Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force	Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 13: Bombs	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs

ID Code (A=Service Ready, B=Not Service Ready): A	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 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	-	160.976	148.102	142.118	-	142.118	144.453	180.435	176.511	180.323	-	1,132.918
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	-	160.976	148.102	142.118	-	142.118	144.453	180.435	176.511	180.323	-	1,132.918
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**-**	**160.976**	**148.102**	**142.118**	**-**	**142.118**	**144.453**	**180.435**	**176.511**	**180.323**	**-**	**1,132.918**
(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 Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

- FY22 amounts reflect $15.589M in reductions in the FY22 Appropriations Act.
- FY23 amounts reflect $14.198M in reductions in the FY23 Appropriations Act.

The following Weapon System Cost Elements are represented in this P-1 line:

- MXU-651 B/B (EC31/EC28) is an airfoil group consisting of an aft wing assembly, forward canards and attaching hardware needed to assemble a GBU-10 Laser Guided Bomb (BLU-109 2000 pound (lb) Hard Target Penetrator Bomb or MK84 2000lb class bomb). The system has folding wings which open upon release for increased maneuverability. This item is procured by Munitions Sustainment Division at Hill AFB, UT.

- MXU-650 Fin Assembly kit (EC32) consists of a tail fin, forward canards and attachment hardware needed to assemble the GBU-12 (MK-82 Warhead, 500lb class) Laser Guided Bomb (LGB). This Fin assembly kit, coupled with a Computer Control Group (ED58) complete the GBU-12 weapons build. These weapons are primarily used for precision bombing against non-hardened targets. This item is procured by Munitions Sustainment Division at Hill AFB.

- MAU-209/MAU-169 (ED58) GBU-10/12 Computer Control Group is a laser homing guidance unit used on the GBU-10 and GBU-12 Laser Guided Bombs, (GBU-10, MK-84 Warhead, 2000lb class or GBU-12, MK-82 Warhead, 500lb class). The system has folding wings which open upon release for maneuverability and increased aircraft payload. This item is procured by Hill AFB. Laser Guided Bombs are essential to meeting training, operational and inventory objective requirements worldwide for precision bombing against hardened and non-hardened targets. Yearly procurements ensure the necessary stock on hand to meet these requirements. Paveway II telemetry (TM) kits are radio monitored modules installed in the GBU-10, 12 and 16 weapon systems that monitor and track data during flight. They provide essential data for issues such as flight failures and weapon accuracy as well as data for the long term sustainment of the weapon system.

- BLU-117/MK-84 is a 2,000lb class general purpose bomb. The bomb produces blast and fragmentation effects and can be used as either an unguided high or low drag weapon. When used with a guidance kit, it can be employed as a precision guided bomb. The warhead is used on the GBU-10/12 (PAVEWAY) and Joint Direct Attack Munition (GBU-31) weapon systems. The BLU-117 can also be fuzed with proximity, instantaneous, or delayed fuzes to provide a variety of military effects. This item is procured through the Army Single Manager for Conventional Ammunition (SMCA). The MK-84 is a tritonal-filled variant.

Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 13: Bombs	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

- BLU-111/MK-82 is a 500lb class general purpose bomb. The bomb produces blast and fragmentation effects and can be used as either an unguided high or low drag weapon. When used with a guidance kit, it can be employed as a precision guided bomb. The warhead is used on the GBU-10/12 (PAVEWAY) and Joint Direct Attack Munition (GBU-38/54) weapon systems. The BLU-111 can also be fuzed with proximity, instantaneous, or delayed fuzes to provide a variety of military effects. This item is procured through the Army Single Manager for Conventional Ammunition (SMCA). The MK-82 is a tritonal-filled variant.

- BLU-140 (previously BLU-111 ECP / BLU-111 all variants) is a 500-lbs General Purpose Bomb, maintaining the Outer Mold Line of the MK-82 with an internal case designed for penetration. It can be employed as a general purpose/penetrator bomb delivered in the GBU-38 or GBU-54 configurations when combined with other Air Force commodities. BLU-140 has demonstrated improved effectiveness against certain hard targets, including multi-story and bunker-style targets, while increasing aircraft loadout capacity enabling more targets per sortie in the intended Area of Responsibilities (AORs). The weapon is employed by the two threshold airframes (F-16 and B-2), and objective airframes (any airframe compatible with the MK-82).
Funding may be used to correct BLU-140 deficiencies resulting in new fielding nomenclatures.

