
ITEM/MFG PROCUREMENT	S E	PROC	ACCPT	BAL					FISCA	AL YE	AR 0	1								F	FISC/	AL YE	EAR	02									FISC	CAL`	YEAR	8 03					A T
YEAR	R V	QTY	PRIOR	DUE	00	00	00				CAL	END	AR YI	EAR	01								CALE	ENDA	AR YE	EAR	02							CAL	LEND	AR Y	'EAR	03			E R
	Т		1-Oct	1-Oct	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN F	EB N	MAR /	APR I	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG S	EP	
TRACOR FY94	AF	31	31	0																																					0
TRACOR FY96	AF	110	110	0																																					0
UNKNOWN FY97	AF	215	215	0	1																																				0
UNKNOWN FY98	AF	176	176	0	1																																				0
UNKNOWN FY99	AF	201	102	99	17	17	17	17	17	14																															0
	_																																								
TOTAL		733	635	99	17	17	17	17	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	C	0	c	0 0	0	0	0	0
MANUFACTURER'S NAME		DD RATE		REA-	OCT	NOV	DEC	JAN	FEB									NOV	DEC	JAN F	EB N																		AUG S	EP SED ON	1
AND LOCATION	MIN	1-8-5	мах	CH 0+								EAD TI			1				тот	AL AFT			CON	ITRA	CT D	ELIV	/ERY	SCH	EDU	LE.											
TRACOR	N/A		N/A		-						OCT		T10	СТ	MAN	TIMI		5		1 OCT																					
CAMDEN, AR			1077		INIT	141					6	+	6			TIV	13			1	9																				
	-				-		R				6	+	6				13				9																				
	<u> </u>	1	I		1		-				-				PPIN					PAG							PAG	GE	NO.						PAC	ΞE	2	OF	2 F	AGES	—
														/ NO		26				NO. 1									-								- IBIT F				
	1																																								

			T ITEM JUSTIFI (EXHIBIT P-40)				DATE FEBRUARY 1	998
	ON/BUDGET ACTIV				-1 ITEM NOMENCL			
	TIONS AND RELAT				1-206 CARTRIDGE			
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
			L	<u> </u>				
QUANTITY		1,045,000	1,033,417	904,980	822,678	824,634	828,789	985,993
COST (In Millions)	<u> </u>	\$12.791	\$16.452	\$11.430	\$10.464	\$10.703	\$10.963	\$12.696
REMARKS								
							THEAT SEEKING M	
		JUNIERIVIEAJUR	ES FLARE USED I	51 THE A-10, C-13	SU AND AC-150 AIN	CRAFT AGAINGT	HEAT SEEKING W	1331LE3.
2. THIS ITEM IS	SPROCURED BY 7	THE SINGLE MAN	AGER FOR CONV	ENTIONAL AMMU	NITION (SMCA), F	Y 97/98 COSTS A	RE BASED ON COM	VENTIONAL
							ACT/SUPPORT CO	
		`						
3. FY 99 QUAN	ITITIES DIFFER F	ROM P-1 ENTRIES	3 DUE TO UPDATE	ED COST ESTIMA	TES.			
		F	P-1 SHOPP	PAGE NO. 101				
		1	LIST ITEM NO.					
			27					

			AMMU		ST ANALY	SIS	(DOLLARS IN	THOUSAND	S)				
APPROPRIATION AND P-1 LIN	IE ITEM								DATE:				
PAAF			M-206 CA					E) (0.0		FEBRUARY 1	998		
ELEMENT OF COST	IDENT	FY 97		1045000	FY98		1033417	FY99	QTY:	904980		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
M-206 FLARE	А	1045000	\$9.96	\$10,409	1033417	\$13.73	\$14,197	904980	\$12.25	\$11,086			
SUBTOTAL				\$10,409			\$14,197			\$11,086			
PRODUCTION SUPPORT													
PRODUCTION ENGINEERING				\$476			\$1,451			\$111			
QUALITY ASSURANCE				\$15			\$36			\$11			
ACCEPTANCE TESTING				\$114			\$163			\$0			
INTERIM TRANSPORTATION				\$99			\$102						
INDUSTRIAL STOCK SUPPORT				\$410			\$503			\$222			
CAWCF GAIN/LOSS SURCHARGE				\$1,268			\$0			\$0			
SUBTOTAL				\$2,382			\$2,255			\$344			
TOTAL P-1 LINE ITEM		1045000	\$12.24	\$12,791	1033417	\$15.92	\$16,452	904980	\$12.63	\$11,430			
				P-1 ITE 27	M NO.	PAGE	NO. 102			EXHIBIT P-5 PAGE 1 OF 1			

BUDGET PROCUREMENT HISTORY PLANNING(P-5A)

FEBRUARY 1998

A. DATE

B. APPROPRIATION/BUDGET A	UNITIONS AND RELATED E			C. P-ITIEN	NOMENCLA		TRIDGE FLARE			
LINE ITEM/ FISCAL YEAR		CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES WHEN AVAII
M-206 CARTRIDGE FLARE										
FY 1997 ^ #	ALLIANT TECH SYS	C/FP	ARMY/IOC (AFMC/OO-ALC)	JUL 97	DEC 97	623,000	12.24			
FY 1997@#	TRACOR AEROSPACE	C/FP	ARMY/IOC (AFMC/OO-ALC)	JUL 97	APR 98	422,000	12.24			
FY 1998	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 98	APR 99	1,033,417	15.92	YES	NO	
FY 1999	UNKNOWN	C/FP	ARMY/IOC (AFMC/OO-ALC)	MAR 99	APR 00	904,980	12.63	YES	NO	
D. REMARKS										<u> </u>

^ ALLIANT TECH SYSTEMS IS LOCATED IN TOONE, TN.

@ TRACOR AEROSPACE IS LOCATED IN AUSTIN, TX.

P-1 SHOPP LIST ITEM NO. 27		IED	
	ITEM NO.	PAGE 103	Exhibit P-5A

FY98/99 BUDGET PRO	ODUC.	TION	SCHEDI	ULE		P-1	ITEN	1 NOI	MENC	CLAT	URE	: N	/1206	CAR	TRIE	DGE	FLA	RE									DA	TE:	FE	BRU	ARY	199	3									
ITEM/MFG		S E	PROC	ACCPT	BAL				F	FISC.	AL YE	EAR	98									FISC	CAL `	YEA	R 99									FIS	CAL `	YEA	R 00					L A
PROCUREMEN ⁻ YEAR	т	R	QTY	PRIOR	DUE	97	97	97				CALE	NDAI	R YE	AR 9	98								CAL	END	DAR	YEA	R 99							CAL	END	DAR 1	YEAF	<u>00 R</u>			E
TEAR		V		1-Oct	1-Oct	ост	NOV	DEC	JAN F	EB	IAR A		1AY JL	JN JU	IL AI	JG SI	EP O	OCT N		DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APF	R MAY	JUN	JUL	AUG	SEP	R
MARTIN F	Y96	AF	331	10	321	10	10	30	30	30	30	30	30 4	40 4	0 4	41																										0
ALLIANT FY	Y97	AF	623	0	623			20	30	50	50	50	50 5	50 5	50 5	50	50	50	50	50	23																					0
TRACOR FY	/97	AF	422	0	422							30	40 4	40 4	40 4	0	40	40	40	40	40	32																				0
UNKNOWN F	Y98	AF	1033	0	1033						с													90	90	90	90	90	90	90	90	90	90	90	43	3						0
UNKNOWN F	Y99	AF	905	0	905																		С													80	80	80	80	80	80	425
TOTAL			3314	10	3304	10	10	50	60	80	80	110 1	120 1	30 13	30 1	31	90	90	90	90	63	32	0	90	90	90	90	90	90	90	90	90	90	90	43	8 80	80	80	80	80	80	425
						_																																				
MANUFACTURER'S						OCT	NOV	DEC	JAN F	EB			IAY JU							DEC	JAN	FEB					JUL QUA								MAR	APF	RMAY	JUN	JUL	AUG	SEP	
NAME AND LOCATIO	N -		D RATE		REA-					Т			CURE													NO.	QUF		IIL O				5571	100								
ALLIANT TECH SYS		MIN	1-8-5		CH 0+	-				F	ADN PR 1 (AFT	ME 1 OC ⁻		IANU		URIN	IG	то	1 OC		R																			
TOONE, TN MARTIN ELECTRONICS		N/A		N/A											+	1	ΓIME																									
PERRY, FL TRACOR AEROSPACE,	-	N/A		N/A		INIT				_		6		6	-		1	-	_			19																				
AUSTIN, TX	r	N/A	N/A	N/A		REC	JKDF	:K				6		6				3	+			19 05						-	A 0 F		~					DA	05		05	0		
														-1 S⊦				01			PA							P.	AGE	NC	J.						GE			2	PAG	552
													IT	EM	NO.	2	(NO.	104															EXH	IIBLE	P-21			

