BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/
PROCUREMENT, NAVY & MARINE CORPS, BA 2

P-1 NOMENCLATURE:
CTG, 120MM TPCSDS-T

(RCN: 01-380-1)

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY	4,655	0	0	0	0	0	0
COST (M$)	2.545	0.000	0.000	0.000	0.000	0.000	0.000

This cartridge is a target practice round for use with the 120mm smooth bore M246 cannon mounted on the M1A1 tank. It is designed to duplicate employment of the kinetic energy service round (APFSDS-T). The reduced maximum range (7,500 meters) allows practice firing in short range training areas.

This is a Single Manager for Conventional Ammunition managed item being procured via the Conventional Ammunition Working Capital Fund through FY98. FY99 through FY03 programs will be procured at actual cost.

NOTE 1: This is a multi-year procurement with the US Army for FY95 - FY98.

NOTE 2: Backup for FY97 funds are reflected under 120mm, All Types (120mm TPCSDS-T).

This item is code "A."

Marine Corps Reserves
FY97 (M)$'s
0.704

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
CONSUMPTION	2.545	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M$)	2.545	0.000	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST
ITEM NO.

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/
PROCUREMENT, NAVY & MARINE CORPS, BA 2

P-1 NOMENCLATURE:
CTG, 120MM TP-T

(RCN: 01-379-1)

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	
QUANTITY	2,930	0	0	0	0	0	0	
COST (M$)	1.723	0.000	0.000	0.000	0.000	0.000	0.000	

This Cartridge is a target round used to simulate the ballistics for the M830 HEAT-MP-T round. This cartridge is fired from the 120mm smooth bore M256 cannon mounted on the M1A1 tank. The external appearance of the cartridge is similar to that of the M830 service round;however, it does not contain any explosives or shaped charge. The round is fired in the same manner as the service round and the flight characteristics are similar.

This is a Single Manager for Conventional Ammunition managed item being procured via the Conventional Ammunition Working Capital Fund through FY98. FY99 through FY03 will be procured at actual cost.

NOTE 1: This is a multi-year procurement with the US Army FY95 - FY98.

NOTE 2: Backup for FY97 funds are reflected under 120mm, All Types (120mm TP-T)

This item is code "A."

Marine Corps Reserves
FY97 (M)$'s
0.355

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	
CONSUMPTION	1.723	0.000	0.000	0.000	0.000	0.000	0.000	
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
COST (M$)	1.723	0.000	0.000	0.000	0.000	0.000	0.000	

P-1 SHOPP LIST
ITEM NO.

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/	P-1 NOMENCLATURE:	(ALTCODE: 138800)
PROCUREMENT, NAVY & MARINE CORPS, BA 2	25MM, ALL TYPES	

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	
QUANTITY								
COST (M$)	2.185	4.825	3.860	3.855	3.891	3.966	4.028	

Marine Corps Reserve (M)$'s

FY97	FY98	FY99	FY00	FY01	FY02	FY03
.239	.528	.422	.422	.426	.434	.441

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/
PROCUREMENT, NAVY & MARINE CORPS, BA 2

P-1 NOMENCLATURE:
CTG, 25MM TPDS-T LINKED

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	
QUANTITY	100,467	107,485	72,262	72,356	72,552	72,878	73,179	
COST (M$)	1.798	1.900	1.115	1.132	1.143	1.169	1.194	

This 25MM Target Practice Discarding Sabot-Tracer (TPDS-T) training unique item is designed to ballistically match the firing characteristics of the M791 armor piercing cartridge.

This is a Single Manager for Conventional Ammunition managed item being procured via the Conventional Ammunition Working Capital Fund through FY98. FY99 and out will be based on actual cost.

This item is Code "A."

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	
CONSUMPTION	1.798	1.900	1.115	1.132	1.143	1.169	1.194	
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
COST (M$)	1.798	1.900	1.115	1.132	1.143	1.169	1.194	

P-1 SHOPP LIST
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:
PROCUREMENT AMMUNITION, NAVY & MARINE CORPS, BA 2

P-1 ITEM NOMENCLATURE:
CTG, 25MM TPDS-T LINKED

NSN: 1305-01-426-4359
(A940)

	FY 1997 (QTY 100467)			FY 1998 (QTY 107485)			FY 1999 (QTY 72262)		
ELEMENT OF COST QM: EA	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE									
1. LOAD, ASSEMBLE, PACK (LAP)	100467	14.56	1463	107485	14.21	1527	72262	14.70	1062
2. CONTAINER PA125(EA)				3590	31.37	113			
SUBTOTAL			1463			1640			1062
PRODUCT									
1. PRODUCTION ENGINEERING			67			168			19
2. QUALITY ASSURANCE			2			4			4
3. ACCEPTANCE TESTING			16			19			6
4. INTERIM TRANSPORTATION			14			12			10
5. INDUSTRIAL STOCK SUPPORT			58			57			14
6. CAWCF GAIN/LOSS SURCHARGE			178						
SUBTOTAL			335			260			53
TOTAL P-1 LINE ITEM		17.90	1798		17.68	1900		15.43	1115