- BLU-109 warhead is a 2000lb hard target penetrator bomb used against bunkers, aircraft shelters, and reinforced concrete structures. The warhead is used on the GBU-10, 24, and 27 as well as Joint Direct Attack Munition (JDAM) GBU-31V3 weapon systems. This item is procured through the Army Single Manager for Conventional Ammunition (SMCA). Variants are filled with tritonal or with a more Insensitive munitions (IM) compliant fill.

- BLU-137 Advanced 2,000lb Penetrator (A2K) is a weapon used against bunkers, aircraft shelters, and reinforced concrete structures and is compatible with the JDAM guidance tail kit. The BLU-137/B is an advanced/modernized design to the BLU-109 warhead with increased reliability and survivability to prosecute increased target sets. Procurement started in FY18 at Eglin AFB (AFLCMC/EBD) and has since transitioned to Hill AFB (AFLCMC/EBH), 1QFY2023.

- BLU-129/B Composite Case Warhead - Carbon fiber composite case for high near-field lethality to deliver 3x reduction in collateral damage. This item is procured through the Army Single Manager for Conventional Ammunition (SMCA).

- BLU-138/GBU-72 Advanced 5,000lb Penetrator (A5K) has optimized performance against the HTM AoA priority target set of tunnels and bunkers. With enhanced survivability, increased lethality, smart fuzing and utilization of fielded JDAM Navigation tailkits, the GBU-72 significantly improved performance reducing the number of weapons required to achieve a kill at lower AUR cost. A5K will replace the GBU-28.

- MK-81 is a 250lb class general purpose bomb. The bomb is designed for soft, fragment sensitive targets, such as troops, POL, and radars. The item is procured through Army Single Manager for Conventional Ammunition (SMCA).

- Next Generation Area Attack Weapons (NGAAWs) are a family of unitary area attack weapons which meet the DoD policy on cluster munitions. It consists of both the BLU-134/B and BLU-136/B warheads with a height of burst sensor. The BLU-134/B, Improved Lethality Warhead (ILW), Next Generation Area Attack Weapon Increment I, is a 500lb area attack warhead with improved lethality against personnel and materiel targets. The unitary warhead meets DoD policy on cluster munitions. EBH pursued to qualify a Tritonal filled version of the BLU-134 A/B and secured an IM waiver and funding was used to procure the BLU-134A/B Tritonal variant. The BLU-136/B, Next Generation Area Attack Weapon Increment II, is a 2,000lb area attack warhead which, augmented by the BLU-134/B, provides for significant improved lethality against personnel and materiel targets and meets DoD policy on cluster munitions.

- Items Less Than Five Million Dollars: All items have an annual procurement of less than 5,000,000 and are Code A. These items may include but not limited to lugs, pallets, etc.

- BDU-56: A 2,000-pound, non-explosive training shape, without internal plumbing, used to provide combat forces with aircrew weapons delivery training. The BDU-56 simulates the drop trajectory of a live MK-84/BLU-117. This item is procured through the Single Manager for Conventional Ammunition (SMCA)/Army.

- BDU-50: A 500-pound thick-wall cast ductile iron, non-explosive training shape used to provide combat air forces with aircrew weapons delivery training. The BDU-50 simulates the drop trajectory of a live MK-82/BLU-111. This item is procured through the SMCA/Army.

Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 13: Bombs	P-1 Line Item Number / Title: 353020 / General Purpose Bombs	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

- MK-84 Inert: : A 2,000-pound, non-explosive training shape, with internal plumbing, used to provide combat forces with aircrew weapons delivery training. The MK-84 Inert simulates the drop trajectory of a live MK-84/BLU-117. This item is procured through the SMCA/Army.

- BDU-33: A 25-pound, non-explosive, tear shaped, practice bomb used to simulate the 500 lb. MK-82/BLU-111 and 2000 lb. MK-84/BLU-117general purpose, non-guided, bombs in a low drag configuration. Upon impact the bomb drives a firing pin assembly against a primer activating the signal charge, permitting visual evaluation of accuracy. This item is procured through the SMCA/Army.

- MK4 Mod 3, Signal Cartridge: The cartridge consists of an aluminum case. The rim end has a percussion primer, and the opposite end is sealed with an aluminum disk. The cartridge produces a flash of light and a puff of smoke. The MK4 Mod 3 is primarily used for night operations as a visual indication of bomb impact and fuze function. This item is procured through the SMCA/Army.

- CXU-3A/B, Signal Cartridge: The cartridge consists of an aluminum case. The rim end has a percussion primer, and the opposite end is sealed with an aluminum disk. The cartridge produces a dense, white smoke display. The CXU-3A/B is primarily used for day operations as a visual indication of bomb impact and fuze function. This item is procured through the SMCA/Army.