ITEMMFG VEAR No. V ACCT BAL PRIOR Incrementation Incrementation <thincrementation< th=""> Incrementation <thinc< th=""><th></th></thinc<></thincrementation<>	
PROCUREMENT YEAR R V QTV PROR DUE 00 00 00 CALENDAR YEAR 01 CALENDAR YEAR 02	
V 1-Oct 1-Oct 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 NOV DEC JAN FEB MAR APR <	
ALLIANT FY97 AF 623 623 0 Image: Constraint of the co	JUN JUL AUG SEP
TRACOR FY97 AF 422 422 0	
UNKNOWN FY98 AF 1033 1033 0	
UNKNOWN FY99 AF 905 480 425 80 80 80 80 25 Image: Constraint of the	
Image: State in the state	
MANUFACTURER'S NAME DOOD DATES DEAL	
MANUFACTURER'S NAME DOD DATES DEA	
MANUFACTURER'S NAME DOOD DATES DEA	
MANUFACTURER'S NAME DOOD DATES 254 DEOCUDEMENT LEAD TIME REMARKS: QUANTITIES ARE IN THOUSANDS	0 0 0 0
MANUFACTURER'S NAME DOOD DATES DIA DROCHDEMENT LEAD TIME REMARKS: QUANTITIES ARE IN THOUSANDS	
	JUN JUL AUG SEP
AND LOCATION PRODURATES REA- PROCUREMENT LEAD TIME MIN 1-8-5 MAX CH 0+ ADMIN LEAD TIME MANUFACTURING TOTAL AFTER	
ALLIANT TECH SYS PR 1 OCT AFT 1 OCT 1 OCT	
TOONE, TN N/A N/A N/A A	
TRACOR AEROSPACE, N/A N/A N/A REORDER 6 6 13 19	
	2 OF 2 PAGES
	IIBIT P-21
	1011-21

			T ITEM JUSTII (EXHIBIT P-40				DATE FEBRUARY	1998
APPROPRIATIO	DN/BUDGET ACTI		(P-1 ITEM NOMENC	LATURE	1		
PAAF/MUNITI	ONS AND RELATE	ED EQUIPMENT		CAD/PAD				
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY								
COST (In Millions)		\$0	\$12.678	\$14.275	\$14.188	\$14.162	\$14.458	\$14.770
DETONATING (AND AIRCREW AIRCRAFT OPE REQUIREMENT ESSENTIAL TO	CORD (SMDC), RC ESCAPE SYSTEM ERATIONAL AVAIL IS. LIFE SUPPOR CREW SURVIVAL	DCKET MOTORS, F AS. THESE EXPLC ABILITY IS DIREC [®] T DEVICES SUCH AFTER EJECTION IS INCLUDED IN A	ROCKET CATAPI DSIVE DEVICES TLY IMPACTED AS THE SEA W N.	VICES (CAD/PAD), ULTS, ETC., ARE US HAVE FINITE LIVES IF REPLACEMENT A ATER ACTIVATED F	SED ON AIRCRAF AND ARE REPLA ASSETS ARE NOT RELEASE SYSTEI	T FIRE SUPPRES ACED DURING SCI T AVAILABLE TO M M AND PARACHUT	SION, EMERGENC HEDULED MAINTEI MEET CHANGE OU TE RELEASE CART	Y RELEASE NANCE. T
			LIST ITEM NO. 28					

			AMMU	NITION CO	ST ANALYS	IS	(DOLLARS IN	THOUSANDS)					
APPROPRIATION AND P-1 LINE IT	EM								DATE:				
PAAF			CAD/PAD							FEBRUARY	1998		
ELEMENT OF COST	IDENT	FY96	QTY:		FY97	QTY:		FY98	QTY:	N/A	FY99	QTY:	N/A
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
B1-B EGRESS COMPONENTS/KITS	А									\$3,526			\$4,438
B-2 SHAPED CHARGES/EGRESS COMPONENTS	A												\$1,186
C-17A PANEL ASSYS/INITIATORS/ EGRESS COMPONENTS	A									\$1,602			
F-15 EGRESS COMPONENTS	А									\$618			\$2,359
F-16 EGRESS COMPONENTS	A									\$951			\$547
F-117A CANOPY REMOVER/ JETTISON/EGRESS COMPONENTS	A												\$349
COMMON EGRESS COMPONENTS	А									\$2,000			\$1,755
MISC COMPONENTS LESS THAN \$500K	A									\$3,981			\$3,641
TOTAL P-1 LINE ITEM										\$12,678			\$14,275
				P-1 ITE	EM NO.	PAGE	NO. 107			EXHIBIT P-40a			
				28						PAGE 1 OF 1			

		BUDGI	ET ITEM JUSTI (EXHIBIT P-4)				DATE FEBRUARY 199	98
-	ON/BUDGET ACT		• •		P-1 ITEM NOMEN LUU-19 FLARE	ICLATURE		
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		0	0	3926	0	0	0	0
COST (In Millions)		\$0	\$0	\$4.338	\$0	\$0	\$0	\$0
USE, ILLUMINA NIGHT LANDIN DISPENSERS LAUNCHED FF SETTINGS FR	ATION, AND BURN IGS OR SEARCH OR LAUNCHED F ROM AIRCRAFT U OM 500 TO 11,000	N TIME. FLARES AND RESCUE. F ROM THE C-130 / TILIZING STATIC) FEET, AND FRE	FOR AIRCRAFT U LARES MAY BE D AIRCRAFT USING LINE IGNITION. F	SE PROVIDE ILLU ELIVERED/LAUNO LAU-74 CARGO D LARES ARE ATTA FUNCTIONING.	JMINATION FOR R CHED FROM HIGH DOOR LAUNCHER ACHED TO AN 18	ECONNAISSANC SPEED AIRCRAF S. FLARES CAN FOOT DIAMETER	ARE CLASSIFIED A E, BOMBARDMEN T BY USE OF SUL ALSO BE HAND I CRUCIFORM PAR APPROXIMATELY (T, EMERGENCY J 25 FLARE LAUNCHED OR RACHUTE, HAVE
			LIST ITEM NO. 29	PAGE NO. 108				

	BUDGET PRO	CUREMENT H	ISTORY PLAN	NING(P-5A	N)			A. DATE FE	BRUARY ²	998
B. APPROPRIATION/BUDGET A				C. P-1 ITEN	I NOMENCLA					
LINE ITEM/ FISCAL YEAR	IUNITIONS AND RELATED I CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	LUU- QUANTITY	19 FLARE UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
FY 1998*	THIOKOL CORP@	SS/FP	(AFMC/OO-ALC)	MAR 98	NOV 98	507	1105.00	NO	YES	MAR 98
FY 1999	THIOKOL CORP	SS/FP	(AFMC/OO-ALC)	MAR 99	NOV 99	3926	1105.00	NO	YES	MAR 98