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT AMMUNITION, NAVY & MARINE CORPS, BA 2

P-1 ITEM NOMENCLATURE: CTG, 25MM TPDS-T LINKED

NSN: 1305-01-426-4359

(A940)

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	IF YES WHEN AVAIL
1 . LOAD, ASSEMBLE, PACK (LAP)										
FY 1997	ALLIANT TECH SYS	C/FP	IOC	JUN 97	MAR 98	100467	14.56	NO	NO	
FY 1998	TBD	C/FP	IOC	MAR 98	MAY 99	107485	14.21	NO	NO	
FY 1999	TBD	C/FP	IOC	MAR 99	MAY 00	72262	14.70	NO	NO	
2 . CONTAINER PA125(EA)										
FY 1998		C/FP	IOC	MAR 98	MAR 99	3590	31.37	YES	NO	

REMARKS:

SSET DYNAMICS

CQUISITION OBJECTIVE: 60919 DODIC: A940
OTAL MUNITIONS RQMT : 131959 DESCRIPTION: CTG, 25MM TPDS-T LINKED
EADTIME : 20

	30 SEPT 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
UY SUMMARY:								
UNIT PRICE:		$17.9000	$17.6800	$15.4300	$15.6400	$15.7500	$16.0400	$16.3200
TOTAL PRICE:		$1,798,000	$1,900,000	$1,115,000	$1,132,000	$1,143,000	$1,169,000	$1,194,000
FY BUDGET QTY:		100467	107485	72262	72356	72552	72878	73179
AINS:								
FDP DELIVERIES:		0	33489	102806	95744	72293	72421	72661
OTHER(96 &PRIOR)		0	0	0	0	0	0	0
TOTAL:		0	33489	102806	95744	72293	72421	72661
OSSES:								
COMBAT:		0	0	0	0	0	0	0
COMBAT ALLIES:		0	0	0	0	0	0	0
PEACETIME:		0	71040	71040	71040	71040	71040	71040
TESTING:		0	0	0	0	0	0	0
SALES:		0	0	0	0	0	0	0
OTHER:		0	0	0	0	0	0	0
TOTAL:		0	71040	71040	71040	71040	71040	71040
ET CHANGE (+/-)		0	-37551	31766	24704	1253	1381	1621
SSET POSITION:								
STD SERVICEABLE:	0	0	0	31766	56470	57724	59105	60726
UNSERVICEABLE:	0	0	0	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0	0	0	0
TOTAL:	0	0	0	31766	56470	57724	59105	60726
$ VALUE:	$0	$0	$0	$490,155	$883,196	$909,148	$948,044	$991,043
ECOMMENDED BUY QTY	60919	60919	60919	29153	4449	3195	1814	193
$ VALUE:	$0	$1,090,450	$1,077,048	$449,826	$69,577	$50,326	$29,097	$3,155
EFICIENCY A.O.	60919	60919	60919	29153	4449	3195	1814	193
$ VALUE:	$0	$1,090,450	$1,077,048	$449,826	$69,577	$50,326	$29,097	$3,155
ERCENT OF BJECTIVE:	0%	0%	0%	52%	93%	95%	97%	100%

EMARKS:
his is a new round with first buy in FY97. There have been no past expenditures of this item.

XPENDITURE INFO:	QTY	ASR
Y94	0	
Y95	0	
Y96	0	

UMMARY ITEM READINESS	QTY
RMR (WAR RESERVE REQ)	0
IPELINE	60919

AAO) METHODOLOGY: TRAINING UNIQUE: (AAO)=PIPELINE

PRODUCTION SCHEDULE (EXHIBIT P-21)

OPRIATION/BUDGET NAVY & MARINE CORPS, BA 2 | P-1 ITEM NOMENCLATURE: CTG, 25MM TPDST LINKED | DODIC: A940

SERV	PROGRAM QUANTITY FY 97P	FY 98	FY 99	FY 00	FY	FY	ACCP PRI TO OCT	BAL DUE AS OF 1 OCT 1997	FISCAL YEAR 1998 / 1997 OCT	NOV	DEC	CALENDAR YEAR 1998 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 1999 / CALENDAR YEAR 1999 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 2000 / CALENDAR YEAR 2000 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	LATER
A	1.58						1.12	0.46	.22	.24																																				0.00
A	0.69						0.65	0.04				.04																																		0.00
A	1.11						0.00	1.11						.11	.11	.11	.11	.11	.11	.11	.11	.11	.12																							0.00
A	1.21						0.00	1.21							.12	.12	.12	.12	.12	.12	.12	.12	.12	.12	.01																					0.00
A		1.42					0.00	1.42																				.20	.20	.20	.20	.20	.20	.20	.02											0.00
A			2.56				0.00	2.56																																.20	.20	.20	.20	.20	1.56
MC	0.10						0.00	0.10						.10																																0.00
MC		0.10					0.00	0.10						A														.10																		0.00
MC			0.07				0.00	0.07																		A														.07					0.00
ALL	2.25						1.77	0.48	.22	.24		.04																																		0.00
ALL	2.44						0.00	2.44						.21	.23	.23	.23	.23	.23	.23	.23	.23	.24	.12	.01																					0.00
ALL		1.52					0.00	1.52																				.30	.20	.20	.20	.20	.20	.20	.02											0.00
ALL			2.63				0.00	2.63																																.27	.20	.20	.20	.20	1.56
TOTAL MONTHLY PROD							1.77	7.07	.22	.24		.04		.21	.23	.23	.23	.23	.23	.23	.23	.23	.24	.12	.01			.30	.20	.20	.20	.20	.20	.20	.02					.27	.20	.20	.20	.20	1.56