Funds may be used to address production Diminishing Manufacturing Sources (DMS)/Material Shortages/Obsolescence issues through studies, bridge buys, life of type buys, supplier/parts replacement, to include electronic components used commercially and in short supply, and qualification activities to preserve future production capabilities and capacities.

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.

These funds may also procure inventoried items which may not be procured on an annual basis and could be required on an emerging basis. Variations to cover critical shortfalls to inventory objectives as well as actual and planned expenditures will be addressed during execution year. Examples include, but are not limited to, BDU-56/B, BDU-50C/B, MK-84 Inert, BDU-33, MK4 Mod 3 Signal Cartridge, and CXU-3A/B Signal Cartridge.

Portion of FY22-FY24 funding will be used for facilitization efforts. This will enhance production line capacity required to replenish inventory, accommodate large caliber warheads, and provide for alternative explosive fills.

Funding for this exhibit is contained in PEs 0208030F and 0207599F.

Exhibit P-40, Budget Line Item Justification: PB 2024 Air Force	Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 13: Bombs	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	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-40a	500LB GP Bomb Variants				- / -	- / 80.200	- / -	- / -	- / -	- / -
P-40a	(ED78) BLU-129/B 500LB BOMB				- / -	- / 10.000	- / 0.000	- / -	- / -	- / -
P-40a	(EE59) BLU-137/A2K				- / -	- / 1.500	- / 6.000	- / -	- / -	- / -
P-40a	A5K (GBU-72)				- / -	- / 16.333	- / 26.500	- / 28.300	- / -	- / 28.300
P-40a	BLU-136/B 2000LB GP BOMB				- / -	- / 27.600	- / 41.500	- / 35.000	- / -	- / 35.000
P-40a	GENERAL PURPOSE BOMBS (ITEMS LESS THAN $5 MILLION)				- / -	- / 25.343	- / 28.300	- / 15.600	- / -	- / 15.600
P-40a	PRACTICE BOMBS				- / -	- / -	- / 45.802	- / 63.218	- / -	- / 63.218
P-40	**Total Gross/Weapon System Cost**				**- / -**	**- / 160.976**	**- / 148.102**	**- / 142.118**	**- / -**	**- / 142.118**

*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. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

FY2024 funds purchase 250, 500, 1,000, 2,000, and 5,000 pound conventional general purpose bombs, guidance and control kits, and energetics to provide precision bombing capability. In addition, funds may be used for equipment or support required to enhance production line capacity as required for inventory replenishment, as well as obsolescence and deficiency corrections. These weapons are used to defeat non-hard, hardened and deeply buried targets, bunkers, aircraft shelters, reinforced concrete structures and various armored targets. Built up with assorted componentry, the bombs can also be employed as Joint Direct Attack Munitions or Laser Guided Bombs.

This program leverages Digital acquisition tenets of open, agile, and digital. Invests in analytical, information management, data management, digital environments, networks, facilities, and security infrastructure upgrades directly supporting development and sustainment of this program's capabilities, while leveraging DoD and DAF enterprise IT solutions.

The USAF Practice Bombs budget has been consistently underfunded to replenish annual expenditures and to be able to support HAF/A4 training requirements. The FY2024 budget submission was calculated to provide enough funding to replace the average annual expenditures for the BDU-56, BDU-50, and BDU-33 non-explosive training bombs and also MK4 Mod 3 and CXU-3A/B Signal Cartridges to provide combat air forces with weapons build-up and aircrew weapons delivery training. These practice bombs simulate drop trajectory and weight of explosive-filled weapons. If the Practice Bombs budget continues to be reduced/cut then inventory levels will drop below inventory objectives within the FYDP. BDU-56s and MK4 Mod 3 signal cartridges are currently below inventory objectives.

The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel (WRM) Munitions and test and training stockpiles. Active, Guard and Reserve components draw from the WRM stockpiles as required and receive test and training allocations annually based on current-year requirements.