D. REMARKS			
@ THIOKOL CORPORATION ORDNANCE OPERATION, UTAH DIVISION, IS LOCATED IN BRIGHAM CITY, UT.			
* FY 98 BOUGHT IN ITEMS LESS THAN \$2M, OTHER, P-1 LINE #32			
	P-1 SHOPP LIST	PAGE 109	Exhibit P-5a
	ITEM NO.		
	29		
UI	NCLASSIF	IED	

FY99 BUDGET PRODUCT	ON SCI	HEDULE			P-1 I	ТЕМ	NON	IENCI	LATU	JRE:	L	JU-19	9 FL/	RE											DA	ATE:	FE	BRU	ARY 1	998											
ITEM/MFG	S E	PROC	ACCPT	BAL				F	-ISC/	AL YI	EAR	98								FIS	CAL YI	EAR 9	99									FIS	CAL Y	′EAF	R 00						L A
PROCUREMENT YEAR	R	QTY	PRIOR	DUE	97	97	97			C	ALE		R YE	AR 98	3	•						CALI	END	AR Y	(EAF	R 99							CAL	ENI	DAR Y	'EAF	R 00				T E
TEAK	V		1-Oct	1-Oct	ост	NOV	DEC	JAN F	ЕВ М	1AR A	PR M	AY JU	N JU	AU	G SEF	ост	NO	V DEC	JAN	FEB	MAR	APR	МА	Y JUN		L AUG	G SEP	ост	NOV	DEC	JAN	FEB	MAR	AF	PR M	AY .	JUN	JUL	AUG	SEP	R
THIOKOL FY98	AF	507	0	507						с							85	5 85	5 85	85	85	82	2																		0
THIOKOL FY99	AF	3926	0	3926																	С								40	400	400	400	40	0	400 4	00	400	400	326		0
				-										_			_							_			_														
										_			-	-				-							-									_							
										_		_	+	+	-			-							-									+	_						
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TOTAL	-	4433	0	4433	0	0	0	0	0	0	0	0	0	0	0 0		0 85	5 85	5 85	85	85	82	2 (0 0	0	0 0	0 0) (40	400	400	400	0 40	0	400 4	00	400	400	326	0	0
					ост	NOV	DEC	JAN F	ЕВ М	1AR A	PR M	AY JU	N JU	_ AU	G SEF	ост	NO	V DEC	JAN	FEB	MAR	APR	MA	Y JUN	N JUL	L AUG	G SEP	ост	NOV	DEC	JAN	FEB	MAR	AF	R M	AY .	JUN	JUL	AUG	SEP	
MANUFACTURER'S NAME AND LOCATION	PRO	DRATI	ES	REA-						P	ROC	URE	MEN	T LE/	AD TI	ME						REM	1AR	<s:< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></s:<>																	
	MIN	1-8-5	МАХ	CH 0+								AD TIN		_	NUFA	CTUR	ING	т	OTAL		R																				
THIOKOL CORP BRIGHAM CITY, UT	UNK	UNK	UNK						I	PR 1 (ОСТ	AFT '			TIN	ИE			10	CT		4																			
	<u> </u>		<u> </u>		INITI						4		6	_		8				14		4																			
	<u> </u>	<u> </u>			REO	RDE	R				6		6			8		-		14																					
															NG L	IST				AGE						P	AGE	NO	-					P	AGE			OF	1	PAGE	
												ITI	EM N	Ю.	29				NO.	.110															EXH	IIBIT	P-21				

			U	ICLASSIFIE)										
BUDGET ITEM JUSTIFICATION DATE (EXHIBIT P-40) DATE															
	TION/BUDGET AC	TIVITY ID RELATED EQU	IPMENT	P-1 ITEM NOME	NCLATURE REPL	RES									
QUANTITY	FY 1996 FY 1997 FY 1998			FY 1999	FY 1999 FY 2000 FY 2001			FY 2003							
COST (In Mil)		\$1.651	\$.932	\$ 1.896											

REPLENISHMENT SPARES ARE REPARABLE COMPONENTS, ASSEMBLIES AND SUBASSEMBLIES REQUIRED FOR FOLLOW-ON SUPPORT OF END TEMS. MUNITIONS REPLENISHMENT SPARES REQUIREMENTS ARE BASED ON ITEM SPECIFIC FAILURE/DEMAND DRIVEN COMPUTATION.

P-1 SHOP ITEM NO.		
	UNCLASSIFIE	D

BUDGET ITEM JUSTIFICATION FOR A	GGREGATED ITE	MS (EXHIBIT I	P-40A)				DATE: FEBRUARY 1998				
APPROPRIATION/BUDGET ACTIVITY PAAF/MUNITIONS AND RELATED EQ					P-1 NOMENCLA REPLENISHME			L DROART 198			
	IDENT				98	FY	99				
PROCUREMENT ITEMS	CODE	QTY	COST	QTY	COST	QTY	COST	QTY	COST		
P-1 LINE # N/A											
GBU-15	А		\$560.00		\$301.00		\$705.00				
P-1 LINE #32											
ITEMS LESS, OTHER	А		\$253.00		\$147.00		\$21.00				
P-1 LINE #12											
MK-84 INERT/BDU-50	А		\$55.00		\$0.00		\$0.00				
P-1 LINE # N/A											
GBU-24/27	A		\$251.00		\$0.00		\$269.00				
P-1 LINE # N/A											
ITEMS LESS, FUZES	A		\$68.00		\$0.00		\$0.00				
P-1 LINE # 22			0 00 00		A 47.00		* ***				
ITEMS LESS, BOMBS	A		\$30.00		\$17.00		\$901.00				
P-1 LINE # 19											
TTU-373A DIGITAL TEST SET	A		\$434.00		\$467.00						
TOTAL P-1 LINE ITEM			\$1,651.00		\$932.00		\$1,896.00				
			P-1 ITEM NO.		PAGE NO: 112						
			30				PAGE 1 OF 1				

			U	NCLASSIFIE)					
	BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)									
APPROPRIAT	APPROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE									
PAA	F/MUNITIONS AN	ID RELATED EQU	IPMENT			MODIFICATIONS				
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003		
QUANTITY										
COST (In Mil)		\$.452	\$ 2.135	\$.049	\$.670	\$.689	\$.775	\$.913		

Permanent modifications are configuration changes to in-service systems and equipment which correct material or other deficiencies, or which add or delete capability. Safety modifications correct deficiencies which would produce hazards to personnel, systems, or equipment. This budget line encompasses both new and on-going modification efforts for guided bombs and munitions systems. The amount budgeted in FY99 is to satisfy unforeseen requirements such as installation of field kits in support of contingency operations.

MOD#	DESCRIPTION	PY	FY97 FY98 FY99
N/A	MISCELLANEOUS LOW COST MODS	.155	.452 .146 .049
N/A	GAM 113		1.989

31		
ITEM NO		
P-1 SHOPP LIST	PAGE NO. 113	

			TITEM JUSTIF					DATE FEBRUARY	1998
	N/BUDGET ACTIV		•			I ITEM NOMENCL			
PAAF/MUNITIO	NS AND RELATED				ITE	MS LESS THAN S			
	FY 1996	FY 1997	FY 1998	FY 1999		FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY									
COST (In Millions) REMARKS		\$3.236	\$4.608	\$4.447		\$8.159	\$8.296	\$8.430	\$8.606
1. THIS CATEG ITEMS USED FC	ORY CONSISTS C OR AIRCREW AND RE CODE A (APPF	GROUND TRAIN	ING.	ASE DEFENSE, F	RES	CUE, EXPLOSIVE	ORDNANCE DI	SPOSAL (EOD), AN	D OTHER
			P-1 SHOPP IST ITEM NO. 32	PAGE NO.					