MANUFACTURER NAME & LOCATION	PRODUCTION RATES MINIMUM	185	MAXIMUM	MONTHS TO MAX AFTER D DAY
ALLIANT TECH SYS, JOLIET, IL	0.26	0.26	0.75	12.00
OLIN MARION, MARION, IL	0.33	0.33	0.94	12.00
PRIMEX	0.33	0.33	0.94	12.00

PROCUREMENT LEAD TIME	ADMIN LEAD TIME PRI OCT	AFT OCT	PROD-UCTION	AFTER OCT
INITIAL	4.00	6.00	14.00	20.00
REORDER	4.00	4.00	14.00	18.00

REMARKS:

Page

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/
PROCUREMENT, NAVY & MARINE CORPS, BA 2

P-1 NOMENCLATURE:
CTG, 25MM TP-T LINKED

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	
QUANTITY	0	197,407	207,170	202,870	201,619	201,959	201,276	
COST (M$)	0.387	2.925	2.745	2.723	2.748	2.797	2.834	

The M793 cartridge is a percussion primed 25mm TP-T (Target Practice) for use in the 25mm weapon system. The M793 will provide the practice ammunition to ballistically match the HEI-T service ammunition.

This is a Single Manager for Conventional Ammunition managed item being procured via the Conventional Ammunition Working Capital Fund through FY98. FY99 and out will be based on actual cost.

This item is Code "A."

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	
CONSUMPTION	0.387	2.925	2.745	2.723	2.748	2.797	2.834	
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
COST (M$)	0.387	2.925	2.745	2.723	2.748	2.797	2.834	

P-1 SHOPP LIST
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:
PROCUREMENT AMMUNITION, NAVY & MARINE CORPS, BA 2

P-1 ITEM NOMENCLATURE:
CTG, 25MM TP-T LINKED

NSN: 1305-01-380-5862
(A976)

ELEMENT OF COST QM: EA	FY 1997 (QTY 0)			FY 1998 (QTY 197407)			FY 1999 (QTY 207170)		
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE									
1. LOAD, ASSEMBLE, PACK (LAP)				197407	11.74	2317			
2. CONTAINER PA125(EA)				6594	31.37	207			
3. COMPLETE ROUND							207170	11.79	2443
SUBTOTAL						2524			2443
PRODUCT									
1. PRODUCTION ENGINEERING						258			247
2. QUALITY ASSURANCE						6			1
3. ACCEPTANCE TESTING						29			1
4. INTERIM TRANSPORTATION						18			1
5. INDUSTRIAL STOCK SUPPORT						90			52
6. ONE TIME NON-RECURRING ECP/VEC			387						
SUBTOTAL			387			401			302
TOTAL P-1 LINE ITEM			387		14.82	2925		13.25	2745

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT AMMUNITION, NAVY & MARINE CORPS, BA 2

P-1 ITEM NOMENCLATURE: CTG, 25MM TP-T LINKED

NSN: 1305-01-380-5862

(A976)

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	IF YES WHEN AVAIL
1 . LOAD, ASSEMBLE, PACK (LAP)										
FY 1998		C/FP	IOC	MAR 98	MAY 99	197407	11.74	YES	NO	
2 . CONTAINER PA125(EA)										
FY 1998		CM/CT	IOC	JUN 98	NOV 99	6594	31.37	YES	NO	
3 . COMPLETE ROUND										
FY 1999		C/FP	IOC	MAR 99	MAY 00	207170	11.79	YES	YES	MAR 99

REMARKS:

DYNAMICS

SITION OBJECTIVE: 175660 DODIC: A976
MUNITIONS RQMT : 380177 DESCRIPTION: CTG, 25MM TP-T LINKED
IME : 18

	30 SEPT 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
UMMARY:								
T PRICE:		$0.0000	$14.8200	$13.2500	$13.4200	$13.6300	$13.8500	$14.0800
AL PRICE:		$387,000	$2,925,000	$2,745,000	$2,723,000	$2,748,000	$2,797,000	$2,834,000
BUDGET QTY:		0	197407	207170	202870	201619	201959	201276
:								
DELIVERIES:		0	0	98704	202289	205020	202245	201789
ER(96 &PRIOR)		487086	0	0	0	0	0	0
AL:		487086	0	98704	202289	205020	202245	201789
S:								
BAT:		0	0	0	0	0	0	0
BAT ALLIES:		0	0	0	0	0	0	0
CETIME:		167715	204517	204517	204517	204517	204517	204517
TING:		0	0	0	0	0	0	0
ES:		0	0	0	0	0	0	0
ER:		0	0	0	0	0	0	0
AL:		167715	204517	204517	204517	204517	204517	204517
HANGE (+/-)		319371	-204517	-105814	-2229	503	-2273	-2728
POSITION:								
SERVICEABLE:	163185	482556	278039	172226	169997	170500	168228	165500
ERVICEABLE:	0	0	0	0	0	0	0	0
NTENANCE:	0	0	0	0	0	0	0	0
STITUTE:	0	0	0	0	0	0	0	0
AL:	163185	482556	278039	172226	169997	170500	168228	165500
ALUE:	$0	$0	$4,120,538	$2,281,988	$2,281,360	$2,323,915	$2,329,951	$2,330,233
MENDED BUY QTY	12475	-306896	-102379	3435	5663	5160	7433	10161
ALUE:	$0	$0	($1,517,257)	$45,507	$75,997	$70,331	$102,940	$143,060
CIENCY A.O.	12475	-306896	-102379	3435	5663	5160	7433	10161
ALUE:	$0	$0	($1,517,257)	$45,507	$75,997	$70,331	$102,940	$143,060
NT OF TIVE:	93%	275%	158%	98%	97%	97%	96%	94%

RKS:

DITURE INFO:	QTY	ASR
	155770	50%
	160715	80%
	234272	58%
RY ITEM READINESS		QTY
(WAR RESERVE REQ)		280
LINE (313 DAYS OF THE TRNG REQ)		175380

METHODOLOGY: TRAINING UNIQUE: (AAO)= PIPELINE

PRODUCTION SCHEDULE (EXHIBIT P-21)

ROPRIATION/BUDGET NAVY & MARINE CORPS, BA 2 | P-1 ITEM NOMENCLATURE: CTG, 25MM TPT LINKED | DODIC: A976 |

SERV	PROGRAM QUANTITY FY	FY	FY	FY	FY	FY	ACCP PRI TO 1 OCT	BAL DUE AS OF 1 OCT	FISCAL YEAR 1998 1997 OCT	NOV	DEC	CALENDAR YEAR 1998 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 1999 OCT	NOV	DEC	CALENDAR YEAR 1999 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	FISCAL YEAR 2000 OCT	NOV	DEC	CALENDAR YEAR 2000 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	LATER
	97P	98	99	00				1997																																					
A	0.77						0.60	0.17				.05	.05	.05	.02																														0.00
A	0.47						0.47	0.00																																					0.00
A	0.28						0.00	0.28															.28																						0.00
A	0.18						0.00	0.18				.06	.06	.06																															0.00
A	0.30						0.00	0.30														.12	.13	.05																					0.00
A		1.28					0.00	1.28																				.20	.20	.20	.20	.20	.20	.08											0.00
A		[illegible]	1.46				0.00	1.46																																.20	.20	.20	.20	.20	0.46
MC		0.20					0.00	0.20						A														.10	.10																0.00
MC			0.20				0.00	0.20																		A														.10	.10				0.00
ALL	0.77						0.60	0.17				.05	.05	.05	.02																														0.00
ALL	0.75						0.47	0.28															.28																						0.00
ALL	0.48						0.00	0.48				.06	.06	.06								.12	.13	.05																					0.00
ALL		1.48					0.00	1.48																				.30	.30	.20	.20	.20	.20	.08											0.00
ALL			1.66				0.00	1.66																																.30	.30	.20	.20	.20	0.46
						TOTAL MONTHLY PROD	1.07	4.07				.11	.11	.11	.02							.12	.41	.05				.30	.30	.20	.20	.20	.20	.08						.30	.30	.20	.20	.20	0.46

MANUFACTURER NAME & LOCATION	PRODUCTION RATES MINIMUM	185	MAXIMUM	MONTHS TO MAX AFTER D DAY
ALLIANT TECH SYS, JOLIET, IL	0.26	0.26	0.75	12.00
OLIN MARION, MARION, IL	0.08	0.20	0.52	0.00
PRIMEX	0.08	0.20	0.52	0.00

PROCUREMENT LEAD TIME	ADMIN LEAD TIME PRI OCT	AFT OCT	PROD-UCTION	AFTER 1 OCT
INITIAL	6.00	6.00	14.00	20.00
REORDER	6.00	4.00	14.00	18.00

REMARKS:

Page

32-11

PRODUCTION SCHEDULE (EXHIBIT P-21)

