

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2023 Army						Date: April 2022							
Appropriation / Budget Activity / Budget Sub Activity:						P-1 Line Item Number / Title:							
2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 30: Small/ Medium Cal Ammunition						0612E02000 / CTG, 7.62MM, All Types							
ID Code (A=Service Ready, B=Not Service Ready):			Program Elements for Code B Items: N/A			Other Related Program Elements: N/A							
Line Item MDAP/MAIS Code: N/A													
Resource Summary		Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	To Complete	Total
Procurement Quantity (Units in Each)		-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		891.083	103.343	101.926	90.019	-	90.019	90.183	72.189	86.846	86.846	-	1,522.435
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		891.083	103.343	101.926	90.019	-	90.019	90.183	72.189	86.846	86.846	-	1,522.435
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		891.083	103.343	101.926	90.019	-	90.019	90.183	72.189	86.846	86.846	-	1,522.435
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)													
Initial Spares (\$ in Millions)		-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)		-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)		-	-	-	-	-	-	-	-	-	-	-	-

Description:

This budget line includes 7.62mm ALL TYPES.

(E01902) 7.62mm Blank, M82 w/M13 Link is linked in 100 round belts for training use in M240 family of machine weapons. The M82 is a blank cartridge (no projectile) designed to mimic the sound and function of combat ammunition with the use of a blank firing adaptor. It can be identified by its long neck and rosette crimped mouth. It is intended for training use only and not suitable for combat. This item is Code A, approved for service use.

(E02011) 7.62mm M80A1 Enhanced Performance Round (EPR) Ball is linked in a 100 cartridge belt with the M13 link for use in the M240 Machine Gun family of weapons. The M80A1 Ball Cartridge has a steel penetrator and non-lead slug surrounded by a copper jacket. They are intended for use against personnel and light-armored targets. This Item is Code A, approved for service use.

(E02012) 7.62mm M80A1 Enhanced Performance Round (EPR) Ball Cartridges are linked in a 100 cartridge belt in a 4 Ball/1 Tracer Cartridge with the M13 link for use in the M240 Machine Gun family of weapons. The M80A1 Ball Cartridge has a steel penetrator and a non-lead slug surrounded by a copper jacket. The M62A1 Tracer Cartridge also contains a lead free projectile and provides a visible red light signature through its trajectory and is a ballistic match with the M80A1 trajectory. They are intended for use against personnel and light-armored targets. This Item is Code A, approved for service use.

(E02501) 7.62mm, Single Round (NPF DDI), M63A1 Dummy, Drilled and Inert ammunition (DDI) is an inert dummy cartridge used as an ammunition training aid and for weapon familiarization. The 7.62mm, M63A1 DDI ammunition is both nickel plated and fluted (NPF) for easy recognition and to distinguish the dummy ammunition visually from tactical ammunition. This Item is Code A, approved for service use.

(E89100) 7.62mm M118 Long Range Cartridge is a match grade design intended for long range accuracy and is packed in a 20 cartridge cardboard carton and intended for Sniper use in the M40, M110, M110A1 and MK21 Rifles. It is intended for use against personnel and non-armored targets. This Item is Code A, approved for service use.

(F57510) 7.62mm M1158 Advanced Armor-Piercing (ADVAP) Ball Cartridges are linked in a 100 cartridge belt in a 4 Ball/1 Tracer Cartridge with the M13 link for use in the M240 Machine Gun family of weapons. The M1158 Ball Cartridge uses projectiles with an exposed black metal tip surrounded by a copper jacket. The M62A1 Tracer Cartridge also contains a lead free projectile and provides a visible red light signature through its trajectory and is a ballistic match with the M1158 trajectory. This item is intended for use against a broad spectrum of hard targets. This Item is Code A, approved for service use.

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Appropriation / Budget Activity / Budget Sub Activity:					P-1 Line Item Number / Title:					
2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 30: Small/ Medium Cal Ammunition					0612E02000 / CTG, 7.62MM, All Types					
ID Code (A=Service Ready, B=Not Service Ready):		Program Elements for Code B Items: N/A			Other Related Program Elements: N/A					
Line Item MDAP/MAIS Code: N/A										
Exhibits Schedule										
Exhibit Type	Title*	Subexhibits	ID	MDAP/MAIS Code	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
P-5	E01902 / CTG, 7.62mm Blank, M82 w/M13 Link [A111]	P-5a	A		Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-5	E02011 / CTG, 7.62mm Ball M80A1 LeadFree, w/M13 Link [AB79]	P-5a	A		- / 369,240	- / 8,060	- / 6,314	- / 4,733	- / -	- / 4,733
P-5	E02012 / CTG, 7.62mm 4 Ball M80A1/1 Trcr M62A1 LeadFree [AB86]	P-5a, P-21	A		- / 81,426	- / 12,482	- / 1,878	- / 2,150	- / -	- / 2,150
P-5	E02501 / CTG, 7.62mm, Single Round (NPF DDI), M63A1 [AB47]		A		- / 350,244	- / 58,963	- / 68,426	- / 61,065	- / -	- / 61,065
P-5	E89100 / CTG, 7.62mm Special Ball, M118 Long Range [AA11]		A		- / 1,070	- / 0,040	- / 0,075	- / -	- / -	- / -
P-5	F57510 / CTG, 7.62mm Advanced Armor Piercing, XM1158	P-5a, P-21	A		- / 47,390	- / 0,838	- / 1,768	- / 0,986	- / -	- / 0,986
P-40	Total Gross/Weapon System Cost				- / 41,713	- / 22,960	- / 23,465	- / 21,085	- / -	- / 21,085
					- / 891,083	- / 103,343	- / 101,926	- / 90,019	- / -	- / 90,019
*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.										
Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.										