P-1 SHOPP LIST NO. 32 PAGE NO. 114 UNCLASSIFIED

			AMMU	JNITION CO	ST ANALYS	IS	(DOLLARS IN	THOUSANDS)					
APPROPRIATION AND P-1 LINE PAAF	ITEM		ITEMS LES	S THAN \$2,0	000,000 (OTH	HER ITEMS)			DATE:	FEBRUAR	Y 1998		
ELEMENT OF COST	IDENT	FY96	QTY:		FY97			FY98	QTY: N/A				N/A
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
FLARE ADAPTER KIT (LY 15)	А										15,800		\$208
PEPPER SPRAY (KM01)	А										996		\$18
PEPPER SPRAYKM02)	А										2,020		\$36
DISPENSER HOLSTER	А										2,020		\$29
SIM HAND GRENADE (L601)	А										18,000		\$58
PRAC GRENADE, WHITE (G982)	А										48,112		\$1,423
ANDROS ROBOT	А										11		\$1,301
EOD TRAINING AIDS	А										20		\$77
XRAY SYSTEM ARS	А										59		\$830
WRENCH STRAP	А										3		\$1
HOLDING FIXTURE	А										10		\$7
BOMB CONTAINMENT TOTAL P-1 LINE ITEM	A										5		\$459 \$4,447
				P-1 ITE		PAGE	NO. 115			EXHIBIT P-40a	a		
				32						PAGE 1 OF 1			

			ITEM JUSTII EXHIBIT P-40					DATE FEBRUARY 1998	
	N/BUDGET ACTIVI			•		ITEM NOMENCLA		-	
PAAF/MUNITIC	NS AND RELATE				JOI	NT PROGRAMMA		1	
	FY 1996	FY 1997	FY 1998	FY 1999		FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		356	1,226	3,861		2,850	3,382	4,160	12,994
COST (In Millions) REMARKS		\$4.125	\$5.739	\$15.326		\$9.864	\$11.330	\$13.552	\$42.911
FOR THE JOINT RELIABLE BOM SURVIVABILITY 80 SERIES GUIE FMU-124, AND M BOMBS. 2. PROGRAM IS APRIL 1997; CO	DIRECT ATTACK B FUZE WITH MUL , COCKPIT PROGI DED AND UNGUID //904/M905, AND F CURRENTLY IN F	MUNITION (JDAM TIPLE ARM TIME RAMMABILITY, AN ED BOMBS. IT W ROVIDE THE NE RESEARCH AND E TIAL OPERATION PROVAL IS SCHEI	I) AND OTHER S, INSTANTANI ID INCREASED ILL REPLACE C (T GENERATIO DEVELOPMENT AL TEST AND E DULED FOR MA	CONVENTIONAL EOUS AND MULT SERVICE/SHELI OR SUPPLEMENT N OF FUZING CA (PE 64602F). DE VALUATION (IO RCH 1998.	. INV TIPLE T LIF T DIF APAE	ENTORY WEAPON E SHORT AND LON E. THE JPF WILL FERENT INVENTO BILITY FOR HARD OPMENT TEST AN	NS. THE FMU-' NG DELAY DET PROVIDE BACI DRY FUZES SU TARGET, GENI ND EVALUATIC	DEVELOPED AND F 152/B WILL PROVIDE ONATION TIMES, H/ KWARD COMPATIBI CH AS THE FMU-138 ERAL PURPOSE AND ON (DT&E) WAS COM ER 1998; TECHNICA	E A HIGHLY ARD TARGET LITY FOR MK- 0, FMU-143, 0 GUIDED IPLETED IN
			1 SHOPP ST ITEM NO. 33	PAGE NO. 116					

			AMM	UNITION CO	ST ANALYS	IS	(DOLLARS IN T	HOUSANDS)						
APPROPRIATION AND P-1 LINE IT PAAF	EM		JOINT PRO		= FUZE (IPI	=)			DATE: FEBRUARY 1998					
ELEMENT OF COST	IDENT	FY97	QTY:	356	FY98	,	1226	FY99	QTY:	3861	1000	QTY:		
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	
HARDWARE														
FMU-152/B	В	356	\$3,609.55	\$1,285	1226	\$2,865.42	\$3,513	3861	\$2,778.30	\$10,727				
SUBTOTAL				\$1,285			\$3,513			\$10,727				
PRODUCTION SUPPORT														
ECO/ECP				\$103			\$371			\$2,353				
SYSTEM ENGR/PROG MGT				\$193			\$529			\$1,600				
				\$26			\$70			\$250				
				\$205			\$320			\$349				
FIRST ARTICLE ACCEPTANCE TEST				\$957			\$915			\$0				
SUBTOTAL				\$1,484			\$2,205			\$4,552				
NONRECURRING														
TOOLING/TEST EQUIPMENT				\$1,351										
GOV'T FURNISHED MATERIAL CONTAINERS				\$5			\$21			\$47				
TOTAL P-1 LINE ITEM		356		\$4,125	1226		\$5,739	3861		\$15,326				
		300		\$4,125	1220		\$0,739	3001		\$15,320				
				P-1 ITEM	NO.	PAGI	E NO. 117			EXHIBIT P-5				
				33						PAGE 1 OF 1				

	BUDGET PROCUP	REMENT HIST	ORY PLANNI	NG (P-5A)				A. DATE FE	E BRUARY 1	1998
B. APPROPRIATION/BUDGET ACTI				C. P-1 ITE						
PAAF/MUI LINE ITEM/ FISCAL YEAR	NITIONS AND RELATED EQU CONTRACTOR/ LOCATION	DIPMENT CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY		MMABLE FUZE UNIT COST	(JPF) SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
JOINT PROGRAMMABLE FUZE		Í								
FY 1997#	UNKNOWN*	C /FPIF	AFMC/ASC	JUN 98*	JAN 00	356	3609.55	YES	NO	
FY 1998#	UNKNOWN	C /FPIF	AFMC/ASC	JUN 98	MAR 00	1226	2865.42	YES	NO	
FY 1999	UNKNOWN	C/FFP(OPTION)	AFMC/ASC	JUL 99	JUN 00	3861	2778.30	YES	NO	

D. REMARKS MOTOROLA DIVESTED FROM THE FUZE BUSINESS RESULTING IN SLIPPAGE OF CONTRACT AWARD. # FY97/98 CONTRACTS WILL BE COMBINED. UNIT COST REFLECTS HARDWARE PRICES ONLY.			
	P-1 SHOPP LIST ITEM NO. 33	PAGE 118	Exhibit P-5A
10	NCLASSIF	IED	