APPROPRIATION/BUDGET NAVY & MARINE CORPS, BA 2 | P-1 ITEM NOMENCLATURE: CTG. 25MM TPT LINKED | DODIC: A976

SEQ	PROGRAM QUANTITY FY 97P	FY 98	FY 99	FY 00	FY	FY	ACCP PRI TO 1 OCT	BAL DUE AS OF 1 OCT	FISCAL YEAR 2001 / 2000 OCT	NOV	DEC	CALENDAR YEAR 2001 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 2002 / CALENDAR YEAR 2002 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 2003 / CALENDAR YEAR 2003 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	LATER
							2000	2000																																						
A	0.77						0.77	0.00																																						0.00
A	0.47						0.47	0.00																																						0.00
A	0.28						0.28	0.00																																						0.00
A	0.18						0.18	0.00																																						0.00
A	0.30						0.30	0.00																																						0.00
A		1.28					1.28	0.00																																						0.00
A			1.46				1.00	0.46	.20	.20	.06																																			0.00
MC		0.20					0.20	0.00																																						0.00
MC			0.20				0.20	0.00																																						0.00
ALL	0.77						0.77	0.00																																						0.00
ALL	0.75						0.75	0.00																																						0.00
ALL	0.48						0.48	0.00																																						0.00
ALL		1.48					1.48	0.00																																						0.00
ALL			1.66				1.20	0.46	.20	.20	.06																																			0.00
							TOTAL MONTHLY PROD	4.68	0.46	.20	.20	.06																																			

MANUFACTURER NAME & LOCATION	PRODUCTION RATES MINIMUM	185	MAXIMUM	MONTHS TO MAX AFTER D DAY
ALLIANT TECH SYS, JOLIET, IL	0.26	0.26	0.75	12.00
OLIN MARION, MARION, IL	0.08	0.20	0.52	0.00
PRIMEX	0.08	0.20	0.52	0.00

PROCUREMENT LEAD TIME	ADMIN LEAD TIME PRI OCT	AFT OCT	PROD-UCTION	AFTER OCT
INITIAL	6.00	6.00	14.00	20.00
REORDER	6.00	4.00	14.00	18.00

REMARKS:

Page

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/
PROCUREMENT, NAVY & MARINE CORPS, BA 2

P-1 NOMENCLATURE:
CTG, 9MM ALL TYPES

(ALTCODE: 142800)

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY							
COST (M$)	3.231	0.000	2.332	2.435	2.528	2.526	2.518

Marine Corps Reserves (M)$'s

FY97	FY98	FY99	FY00	FY01	FY02	FY03
.139	0	.100	.105	.108	.109	.108

P-1 SHOPP LIST
ITEM NO.

EXHIBIT P-40

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/
PROCUREMENT, NAVY & MARINE CORPS, BA 2

P-1 NOMENCLATURE:
CTG, 9MM TP-T FOR AT-4

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY	780,270	0	0	0	0	0	0
COST (M$)	0.400	0.000	0.000	0.027	0.000	0.000	0.000

This cartridge is a 9mm tracer projectile with a trajectory and time of flight that is similar to that of the tactical AT-4 projectile. These rounds are used in the AT-4 Practice Launcher which is similar in appearance and operation to the tactical AT-4. They are used to enhance the gunners accuracy and safety.

This is a Single Manager for Conventional Ammunition managed item being procured via the Conventional Ammunition Working Capital Fund through FY98. FY99 and out will be based on actual cost.

This item is Code "A".

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
CONSUMPTION	0.400	0.000	0.000	0.027	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M$)	0.400	0.000	0.000	0.027	0.000	0.000	0.000

P-1 SHOPP LIST
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:
PROCUREMENT AMMUNITION, NAVY & MARINE CORPS, BA 2

P-1 ITEM NOMENCLATURE:
CTG, 9MM TP-T FOR AT-4

NSN: 1305-01-307-5536
(A358)

	FY 1997 (QTY 780270)			FY 1998 (QTY 0)			FY 1999 (QTY 0)		
ELEMENT OF COST QM: EA	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE									
1. COMPLETE ROUND	780270	0.42	326						
SUBTOTAL			326						
PRODUCT									
1. PRODUCTION ENGINEERING			15						
2. QUALITY ASSURANCE									
3. ACCEPTANCE TESTING			4						
4. INTERIM TRANSPORTATION			3						
5. INDUSTRIAL STOCK SUPPORT			12						
6. CAWCF GAIN/LOSS SURCHARGE			40						
SUBTOTAL			74						
TOTAL P-1 LINE ITEM		0.51	400						

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT AMMUNITION, NAVY & MARINE CORPS, BA 2

P-1 ITEM NOMENCLATURE: CTG, 9MM TP-T FOR AT-4

NSN: 1305-01-307-5536

(A358)

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	IF YES WHEN AVAIL
1 . COMPLETE ROUND										
FY 1997	BLOUNT, INC LEWISTON, ID	C/FP	IOC	MAR 97	OCT 97	780270	0.42	YES	NO	