Justification:

FY 2023 Base Budget supports critical Army Title 10 war reserve/operational, training, and test requirements in accordance with Department of Defense Instruction 3000.04 (Munitions Requirements Process) and Army Regulation 5-13 (Total Army Munitions Requirements Process and Prioritization System). War reserve requirements support Office of the Secretary of Defense (OSD) approved Combatant Commander Operational Plans, Homeland Defense, and other OSD-directed missions. Training requirements support individual and collective training of Active and Reserve Component forces at Army schools, home station, and the combined training centers. Test requirements support the development, fielding, safety, and quality assurance of Army munitions and equipment throughout their life-cycle.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

FY2023 Base Budget supports the Minimum Sustaining Rates at both Lake City Army Ammunition Plant (LCAAP) as well as the Second Source facility in Oxford, MS.

FY 2023 Total Base dollars in the amount of \$90.019 million supports the procurement of 70.415 million cartridges. The Army intends to convert any price advantage created through contract negotiations, other service procurement, and/or Foreign Military Sales (FMS) to increase procurement of 7.62MM ALL TYPES when possible.

(E01902) 7.62mm Blank, M82 w/M13 Link is a training unique item not used in combat. The FY 2023 request supports annual training and builds a depot level in accordance with the Army's procurement goals. The FY 2023 Base procurement dollars in the amount of \$4.733 million supports the procurement of 7.864 million Blank M82 cartridges. Type classification date: 1960

(E02011) 7.62mm M80A1 Enhanced Performance Round (EPR) Lead Free Slug (LFS) Ball Cartridge is a training standard item used in training and combat. The FY 2023 request supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2023 Base procurement dollars in the amount of \$2.150 million supports the procurement of 2.212 million 7.62mm M80A1 1 Ball (EPR) (LFS) Cartridges. Type classification date: 1962

(E02012) 7.62mm M80A1 Enhanced Performance Round (EPR) 4 Ball /1 Trace, Lead Free Slug (LFS) Cartridge /M62A1 LFS Tracer Cartridge is a training standard item used in training and combat. The FY 2023 request supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2023 Base procurement dollars in the amount of \$61.065 million supports the procurement of 58.012 million 7.62mm M80A1 4 Ball/1 Trace (EPR) (LFS) Cartridges.

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Appropriation / Budget Activity / Budget Sub Activity: 2034A: Procurement of Ammunition, Army / BA 01: Ammunition / BSA 30: Small/Medium Cal Ammunition		P-1 Line Item Number / Title: 0612E02000 / CTG, 7.62MM, All Types	
ID Code (A=Service Ready, B=Not Service Ready):		Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A			
Type classification date: 1962			
(E02501) 7.62mm Single Round (NPF DDI) M63A1 Round is a training unique item not used in combat. The request supports annual training and builds a depot level in accordance with the Army's procurement goals. Type classification date: 1982			
(E89100) 7.62mm M118 Long Range Round is a training standard item used in training and combat. The FY 2023 request supports annual training and builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2023 Base procurement dollars in the amount of \$0.986 million supports the procurement of .903 million 7.62mm M118 Long Range Cartridges. Type classification date: Prior to 1997			
(F57510) 7.62mm M1158 Advanced Armor-Piercing (ADVAP) Ball Cartridges and M62A1 Tracer Cartridges are linked in a 100 cartridge belt in a 4 Ball/1 Tracer configuration with the M13 link. This is a war reserve item used in combat. The FY 2023 request builds a war reserve inventory in accordance with the Army's procurement goals. The FY 2023 Base procurement in the amount of \$21,085 million supports the procurement of 1.424 million 7.62mm M1158 Advanced Armor-Piercing (ADVAP) Ball Cartridges 4Ball/1 M62A1 Tracer linked Cartridges. Type classification date: 4th Quarter 2020			

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Exhibit P-5, Cost Analysis: PB 2023 Army				Date: April 2022			
Appropriation / Budget Activity / Budget Sub Activity: 2034A / 01 / 30		P-1 Line Item Number / Title: 0612E02000 / CTG, 7.62MM, All Types		Item Number / Title [DODIC]: E01902 / CTG, 7.62mm Blank, M82 w/ M13 Link [A111]			
ID Code (A=Service Ready, B=Not Service Ready) : A		MDAP/MAIS Code:					
Resource Summary		Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Procurement Quantity (Units in Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		369,240	8,060	6,314	4,733	-	4,733
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)		369,240	8,060	6,314	4,733	-	4,733
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		369,240	8,060	6,314	4,733	-	4,733
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)							
Initial Spares (\$ in Millions)		-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)		-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2021			FY 2022			FY 2023 Base			FY 2023 OCO			FY 2023 Total		
	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware Cost																		
Recurring Cost																		
COMPLETE ROUND ^(†)	0.40	916,858K	365.826				0.48	15,598,009	7.487				0.54	9,857,891	5.323			
Subtotal: Recurring Cost	-	-	365.826				-	-	7.487				-	-	5.323			
Subtotal: Hardware Cost	-	-	365.826				-	-	7.487				-	-	5.323			
Support - Production Engineering Cost																		
Production Engineering	-	-	3.221				-	-	0.554				-	-	0.971			
Subtotal: Support - Production Engineering Cost	-	-	3.221				-	-	0.554				-	-	0.971			
Support - Quality Assurance Cost																		
Quality Assurance	-	-	0.023				-	-	0.018				-	-	0.009			
Subtotal: Support - Quality Assurance Cost	-	-	0.023				-	-	0.018				-	-	0.009			
Gross/Weapon System Cost	-	-	369,240				-	-	8,060				-	-	6,314			

(†) indicates the presence of a P-5a