FY98/99 BUDGET PRODUCTIO	ON SCH	IEDULE			P-1	ITEM N	IOMEN	ICLAT	URE:		JOIN	IT PR	OGR	٩MM	ABLE	FUZ	E (JF	PF)							DA	ATE:	F	EBR	UAR	Y 199	8										-1 -
ITEM/MFG	S E	PROC	ACCPT	BAL	-			FIS	SCAL Y	EAR §	98									FISO	CAL Y	′EAR	R 99										FISC	AL Y	EAR	00					A T
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	97	97	97			CAL	ENDA	AR YE	AR 9	8								CA		DAR	YEAF	R 99								CALI	ENDA	AR YE	AR 00				ER
	v		1-Oct	1-Oct	ост		DEC JA	N FEE	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APF	R MA	Y JU	N JU	L AL	JG SI	EP O	CT N	IOV D	EC J	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
UNKNOWN FY97	AF	356	0	356								с																				100	256								C
UNKNOWN FY98	AF	1226	0	1226								с																						408	408	410)				C
UNKNOWN FY99	AF	3861	0	3861																					с												772	772	772	772	773
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TOTAL		5443	0	5443	0	0	0	0	0 0	0 0	0	0	0	0	0	0	0	0	0 0	c	0 (0	0	0	0	0	0	0	0	0	0	100	256	408	408	410) 772	2 772	2 77:	2 772	2 773
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MANUFACTURER'S NAME		D RATE:		REA-	001	NUV	JEC JA	N FEE	IVIAR							001	NUV	DEC	JAN	FEB	MAR											-					RACTS				
AND LOCATION																									NEGO FY 9										ACTO	OR DI	VEST	ED TH	HE FL	JZE	
UNKNOWN	MIN	1-8-5		CH 0+	1					MIN LE OCT		1E T 1 O		MANU	JFACT		5	10	TAL A			Ы		_00.		51130	, 001	111/1		VVILL				_0.							
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												P-1 \$	SHOP	PING	LIST	Г			PA	GE						F	PAGE	E NO	Э.						PAG	θE	1	OF	2	PAC	GES
												ITE	M NC).					NO.	1	119														I	EXHIE	BIT P-2	1			
														33																											

FY98/99 BUDGET PRODUCTI	ON SC	HEDULE			P-1 I	TEM N	NOME	NCLA	TURE:			JOIN	IT PR	OGR	AMM	ABLE	FUZ	E (JP	°F)							DAT	E:	FEB	BRUA	RY 19	998									
ITEM/MFG PROCUREMENT	S E	PROC	ACCPT	BAL		1			FISC	AL YE	AR 01										FISC	AL YE	EAR	02								r	FISC	CAL YE	EAR	03				L A T
YEAR	R V	QTY	PRIOR	DUE	00	00	00		-		CALE	NDAF	R YEA	R 01	1	1	1				1		CAL	END	AR YE	EAR (02						1	CALE	ENDA	AR YE	AR 03	3		E R
	Ů		1-Oct	1-Oct	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG S	P
UNKNOWN FY97	AF	356	356	0																																				
UNKNOWN FY98	AF	620	620	0																																				
UNKNOWN FY99	AF	3861	3088	773	773																																			
TOTAL		4.837	4,064	773	773	0) (0 0	C	0		0 0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	c c	0 0	0	0	0	0
MANUFACTURER'S NAME	_				ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG S	P
AND LOCATION		DD RATE		REA-						1	PROC	CURE	MEN	T LEA		ME			1				_																	
	MIN	1-8-5	MAX	CH 0+	4					ADM PR 1			FT 1 00	ст.	MAN	UFAC	TURIN	G	тот	AL AF																				
UNKNOWN	100)	1000							FILT	001	A				TIM	=			100	•		-																	
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					(FY 9	99)							10				11			:	21																			
													P-1	SHO	PPIN	g lis	т			PAG	θE						PAG	GE	NO.						PAG	θE	2	OF	2 P	AGES
													ITE	EM N	0	33				NO.	1	120													I	EXHIE	BIT P-	21		

		BUDGE	T ITEM JUSTIF (EXHIBIT P-40				DATE FEBRUARY 19	98
APPROPRIATIO PAAF/SMALL	N/BUDGET ACTIV ARMS	/ITY			-1 ITEM NOMENC -16 A2 RIFLE	LATURE		
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		• • • • • • • • •	A A A A A A A A A A	A 4 4 F A	• • • • • • •	A A A A A A A A A A	.	• •
COST (In Millions) REMARKS		\$ 15.524	\$ 6.009	\$ 4.450	\$ 1.934	\$ 3.862	\$ 0	\$ 0
1. THE AIR FO MAINTENANCE ACCEPTED AS TERMS OF RAN EXAMPLE, AN I SAME NATO RO ONLY SERVICE 2. NO NEW RIF	BACKLOG. ADD STANDARD ISSU NGE, ACCURACY, M-16A2 RIFLE USI DUND. SECONDL USING THE M-16	ITIONALLY, THE A E FOR ALL U. S. M AND LETHALITY. NG THE NATO RC Y, THE CHANGE 3A1 RIFLE AND NC PROCURED. REC	NIR FORCE IS BEG MILITARY SERVIC YET, THE NATO DUND HAS A MAX TO THE M-16A2 V DN-NATO AMMUN	WILL PROCURE K	HE NATO STAND ANDARD 5.56MM SEFFECTIVE WHE RANGE THAT IS I LOGISTICAL BUR	ARD 5.56MM AMM IS FAR SUPERIO EN FIRED IN THE NEARLY DOUBLE DEN CAUSED BY	IUNITION WHICH H R TO THE CURREN OLDER M-16A1 RIF OF THE M-16A1 US THE AIR FORCE B	IAS BEEN IT 5.56MM IN FLE. AS AN BING THE EING THE
A. IT CAN B. THE RIF AMMUNITION. C. THE RIF CARTRIDGE C/ EJECTED CAR D. A REDE WHEN HOLDIN	BE FIRED IN A SE FLE BARREL HAS ALSO, THE BARR FLE IS FITTED WI ASE DEFLECTOR TRIDGES HITTING SIGNED HANDGU G THE RIFLE.	MIAUTOMATIC AS A RIFLING TWIST EL IS HEAVIER W TH A NEW REAR S ON THE RIGHT S THE FACE OF TH JARD, USING TWO	S WELL AS FULL THAT ENABLES (HICH PROVIDES SIGHT, WHICH IN IDE OF THE RECI HE LEFT-HANDEE D IDENTICAL HAL	AUTOMATIC (THR IT TO FIRE THE N BETTER ACCURA CORPORATES AD EIVER DEFLECTS	EW NATO STAND, CY. JUSTMENTS FOR EJECTED CARTRI ND CONTOUR IS	ARD AMMUNITION BOTH WINDAGE DGES TO PRECL STURDIER AND F	AND ELEVATION. UDE THE POSSIBII PROVIDES A BETTE	A LITY OF THE ER GRIP
			P-1 SHOPP LIST ITEM NO. 34	PAGE NO. 121				

APPROPRIATION AND P-1 LINE ITE PAAF			M-16 A2 RIF						DATE:	FEBRUARY ·			
ELEMENT OF COST	IDENT	FY97			FY98	OT//-	00400	FY99			1998	071/-	
ELEMENT OF COST	IDENT CODE	QTY	QTY: UNIT COST	58240 TOTAL	QTY	QTY: UNIT COST	22183 TOTAL	QTY	QTY: UNIT COST	16090 TOTAL	QTY	QTY: UNIT COST	TOTAL
	CODE	QT	UNIT COST	TOTAL	QT	UNIT COST	TOTAL	QTT	UNIT COST	TOTAL	QT	UNIT COST	TOTAL
ARDWARE													
RIFLE CONVERSION KIT	A	58240	\$257.91	\$15,021	22183	\$257.91	\$5,721	16090	\$263.59	\$4,241			
SUBTOTAL				\$15,021			\$5,721			\$4,241			
PRODUCTION SUPPORT													
ARMY ENGINEERING SUPPORT				\$425			\$239			\$173			
QUALITY ASSURANCE				\$30			\$30			\$22			
ESTING				\$48			\$19			\$14			
SUBTOTAL				\$503			\$288			\$209			
TOTAL P1 LINE ITEM		58240	\$266.55	\$15,524	22183	\$270.88	\$6,009	16090	\$276.56	\$4,450			