EXHIBIT P-5A

SET DYNAMICS

QUISITION OBJECTIVE: 214313 DODIC: A358
TAL MUNITIONS RQMT : 464231 DESCRIPTION: CTG, 9MM TP-T FOR AT-4
ADTIME : 16

	30 SEPT 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
SUMMARY:								
NIT PRICE:		$0.5100	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000	$0.0000
OTAL PRICE:		$400,000	$0	$0	$27,000	$0	$0	$0
Y BUDGET QTY:		780270	0	0	0	0	0	0
NS:								
DP DELIVERIES:		0	520180	260090	0	0	0	0
THER(96 &PRIOR)		320398	160199	0	0	0	0	0
OTAL:		320398	680379	260090	0	0	0	0
SES:								
OMBAT:		0	0	0	0	0	0	0
OMBAT ALLIES:		0	0	0	0	0	0	0
EACETIME:		450228	249918	249918	249918	249918	249918	249918
ESTING:		0	0	0	0	0	0	0
ALES:		0	0	0	0	0	0	0
THER:		0	0	0	0	0	0	0
OTAL:		450228	249918	249918	249918	249918	249918	249918
CHANGE (+/-)		-129830	430461	10172	-249918	-249918	-249918	-249918
ET POSITION:								
TD SERVICEABLE:	1016091	886261	1316722	1326894	1076976	827058	577140	327222
NSERVICEABLE:	0	0	0	0	0	0	0	0
AINTENANCE:	0	0	0	0	0	0	0	0
UBSTITUTE:	0	0	0	0	0	0	0	0
OTAL:	1016091	886261	1316722	1326894	1076976	827058	577140	327222
VALUE:	$0	$451,993	$0	$0	$0	$0	$0	$0
OMMENDED BUY QTY	-801778	-671948	-1102409	-1112581	-862663	-612745	-362827	-112909
VALUE:	$0	($342,693)	$0	$0	$0	$0	$0	$0
ICIENCY A.O.	-801778	-671948	-1102409	-1112581	-862663	-612745	-362827	-112909
VALUE:	$0	($342,693)	$0	$0	$0	$0	$0	$0
CENT OF ECTIVE:	474%	414%	614%	619%	503%	386%	269%	153%

ARKS:

ENDITURE INFO:	QTY	ASR
3	382617	
4	240718	
5	449802	
6	184601	

6 EXPENDITURE INFO REPORTED BY MARCOR UNITS APPEARS TO BE SUSPECT. FOUR YEAR AVERAGE (93 THRU 96) IS 314,435 RDS. THIS IS MORE IN-LINE WITH AND SUPPORTS
URE YEARS FORECASTED TRAINING LOSSES.
0 MONIES ARE IN SUPPORT OF ENGINEERING COSTS.

MARY ITEM READINESS	QTY
R (WAR RESERVE REQ)	0
ELINE (313 DAYS OF THE TRNG REQ)	214313

PRODUCTION SCHEDULE (EXHIBIT P-21)

PRIATION/BUDGET NAVY & MARINE CORPS, BA 2 | P-1 ITEM NOMENCLATURE: CTG, 9MM TPT FOR AT4 | DODIC: A358

SERV	PROGRAM QUANTITY FY 97P	FY 98	FY 99	FY 00	FY	FY	ACCP PRI TO 1 OCT	BAL DUE AS OF 1 OCT 1997	FISCAL YEAR 1998 1997 OCT	NOV	DEC	CALENDAR YEAR 1998 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 1999 CALENDAR YEAR 1999 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 2000 CALENDAR YEAR 2000 JAN	FEB	MAR	APR	MAY
MC	0.37						0.37	0.00																																
MC	0.78						0.00	0.78	.78																															
MC							0.00	0.00																																
MC							0.00	0.00																																
ALL	0.37						0.37	0.00																																
ALL	0.78						0.00	0.78	.78																															
ALL							0.00	0.00																																
ALL							0.00	0.00																																
			TOTAL MONTHLY PROD				0.37	0.78	.78																															

MANUFACTURER NAME & LOCATION	PRODUCTION RATES MINIMUM	185	MAXIMUM	MONTHS TO MAX AFTER D DAY
LOUNT, INC, LEWISTON, ID	0.50	2.40	6.00	0.00

PROCUREMENT LEAD TIME	ADMIN LEAD TIME PRI OCT	AFT OCT	PROD-UCTION	AFTER 1 OCT
INITIAL	6.00	6.00	10.00	16.00
REORDER	6.00	6.00	10.00	16.00

REMARKS:
QUANTITY IN MILLIONS

Page

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/
PROCUREMENT, NAVY & MARINE CORPS, BA 2

P-1 NOMENCLATURE:
CTG, 9MM BALL

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
QUANTITY	22,245,151	0	15,863,375	14,835,915	15,134,090	14,911,185	14,539,376
COST (M$)	2.831	0.000	2.332	2.218	2.306	2.299	2.286

This cartridge is the standard ball service round for use in the 9mm handgun.

This is a Single Manager for Conventional Ammunition managed item being procured via the Conventional Ammunition Working Capital Fund through FY98. FY99 and out will be based on actual cost.

This item is Code "A".