Procurement/Replenishment is required to maintain readiness objectives and worldwide war reserve materiel (WRM) stockpiles to support requirements for penetrator bombs, low collateral damage bombs, and multiple precision guided bomb configurations as determined by the non-nuclear consumables annual analysis (NCAA), to execute DoD approved combat plans and training requirements.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F / 01 / 13	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs	**Aggregated Items Title:** 500LB GP Bomb Variants

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
500 LB Variants																				
(ED15) BLU-111 500LB GP BOMB	A		-	-	-	0.005	2,000	10.000	-	-	-	-	-	-	-	-	-	-	-	-
(485) MK-82 500LB GP BOMB, Tritonal	A		-	-	-	0.005	4,800	24.000	-	-	-	-	-	-	-	-	-	-	-	-
BLU-140 500LB Penetrator	A		-	-	-	0.051	906	46.200	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 500 LB Variants			**-**	**-**	**-**	**-**	**-**	***80.200***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**-**	**-**	**-**	**80.200**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:
BLU-140 (formally known as BLU-111 ECP) AUR unit cost for FY22 is 52,282 per bomb; FY23 is 53,686 per bomb.
BLU-140 (formally known as BLU-111 ECP) AUR has other government costs which make up the delta in the funding line.

Program Support Costs (PSC) Other Government Costs: Travel, Government Purchase Card (GPC), Program Support Personnel.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F / 01 / 13	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs	**Aggregated Items Title:** (ED78) BLU-129/B 500LB BOMB

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Uncategorized																				
BLU-129	A		-	-	-	0.040	250	10.000	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			**-**	**-**	**-**	**-**	**-**	***10.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**-**	**-**	**-**	**10.000**	**-**	**-**	**0.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:

BLU-129/B Composite Case Warhead - carbon fiber composite case for high near-field lethality to deliver 3x reduction in collateral damage.

Program Support Costs (PSC) Other Government Costs: Travel, Government Purchase Card (GPC), Program Support Personnel.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F / 01 / 13	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs	**Aggregated Items Title:** (EE59) BLU-137/A2K

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Hardware																				
BLU-137/A2K	A		-	-	-	-	-	1.500	0.057	105	6.000	-	-	-	-	-	-	-	-	-
Subtotal: Hardware			**-**	**-**	**-**	**-**	**-**	***1.500***	**-**	**-**	***6.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**-**	**-**	**-**	**1.500**	**-**	**-**	**6.000**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:
A2K actual AUR unit cost for FY22 is 56,319; FY23 is 57,346; and for FY24 is 58,404 per bomb.
A2K has other government costs which make up the delta in the funding line.

Program Support Costs (PSC) Other Government Costs: Travel, Government Purchase Card (GPC), Program Support Personnel.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F / 01 / 13	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs	**Aggregated Items Title:** A5K (GBU-72)

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Uncategorized																				
BLU-138/A5K	A		-	-	-	-	-	16.333	0.331	80	26.500	0.354	80	28.300	-	-	-	0.354	80	28.300
Subtotal: Uncategorized			**-**	**-**	**-**	**-**	**-**	***16.333***	**-**	**-**	***26.500***	**-**	**-**	***28.300***	**-**	**-**	**-**	**-**	**-**	***28.300***
Total			**-**	**-**	**-**	**-**	**-**	**16.333**	**-**	**-**	**26.500**	**-**	**-**	**28.300**	**-**	**-**	**-**	**-**	**-**	**28.300**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:

BLU-138 AUR unit cost for FY22 is 202,981 per bomb; FY23 is 207,951 per bomb, and for FY24 is 213,534 per bomb. A5K has other Government costs which make up the delta in the funding line.

Program Support Costs (PSC) Other Government Costs: Travel, Government Purchase Card (GPC), Program Support Personnel.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F / 01 / 13	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs	**Aggregated Items Title:** BLU-136/B 2000LB GP BOMB

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Uncategorized																				
BLU-136/B, 2,000 lb.	A		-	-	-	0.044	627	27.600	0.042	1,000	41.500	0.047	750	35.000	-	-	-	0.047	750	35.000
Subtotal: Uncategorized			**-**	**-**	**-**	**-**	**-**	***27.600***	**-**	**-**	***41.500***	**-**	**-**	***35.000***	**-**	**-**	**-**	**-**	**-**	***35.000***
Total			**-**	**-**	**-**	**-**	**-**	**27.600**	**-**	**-**	**41.500**	**-**	**-**	**35.000**	**-**	**-**	**-**	**-**	**-**	**35.000**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:
Next Generation Area Attack Weapons (NGAAWs) are a family of unitary area attack weapons which meet the DoD policy on cluster munitions. It consists of the BLU-134/B and BLU-136/B warheads with a cockpit-selectable height of burst sensor.

BLU-136/B, NGAAW Increment II, is a 2,000lb area attack warhead which, augmented by the BLU-134/B, provides for significant improvement of lethality against personnel and materiel targets while meeting the DoD policy on cluster munitions.

BLU-136/B unit cost for FY22 is 44,334 per bomb; FY23 is 44,186 per bomb, and for FY24 is 43,610 per bomb.
BLU-136/B has other government costs which make up the Delta in the funding line.