BUDGET PROCUREMENT HISTORY PLANNING(P-5A) A. DATE **FEBRUARY 1998 B. APPROPRIATION/BUDGET ACTIVITY C. P-1 ITEM NOMENCLATURE** PAAF/SMALL ARMS M-16 A2 RIFLE CONTRACTOR/ SPECS CONTRACTED QUANTITY UNIT SPEC LINE ITEM/ CONTRACT AWARD DATE OF IF YES, AVAIL REV FISCAL YEAR LOCATION METHOD BΥ DATE FIRST COST WHEN NOW & TYPE DELIVERY REQ'D AVAIL M-16 A2 CONVERSION KIT FY 1996 ^\$ CAPCO INC* C/FP ARMY/AMCCOM APR 97 MAR 98 22,465 211.00 (OPTION) (AFMC/WR-ALC) FY 1996 ^\$ UNKNOWN C/FP JUN 98 APR 99 NO ARMY/AMCCOM 1.091 266.55 YES (AFMC/WR-ALC) FY 1997 & UNKNOWN C/FP ARMY/IOC JUN 98 APR 99 58,240 266.55 YES NO (AFMC/WR-ALC) UNKNOWN C/FP FY 1998 & ARMY/IOC AUG 98 MAR 00 22,183 270.88 YES NO (OPTION) (AFMC/WR-ALC) FY 1999 & UNKNOWN C/FP ARMY/IOC JUN 99 AUG 00 16,090 276.56 YES NO (OPTION) (AFMC/WR-ALC)

P-1 SHOPP LIST

ITEM NO. 34 **UNCLASSIFIED**

PAGE 123

Exhibit P-5A

D. REMARKS

*CAPCO INC LOCATED IN GRAND JUNCTION, CO.

\$ FY 96 FUNDING SPLIT BETWEEN TWO CONTRACTS. \$4.759 MILLION WAS APPLIED TO TAKE MAXIMUM ADVANTAGE OR A PREVIOUS OPTION. THE REMAINING \$.289 MILLION COMBINED WITH

FY 97 CONTRACT AWARD DATE SLIPPED. HQ ACALA HAS NOT DEFINITIZED ACQUISITION PLAN.

& FY 97- FY 99 PRICING BASED ON PRICE QUOTE FROM HQ ACALA, DATED JUN 97.

FY 97 FUNDING FOR NEW CONTRACT AWARD.

^ FY 96 CONTRACT AWARD DELAYED DUE TO CONTRACT PROTEST BY COLT MANUFACTURING.

FY98/99 BUDGET PRODUCTIO	ON SCHE	DULE			P-1	ITEM	NOM	ENC	LATU	JRE:		M-16	6 A2 I	RIFL	E											DAT	E:	FEE	RUA	RY 1	998										
ITEM/MFG	SE	PROC	ACCPT	BAL					FISC	AL Y	EAR	98									FISC	CAL Y	EAR	99									FIS	CAL \	′EAR	00					A T
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	97	97	97				CAL	END	AR Y	EAR	98								CAL	END.	AR Y	EAR	99							CAL	END	AR YI	EAR	00			E R
	i		1-Oct	1-Oct	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
CAPCO INC FY94	AF	17.0	6.9	10.1	1.1	0.0	0.9	2.0	2.3	2.4	1.4																														0
CAPCO INC FY95	AF	2.6	0	2.6							1.0	1.6																													0
CAPCO INC FY96	AF	22.5	0	22.5								0.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.8	0.9																			0
UNKNOWN FY96	AF	1.1	0	1.1									С										1.0																		0
UNKNOWN FY97	AF	58.2	0	58.2									С										3.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.3							0
UNKNOWN FY98	AF	22.2	0	22.2											С																			0.7	5.0	5.0	5.0	5.0	1.5		0
UNKNOWN FY99	AF	16.1	0	16.1																					С														2.0	2.5	11.6
																		1																							
TOTAL		139.7	6.9	132.8	1.1	0	0.9	2.0	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	1.8	0.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.5	2.5	11.6
																			İ.																			İ.			
MANUFACTURER'S NAME					ост	NOV	DEC	JAN	FEB									NOV	DEC	JAN	FEB	MAR																	AUG OMBI		FY
AND LOCATION		RATES		REA-										NT L	T	TIME			-				94/9	95 DE	LIVE	RIES	DEL	AYE	ם כ	е то	PRC	BLE	MS V		FIRS	T AR	TICLE	E TES	STING		
CAPCO INC,	MIN		MAX	CH 0+	-						MIN LE			СТ	MAN	IUFAC	TURIN	IG	тс	TAL AI			MA	NUFA	АСТИ	IRINO	3. F١	′ 98/9	9 CO	NTR	ACT	DEL	IVER	IES S	CHE	DULE	D TO) ALL	_OW		UOT
GRAND JUNCTION, CO	UNK	UNK	UNK			PR 1 OCT AFT 1 OCT TIME 1 OCT CONTINUOUS PRODUCTION. FY 98/99 CONTRACT DELIVERIES SCHEDULED TO / CONTINUOUS PRODUCTION. FY 97 CONTRACT AWARD DELAYED. HQ DEFINITIZED ACQUISITION PLAN.													IQ AC	ALA	HASI	NOT																			
						INITEAL99 8 10 18 REORDER																																			
						R	EOR	DER																																	
																G LIS	SΤ		1	PA							PA	GE	NO.										2	PAG	ES
													ITE	EM N	10	34				NO.		124														EXHI	BIT F	P-21			

FY98/99 BUDGET PRODUCTIC	ON SCHE	DULE			P-1	ITEM		1ENC	LATU	RE:	N	1-16 A	2 RIFI	.E										[DATE	:	FEB	RUA	RY 19	998										
ITEM/MFG PROCUREMENT	S E	PROC	ACCPT	BAL					FISC	AL YE	AR 0	1								FISC	AL Y	EAR	02									FISC	CAL Y	EAR	03				A	
YEAR	R V	QTY	PRIOR	DUE	00	00	00			(CALE	NDAR	YEAF	01								CALE	ENDA	R YE	AR 02	2							CAL	END	AR YI	EAR	03		E	
	Т		1-Oct	1-Oct	ост	NOV	DEC	JAN	FEB	MAR	PR M	AY JU	N JUL	AUC	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN J	IUL A	UG S	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG S	EP	
CAPCO INC FY94	AF	17.0	17.0	0																																				0
CAPCO INC FY95	AF	2.6	2.6	0																																				0
CAPCO INC FY96	AF	22.5	22.5	0																												-		-						0
UNKNOWN FY96	AF	1.1	1.1	0																																				0
UNKNOWN FY97	AF	58.2	58.2	0																																				0
UNKNOWN FY98	AF	22.2	22.2	0																																				0
UNKNOWN FY99	AF	16.1	4.5	11.6	2.5	2.5	2.5	2.5	1.6																															0
																																-		-						
																																		-						
TOTAL		139.7	128.1	11.6	2.5	2.5	2.5	2.5	1.6	0	0	0	0)	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					OCT	NOV	DEC		EED			AV 11	N JUL	AL 10	CED	007	NOV	DEC		EED	MAR		MAX				CED .	007		DEC		FED	MAR			II. INI				
MANUFACTURER'S NAME AND LOCATION	PROD	RATES		REA-	001	NOV	DLO	0/11	120								1404	DLU	0/414			REN	IARK?	ร: ซเ	JANT	TTIE	S'IN '	тнσ	USAN	TDS.	FY	94 A	ND F	Y 95	CON	TRAC	CTS C	OMBI	NED.	
AND LOCATION	MIN		мах	CH 0+							1IN LEA	-		1	NUFAC		G	TO	TAL AF	TER		96 C	ONTI	RACT	AWA	ARD	DEL/	AYE	D DUI	E TO	PRC	TES	T OF	CON	ITRA	СТ В	Y COL	T	NG. FY	
CAPCO INC, GRAND	UNK	UNK		01101					ŀ		DCT			-	тімі		0		1 OC) ALL(Q AC		IAS NOT	-
JUNCTION, CO							FY 9	9					8			10				18		DEF	INITIZ	ZED A	ACQU	JISIT	ION F	PLAN	1.											
								-					2	-							_																			
		I	I	I	I	I						I P	1 SHC) PPI	IG LIS	т			PAG	ΞE						PAG	ΕN	VO.						PAG	E	2	OF	2 F	AGES	-
													ITEM		34				NO.		25															- BIT P·				