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
CONSUMPTION	2.099	0.000	2.222	2.218	2.222	2.222	2.286
WAR RESERVES	0.732	0.000	0.110	0.000	0.084	0.077	0.000
COST (M$)	2.831	0.000	2.332	2.218	2.306	2.299	2.286

P-1 SHOPP LIST
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:
PROCUREMENT AMMUNITION, NAVY & MARINE CORPS, BA 2

P-1 ITEM NOMENCLATURE:
CTG, 9MM BALL

NSN: 1305-01-172-9558
(A363)

ELEMENT OF COST QM: EA	FY 1997 (QTY 22245151)			FY 1998 (QTY 0)			FY 1999 (QTY 15863375)		
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE									
1. LOAD, ASSEMBLE, PACK (LAP)	22245151	0.10	2189				15863375	0.13	2102
2. BRASS METAL M2A1(EA)	22691	5.07	115				16181	5.57	90
SUBTOTAL			2304						2192
PRODUCT									
1. PRODUCTION ENGINEERING			105						92
2. QUALITY ASSURANCE			3						1
3. ACCEPTANCE TESTING			25						1
4. INTERIM TRANSPORTATION			22						1
5. INDUSTRIAL STOCK SUPPORT			91						45
6. CAWCF GAIN/LOSS SURCHARGE			281						
SUBTOTAL			527						140
TOTAL P-1 LINE ITEM		0.13	2831					0.15	2332

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT AMMUNITION, NAVY & MARINE CORPS, BA 2

P-1 ITEM NOMENCLATURE: CTG, 9MM BALL

NSN: 1305-01-172-9558

(A363)

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	IF YES WHEN AVAIL
1 . LOAD, ASSEMBLE, PACK (LAP)										
FY 1997	OLIN CORP ST PETERSBURG, FL	C/FP	IOC	JAN 97	JUL 97	22245151	0.10	YES	NO	
FY 1999		C/FP	IOC	JAN 99	JUL 99	15863375	0.13	YES	NO	
2 . BOX METAL M2A1(EA)										
FY 1997	BROCKWAY STANDARD HOMERVILLA, GA	C/FP	IOC	FEB 97	JUN 97	22691	5.07	YES	NO	
FY 1999	TBD	C/FP	IOC	FEB 99	JUN 99	16181	5.57	YES	NO	

SET DYNAMICS

QUISITION OBJECTIVE: 15131163 DODIC: A363
TAL MUNITIONS RQMT : 29941172 DESCRIPTION: CTG, 9MM BALL
ADTIME : 10

	30 SEPT 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Y SUMMARY:								
UNIT PRICE:		$0.1300	$0.0000	$0.1500	$0.1500	$0.1500	$0.1500	$0.1600
TOTAL PRICE:		$2,831,000	$0	$2,332,000	$2,218,000	$2,306,000	$2,299,000	$2,286,000
FY BUDGET QTY:		22245151	0	15863375	14835915	15134090	14911185	14539376
INS:								
FDP DELIVERIES:		3707525	18537626	2643896	15692132	14885611	15096939	14849217
OTHER(96 &PRIOR)		15014916	0	0	0	0	0	0
TOTAL:		18722441	18537626	2643896	15692132	14885611	15096939	14849217
SSES:								
COMBAT:		0	0	0	0	0	0	0
COMBAT ALLIES:		0	0	0	0	0	0	0
PEACETIME:		16149595	14810009	14810009	14810009	14810009	14810009	14810009
TESTING:		0	0	0	0	0	0	0
SALES:		0	0	0	0	0	0	0
OTHER:		0	3000000	0	0	0	0	0
TOTAL:		16149595	17810009	14810009	14810009	14810009	14810009	14810009
T CHANGE (+/-)		2572846	727617	-12166113	882123	75602	286930	39208
SET POSITION:								
STD SERVICEABLE:	17838719	20411565	21139182	8973069	9855192	9930793	10217724	10256931
UNSERVICEABLE:	0	0	0	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0	0	0	0
TOTAL:	17838719	20411565	21139182	8973069	9855192	9930793	10217724	10256931
$ VALUE:	$0	$2,653,503	$0	$1,345,960	$1,478,279	$1,489,619	$1,532,659	$1,641,109
COMMENDED BUY QTY	-2707556	-5280402	-6008019	6158094	5275972	5200370	4913439	4874232
$ VALUE:	$0	($686,452)	$0	$923,714	$791,396	$780,055	$737,016	$779,877
FICIENCY A.O.	-2707556	-5280402	-6008019	6158094	5275972	5200370	4913439	4874232
$ VALUE:	$0	($686,452)	$0	$923,714	$791,396	$780,055	$737,016	$779,877
RCENT OF JECTIVE:	118%	135%	140%	59%	65%	66%	68%	68%

MARKS:
98 ADDITIONAL LOSSES DUE TO PAYBACK OF BORROWED ROUNDS.