FY22 amount reflects a 15.589M reduction in the FY22 Appropriations Act.

Program Support Costs (PSC) Other Government Costs: Travel, Government Purchase Card (GPC), Program Support Personnel.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F / 01 / 13	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs	**Aggregated Items Title:** GENERAL PURPOSE BOMBS (ITEMS LESS THAN $5 MILLION)

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Uncategorized																				
Bomb Pipe Buy	A		-	-	-	-	-	6.000	-	-	12.500	-	-	0.000	-	-	-	-	-	0.000
BOMB FUZE PROTECTION ASSEMBLY (ED67)	A		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Energetics	A		-	-	-	-	-	0.900	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
China lake engineering support	A		-	-	-	-	-	1.520	-	-	0.000	-	-	1.000	-	-	-	-	-	1.000
MK84 FIN ASSEMBLY (F607)	A		-	-	-	-	-	0.000	-	-	1.000	-	-	1.000	-	-	-	-	-	1.000
FIN ASSY BSU-33B/ B (EE10)	A		-	-	-	-	-	0.000	-	-	1.500	-	-	1.500	-	-	-	-	-	1.500
IM	A		-	-	-	-	-	4.900	-	-	3.300	-	-	1.500	-	-	-	-	-	1.500
LWIP	A		-	-	-	-	-	3.100	-	-	3.000	-	-	1.900	-	-	-	-	-	1.900
WEAPS/IMEA	A		-	-	-	-	-	2.900	-	-	2.700	-	-	2.700	-	-	-	-	-	2.700
DOTC	A		-	-	-	-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
First Destination Transportation Costs	A		-	-	-	-	-	3.000	-	-	0.800	-	-	1.000	-	-	-	-	-	1.000
Support Cups	A		-	-	-	-	-	0.000	-	-	0.500	-	-	0.500	-	-	-	-	-	0.500
Nose Plugs	A		-	-	-	-	-	0.000	-	-	0.500	-	-	0.500	-	-	-	-	-	0.500
Lugs	A		-	-	-	-	-	-	-	-	1.000	-	-	1.500	-	-	-	-	-	1.500
PMA OTHER GOVERNMENT COSTS	A		-	-	-	-	-	3.023	-	-	1.500	-	-	2.500	-	-	-	-	-	2.500
Subtotal: Uncategorized			**-**	**-**	**-**	**-**	**-**	***25.343***	**-**	**-**	***28.300***	**-**	**-**	***15.600***	**-**	**-**	**-**	**-**	**-**	***15.600***
Total			**-**	**-**	**-**	**-**	**-**	**25.343**	**-**	**-**	**28.300**	**-**	**-**	**15.600**	**-**	**-**	**-**	**-**	**-**	**15.600**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:
Program Support Costs (PSC) Other Government Costs: Travel, Government Purchase Card (GPC), Program Support Personnel.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2024 Air Force		Date: March 2023
Appropriation / Budget Activity / Budget Sub Activity: 3011F / 01 / 13	**P-1 Line Item Number / Title:** 353020 / General Purpose Bombs	**Aggregated Items Title:** PRACTICE BOMBS

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2022			FY 2023			FY 2024 Base			FY 2024 OCO			FY 2024 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
hardware																				
(ED96) BDU-56D/B	A		-	-	-	-	-	-	-	-	8.642	-	-	22.000	-	-	-	-	-	22.000
(E756) BDU-50/B	A		-	-	-	-	-	-	-	-	34.500	-	-	37.718	-	-	-	-	-	37.718
(F262) MK-84 Inert Prac Bomb	A		-	-	-	-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
(E969) BDU-33	A		-	-	-	-	-	-	-	-	0.900	-	-	1.500	-	-	-	-	-	1.500
(F562) MK 4 MOD 3 Signal Cart	A		-	-	-	-	-	-	-	-	0.750	-	-	1.000	-	-	-	-	-	1.000
(F470) CXU-3A/B Signal Cart	A		-	-	-	-	-	-	-	-	1.010	-	-	1.000	-	-	-	-	-	1.000
FDT	A		-	-	-	-	-	-	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Subtotal: hardware			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***45.802***	**-**	**-**	***63.218***	**-**	**-**	**-**	**-**	**-**	***63.218***
Total			**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**45.802**	**-**	**-**	**63.218**	**-**	**-**	**-**	**-**	**-**	**63.218**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Remarks:
Program Support Costs (PSC) Other Government Costs: Travel, Government Purchase Card (GPC), Program Support Personnel.

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