			T ITEM JUSTIF (EXHIBIT P-40				DATE FEBRUARY	1998
APPROPRIATIO PAAF/SMALL	DN/BUDGET ACTIV ARMS	VITY	<u>,</u>		P-1 ITEM NOMENCL MM COMPACT PIS			
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		113	261	339	0	0	0	0
COST (In Millions)		\$0.073	\$0.179	\$0.232	\$0	\$0	\$0	\$0
BENEATH CIVI CALIBER PIST USED AS A CC ITS WEIGHT, L	ILIAN CLOTHING E OLS CURRENTLY DNCEALABLE WEA LENGTH, HEIGHT,	BY THE AIR FORC USED BY THESE APON. THE COMF AND WIDTH WILI FFER FROM P-1 E	E OFFICE OF SP PERSONNEL. E PACT PISTOL WIL L DIFFER. NTRIES DUE TO	ECIAL INVESTIGA VALUATIONS OF T LL FUNCTION WIT	ED AS A CONCEAL TIONS (OSI) PERSO THE STANDARD 9N H THE SAME AMM ESTIMATES.	ONNEL. IT WILL F IM PISTOL INDICA	REPLACE ALL CO ATED IT IS TOO I	OMPACT .45 LARGE TO BE
			P-1 SHOPP LIST ITEM NO. 35	PAGE NO. 126				

			AMMU	INITION CO	ST ANALYS	S	(DOLLARS IN TI	HOUSANDS)					
APPROPRIATION AND P-1 LINE	ITEM								DATE:				
PAAF			9MM COMP	ACT PISTC	DL					FEBRUARY	1998		
ELEMENT OF COST	IDENT		QTY:		FY97	QTY:	113	FY98	QTY:	261	FY99	QTY:	339
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
M9 PISTOL	А				113	\$610.00	\$69	261	\$668.31	\$174	339	\$668.31	\$226
SUBTOTAL							\$69			\$174			\$226
PRODUCTION SUPPORT													
ARMY ENGINEERING SUPPORT							\$2			\$2			\$2
QUALITY ASSURANCE							\$2			\$1			\$1
TEST AMMO										\$2			\$3
SUBTOTAL							\$4			\$5			\$6
TOTAL P1 LINE ITEM					113	\$646.01	\$73	261	\$684.24	\$179	339	\$684.24	\$232
						PAGE	NO. 127						
					EM NO.					EXHIBIT P-5			
				35						PAGE 1 OF 1			

	BUDGET PROCU	REMENT HIST	ORY PLANNI	NG(P-5A)				A. DA FEBRU	TE ARY 1998	
B. APPROPRIATION/BUDGET ACTI				C. P-1 ITEM						
LINE ITEM/ FISCAL YEAR	PAAF/SMALL ARMS CONTRACTOR/ LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	9MM COM QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL
9MM COMPACT PISTOL										
FY 1997@	SIGARMS	SS/FP (OPTION)*	ARMY/IOC (AFMC/WR-ALC)	DEC 96	FEB 97	113	646.01			
FY 1998@ #	SIGARMS	SS/FP	ARMY/IOC (AFMC/WR-ALC)	MAR 98	OCT 98	261	684.24	YES	NO	
FY 1999@	SIGARMS	SS/FP	ARMY/IOC (AFMC/WR-ALC)	MAR 99	OCT 99	339	684.24	YES	NO	

D. REMARKS @ SIGARMS IS LOCATED IN EXETER, NH. * OPTION IS TO AN EXISTING FY 96 CONTRACT FOR NAVY REQUIREMENTS. # SOLE SOURCE JUSTIFICATION BASED ON NECESSITY TO KEEP ALL AF INVENTORY 9MM COMPACT PISTOLS S	STANDARD.		
	P-1 SHOPP LIST ITEM NO. 35	PAGE 128	Exhibit P-5A
U	ICLASSIF	IED	

RUDGET BROCHREMENT HISTORY DI ANNING/R.5A)

ITEM/MFG S E PROC ACCPT BAL FISCAL YEAR 97 97 FISCAL YEAR 98 FISCAL YEAR 98 FISCAL YEAR 98						
	R 99					L A T
	DAR YE	EAR 9	99			ER
YEAR V 11-Oct 1-Oct 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 NOV DEC JAN FEB MAR APR	PR MAY	/ JUN	N JUL	AUG	G SEP	
SIGARMS FY 97 AF 113 0 113 C 1						с
SIGARMS FY 98 AF 261 0 261 261 261 261 261 261 261 261 261 261						0
SIGARMS FY 99 AF 339 0 339 C C						339
						1
	+	+		\top		+
					+	1
	+	+		\top		+
		+				
						+
						1
						1
TOTAL 713 0 713 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	0 0	0	0	0 0	339
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 NOV DEC JAN FEB MAR APP					S SEP	
MANUFACTURER'S NAME DOOD DATES ARE IN EACH.	K WAY	JUN	N JUL	_ AUG	5EP	4
AND LOCATION PROD RATES REA- PROCUREMENT LEAD TIME						
SIGARMS PRIOCT AFT LOCT 10CT						
REORDER 6 7 13						
	AGE			• 2		
ITEM NO 35 NO. 129	EXHIBI	IBIT P	P-21			

FY98/99 BUDGET PRODUCTIO	ON SCHE	DULE			P-1 I	TEM	NOM	ENCL	ATUR	RE:	:	9MM	СОМ	PAC	PIST	OL										DATE	E:	FEB	RUA	RY 19	998									<u>.</u>
ITEM/MFG	S E	PROC	ACCPT	BAL		-	-	r	FISC	AL YI	EAR 0	00								F	-ISC/	AL YE	EAR	01								-	FISC	CAL Y	EAR	02				L A T
PROCUREMENT YEAR	R V	QTY	PRIOR	DUE	99	99	99)			CALE	NDA	R YE	AR 0()								CALE	ENDA	R YE	AR 0	1							CAL	ENDA	AR YE	EAR 0	2		E R
	V		1-Oct	1-00	t OCT	NOV	DEC	ΙΔΝ	FEB	MAR		ΜΔΥ	ILIN			SEP O			DEC		EB M	MAR	ΔPR	ΜΔΥ	ILIN		ALIG	SED	ОСТ	NOV	DEC	ΙΔΝ	FEB	MAR	ΔPR	ΜΔΥ	ILIN		AUG S	
SIGARMS FY 97	AF	113					520	07 4 1	120						.00						20	<i>b</i> u t	/		0011	002		02.			020	0,					0011			
SIGARMS FY98	AF	261	261	()																																			
SIGARMS FY 99	AF	339	0	339	339)																																		
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TOTAL		713	374	339	339	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
					ОСТ	NOV	DEC	ΙΔΝ	FER	MAR		ΜΑΥ	ILIN			EP O	OCT N		DEC		EB N	MAR	ΔPR	ΜΔΥ	II IN		AUG	SEP	ОСТ	NOV	DEC	ΙΔΝ	FEB	MAR		ΜΔΥ	ILIN	ш	AUG S	FP
MANUFACTURER'S NAME AND LOCATION	PROD	RATES	;	REA-	001		020	07.41			PRO						,				20 1				S: QL							0, 11	1.50				0011	002		
	MIN		MAX	CH 0+							MIN LE		ME T 1 OC		MANU	FACTU	JRING			AL AFT 1 OCT																				
										PK 1	001	AF	1100	•1		TIME				TUCI																				
					INITI	AL																																		
		1	1	1	<u> </u>	<u> </u>							P-1 S	НОРІ	PING	LIST				PAG	E						PAG	GE N	NO.						PAG	E	2	OF	2 F	AGES
														M NC		35			I	NO.		30															BIT P-2			