PENDITURE INFO:	QTY	ASR
93	15895099	
94	16149595	
95	15069589	
96	17471538	

MMARY ITEM READINESS	QTY
RMR (WAR RESERVE REQ)	2431073
IPELINE (313 DAYS OF THE TRNG REQ)	12700090

PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE FEBRUARY 1998

APPROPRIATION/BUDGET ACTIVITY
PROCUREMENT AMMUNITION, USMC

P-1 ITEM NOMENCLATURE
CTG 9MM BALL M882

A363 E05210

FAC NO.	UM	SERV	PROGRAM QUANTITY FY 97P	FY 98	FY 99	FY 00	FY	FY	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	FISCAL YEAR 98 / CALENDAR YEAR 97 OCT	NOV	DEC	98 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 99 / CALENDAR YEAR 98 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 00 / CALENDAR YEAR 99 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	LATER
1	M	A	30.9						30.9	0.00																																						0.00
1	M	A	7.70						6.40	1.30	1.3																																					0.00
2	M	A		27.4					0.00	27.4										2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2																	0.00
2	M	A			12.7				0.00	12.7																						1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.60				0.00
1	M	AF	11.0						11.0	0.00																																						0.00
1	M	AF	10.2						4.60	5.60	3.0	2.6																																				0.00
2	M	AF		7.50					0.00	7.50										.60	.60	.60	.60	.60	.60	.60	.60	.60	.60	.70	.80																	0.00
2	M	AF			10.0				0.00	10.0																						.80	.80	.80	.80	.80	.80	.80	.80	.90	.90	.90	.90					0.00
1	M	MC	18.0						18.0	0.00																																						0.00
1	M	MC	22.0						16.3	5.70	4.7	1.0																																				0.00
	M	MC		0.00					0.00	0.00																																						0.00
2	M	MC			16.0				0.00	16.0																						1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7				0.00
1	M	NS	11.0						11.0	0.00																																						0.00
1	M	NS	11.0						4.30	6.70	3.3	3.4																																				0.00
2	M	NS		10.0					0.00	10.0										.83	.83	.83	.83	.83	.83	.83	.83	.84	.84	.84	.84																	0.00
2	M	NS			10.0				0.00	10.0																						.83	.83	.83	.83	.83	.83	.83	.83	.84	.84	.84	.84					0.00
1	M	SOF	6.40						6.40	0.00																																						0.00
	M	SOF	0.00						0.00	0.00																																						0.00
2	M	SOF		3.50					0.00	3.50										.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30	.20																	0.00
2	M	SOF			5.00				0.00	5.00																						.42	.42	.42	.42	.42	.42	.42	.42	.42	.42	.42	.38					0.00
1	M	OTH	1.10						1.10	0.00																																						0.00
2	M	OTH	1.00						0.40	0.60							.60																															0.00
	M	OTH		0.00					0.00	0.00																																						0.00
	M	OTH			0.00				0.00	0.00																																						0.00
																																																0.00
								TOTAL MONTHLY PRODUCTION	0.37	0.78	.78																																						

FAC NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES MINIMUM SUST.	1-8-5	MAXIMUM	MONTHS TO REACH MAX AFTER D-DAY
1	OLIN, E. ALTON, IL	1.00	6.00	16.00	1
2	TO BE SELECTED	1.00	6.00	16.00	1

PROCUREMENT LEAD TIME	ADMIN LEADTIME PRIOR 1 OCT	AFTER 1 OCT	PROD.	TOTAL AFTER 1 OCT
INITIAL	6	4	6	10
REORDER	6	4	6	10

REMARKS

P-1 LINE NO. 33 PAGE NO. 11 OF ____ PAGES

PCN: LAI-250

PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE FEBRUARY 1998

APPROPRIATION/BUDGET ACTIVITY
PROCUREMENT AMMUNITION, USMC

P-1 ITEM NOMENCLATURE
CTG 9MM BALL M882

A363 E05210

FAC NO.	UM	SERV	PROGRAM QUANTITY FY 97P	FY 98	FY 99	FY 00	FY	FY	ACCEP. PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	FISCAL YEAR 98 / CALENDAR YEAR 97 OCT	NOV	DEC	CALENDAR YEAR 98 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 99 / CALENDAR YEAR 99 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	FISCAL YEAR 00 / CALENDAR YEAR 00 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	LATER
		ALL	78.4						78.4	0.00																																						0.00
		ALL	51.9						32.0	19.9	12.7	0.0					.60																															0.00
		ALL		48.4					0.00	48.4										4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0																	0.00
		ALL			53.7				0.00	53.7																							4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.4				0.00
		TOTAL MONTHLY PRODUCTION							110.	122.	12.7	0.0					.60			4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.4				0.00

FAC NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES MINIMUM SUST.	1-8-5	MAXIMUM	MONTHS TO REACH MAX AFTER D-DAY
1	OLIN, E. ALTON, IL	1.00	6.00	16.00	1
2	TO BE SELECTED	1.00	6.00	16.00	1

PROCUREMENT LEAD TIME	ADMIN LEADTIME PRIOR 1 OCT	AFTER 1 OCT	PROD.	TOTAL AFTER 1 OCT
INITIAL	6	4	6	10
REORDER	6	4	6	10

REMARKS

PCN: LAI-250

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/
PROCUREMENT, NAVY & MARINE CORPS, BA 2

P-1 NOMENCLATURE:
GRENADES, ALL TYPES

(ALTCODE: 146800)

	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	
QUANTITY								
COST (M$)	0.449	2.226	4.893	7.082	6.303	1.815	4.601	

Marine Corps Reserves (M)$'s

FY97	FY98	FY99	FY00	FY01	FY02	FY03
.38	.188	.414	.599	.533	.154	.389