			T ITEM JUSTIF (EXHIBIT P-40				DATE FEBRUARY 1	998
APPROPRIATIO PAAF/SMALL	DN/BUDGET ACTI ARMS	VITY			P-1 ITEM NOMENC M-9 PISTOL	LATURE		
	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY		0	2007	1578	0	0	0	0
COST (In Millions)		\$0	\$.955	\$.767	\$0	\$0	\$0	\$0
FOR THE FIRS OF 15 ROUNDS 2. THE M-9 PIS ISSUED TO LA	T SHOT. THE WE 3. THE PISTOL IS STOL IS A STANDA W ENFORCEMEN	APÓN IS CAPABLI COMPATIBLE WIT ARD REPLACEMEN T PERSONNEL, AN FROM P-1 ENTRY	E OF BEING FIRE TH PARTS AND A NT WEAPON FOF /IATORS, AND GI DUE TO UPDATE	ED BY EITHER LEI MMUNITION WIT R THE .45 CALIBE ENERAL OFFICEF ED COST ESTIMA	FT OR RIGHT HANI H ALLIED SERVICE R PISTOL AND VAF RS AS A PERSONA	DED SHOOTERS S. RIOUS .38 CALIBI	S DOUBLE ACTION . THE MAGAZINE H ER REVOLVERS. TI PON.	AS A MINIMUM
			P-1 SHOPP LIST ITEM NO. 36	PAGE NO. 131				

AMMUNITION COST ANALYSIS (DOLLARS IN THOUSANDS) PPROPRIATION AND P-1 LINE ITEM Date:													
APPROPRIATION AND P-1 LINE	ITEM								DATE:				
PAAF	-		M-9 PISTO							FEBRUAR	Y 1998		
ELEMENT OF COST	IDENT	FY97	QTY:	0	FY98	QTY:	2007	FY99	QTY:	1578		QTY:	
	CODE	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE													
M-9 PISTOL	А				2007	\$459.90	\$923	1578	\$470.02	\$742			
SUBTOTAL							\$923			\$742			
PRODUCTION SUPPORT													
ARMY ENGINEERING SUPPORT							\$12			\$10			
QUALITY ASSURANCE							\$3			\$2			
TEST/AMMO							\$17			\$13			
SUBTOTAL							\$32			\$25			
TOTAL P1 LINE ITEM					2007	\$475.65	\$955	1578	\$485.76	\$767			
					EM NO.	PAGE	E NO. 132			EXHIBIT P-5			
				36						PAGE 1 OF 1			

	A. DATE Fee	E BRUARY 1	998							
B. APPROPRIATION/BUDGET ACT				C. P-1 ITEM			PISTOL			
	PAAF/SMALL ARMS									
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
M-9 PISTOL										
FY 1989	BERETTA USA@	SS/FP (OPTION)	ARMY/AMCCOM (AFMC/WR-ALC)	MAY 89	AUG 93	9000	231.05			
FY 1998#	BERETTA USA	SS/FP (OPTION)	ARMY/IOC (AFMC/WR-ALC)	FEB 98	OCT 98	2007	475.65	YES	NO	
FY 1999	BERETTA USA	SS/FP	ARMY/IOC (AFMC/WA-ALC)	FEB 99	OCT 99	1578	485.76	YES	NO	

D. REMARKS @ BERRETTA USA CORP IS LOCATED IN ACCOKEEK, MD. # FY 98 CONTRACT IS PLANNED AS AN OPTION TO AN EXISTING FY 95 ARMY CONTRACT. PRICE IS BASED ON I	ESTIMATE FROM HQ AC	CALA MAY 97.	
	P-1 SHOPP LIST ITEM NO. 36	PAGE 133	Exhibit P-5A
10	NCLASSIF	IED	

FY98/99 BUDGET PROE	DUCTION	I SCHED	ULE			P-1	ITEM	NOME	NCLA	TURE:		M-9	PIST	OL											DAT	E:	FEE	BRUAR	Y 199	8										
ITEM/MFG		S E	PROC	ACCPT	BAL				FI	SCAL	YEAR	8 98								FIS	SCAL	YEAR	R 99									FISC	CAL Y	'EAR	00					L A T
PROCUREMEN YEAR	Т	R	QTY	PRIOR	DUE	97	97	97			CAL	END	AR YI	EAR	98							CAI	LEND	AR Y	EAR 9	99							CAL	END	ar ye	EAR (00			E
		V		1-Oct	1-Oc	t OCT	NOV	DEC J	AN FE	B MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC JA	N FEI	B MAR	R APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
BERETTA FY	'98	AF	2007	7 0					с								2007																							C
BERETTA FY	'99	AF	1578	3 0	1578	3														С								1578	3											C
																																								[
TOTAL			3585	5 0	3585	5 0	0	0	0	0 () () (0 0	0	0	0	2007	0	0	0	0	0 (0 () (0 0	0	0	1578	8 0	0	0	0	0	0	0	0	0	0	0	0
						ост	NOV	DEC J	AN FE	B MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC JA	N FEI	B MAR	R APR		JUN	JUL	AUG	SEP	ост	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
MANUFACTURER'S NA AND LOCATION	AME	PROD	RATES		REA-						PRO	CUF	EME	NT LI	EAD	IME						FY	'99 ES	STIMA	TED	DELI	VERY	OCT 9	99, BA	SED	ON F	PREV	IOUS	CON	ITRA	СТ				
		MIN	1-8-5	MAX	CH 0+					A	DMIN L	EAD T	IME		MAN	UFAC ⁻	TURING		τοτα	L AFTE	R																			
BERETTA USA COR ACCOKEEK, MD	P	UNK	UNK	UNK						PR	1 OCT	· A	FT 1 C	СТ		TIME	=		1	OCT																				
NOOONLEIN, MD						INIT	IAL						5				8			13																				
	Ī												P-1	SHO	PPINO	g lis:	г		I	PAGE						PAG	GE	NO.						PAG	θE	1	OF	1	PAG	E
													ITI	EM N	0	36			N	0.	134													E	EXHIE	BIT P-	21			

		BUDGE	ITEM JUSTI	FICATION				DATE	
			FEBRUAR	Y 1998					
APPROPRIATION		ΊΤΥ				NOMENCL			
PAAF/SMALL AR							2,000,000 (SM		
	FY 1996	FY 1997	FY 1998	FY 1999	FY 20	00	FY 2001	FY 2002	FY 2003
QUANTITY									
COST (In Millions)		\$0.607	\$0.839	\$0.117	\$0		\$0	\$0	\$0
REMARKS		τ	T	Ŧ -			τ -	τ -	
1. THIS CATEGO	ORY CONSISTS C	OF VARIOUS WEA	PONS ITEMS US	SED FOR BASE D	EFENSE A	ND GROUI	ND CREW TRAI	NING.	
2 ITEMS FOR F		IENT ARE LISTED	BELOW						
	1 33 I ROOOREN		BELOW.						
NOMENCLATUR	E				QTY	\$THO	USANDS		
AIMING CIRCLE,	M2A2				16	3	3		
RIFLE MOUNT					104	84	1		
TOTAL						11	7		
		F	P-1 SHOPP	PAGE NO. 135					
			IST ITEM NO. 37						