

UNCLASSIFIED

**Department of Defense  
Fiscal Year (FY) 2014 Amended Budget Estimates**

May 2013



**Air Force**

*Justification Book Volume 1 of 1*

***Procurement of Ammunition, Air Force***

UNCLASSIFIED

**UNCLASSIFIED**

**THIS PAGE INTENTIONALLY LEFT BLANK**

**UNCLASSIFIED**

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement

**Volume 1 Table of Contents**

**Line Item Table of Contents (by Appropriation then Line Number)..... Volume 1 - iii**  
**Line Item Table of Contents (Alphabetically by Line Item Title)..... Volume 1 - v**  
**Exhibit P-40's..... Volume 1 - 1**

**UNCLASSIFIED**

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement

**Line Item Table of Contents (by Appropriation then Line Number)**

***Appropriation 3011F: Procurement of Ammunition, Air Force***

---

<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Line Item Number</b>	<b>Line Item Title</b>	<b>Page</b>
1	01	11	351010	Rockets.....	Volume 1 - 1
2	01	12	352010	Cartridges.....	Volume 1 - 9
4	01	13	353020	General Purpose Bombs.....	Volume 1 - 41
5	01	13	353620	JOINT DIRECT ATTACK MUNITION.....	Volume 1 - 63
11	01	15	356010	Flares.....	Volume 1 - 75
12(13)	01	16	356120	Fuzes.....	Volume 1 - 89

***Appropriation 3011F: Procurement of Ammunition, Air Force***

---

<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Line Item Number</b>	<b>Line Item Title</b>	<b>Page</b>
14	02	01	357010	Small Arms.....	Volume 1 - 101

**UNCLASSIFIED**

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

**UNCLASSIFIED**

Air Force • Amended Budget Estimates FY 2014 • Procurement

**Line Item Table of Contents (Alphabetically by Line Item Title)**

<b>Line Item Title</b>	<b>Line Item Number</b>	<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Page</b>
Cartridges	352010	2	01	12.....	Volume 1 - 9
Flares	356010	11	01	15.....	Volume 1 - 75
Fuzes	356120	12(13)	01	16.....	Volume 1 - 89
General Purpose Bombs	353020	4	01	13.....	Volume 1 - 41
JOINT DIRECT ATTACK MUNITION	353620	5	01	13.....	Volume 1 - 63
Rockets	351010	1	01	11.....	Volume 1 - 1
Small Arms	357010	14	02	01.....	Volume 1 - 101

**UNCLASSIFIED**

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED



**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force** **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 11: Rockets	<b>P-1 Line Item Nomenclature:</b> 351010 - Rockets
--	--

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
---	---	--

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	24.248	8.927	15.735	0.326	16.061	4.745	22.348	13.385	13.626	-	103.340
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	24.248	8.927	15.735	0.326	16.061	4.745	22.348	13.385	13.626	-	103.340
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>24.248</b>	<b>8.927</b>	<b>15.735</b>	<b>0.326</b>	<b>16.061</b>	<b>4.745</b>	<b>22.348</b>	<b>13.385</b>	<b>13.626</b>	-	<b>103.340</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

**Description:**

FY2012 funding includes \$0.329M of requested Overseas Contingency Operations supplemental funding.

The Air Force primarily uses rockets to mark target locations for other aircraft during combat and training operations. Rockets constitute the primary target marking munition used by forward air control aircraft, which launch this munition from reusable pods carried on aircraft pylons. The 2.75-inch diameter rocket with folding fins utilizes high explosive, white phosphorous, or target practice warheads, and is fired from either high or low speed aircraft.

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.

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

- 2.75 Inch Rocket Motor (HA07): A single-stage, solid grained rocket motor used to propel 2.75 Inch Illum Warhead (H812), 2.75 Inch Rocket Flares (HA06), 2.75 Inch WP Warhead (H855), and 2.75 Inch Signature Practice Warhead (H872) to their targets. The 2.75 Inch Rocket is used primarily to mark target locations for other aircraft. This item is procured by OO-ALC through the U.S. Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama. FY2012 funding totals include \$0.182 appropriated for Overseas Contingency Operations.

- 2.75 Inch White Phosphorus Warhead (H855): Used with the 2.75 inch Rocket Motor (HA07), provides forward air control aircraft with target locations from a standoff distance in a hostile environment. This item is procured by OO-ALC through the U.S. Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama. FY2012 funding totals include \$0.128 appropriated for Overseas Contingency Operations.

- Items Less Than Five Million Dollars: All items have an annual procurement value of less than \$5,000,000 and are Code A. These items are procured by OO-ALC through the U.S Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama. FY2012 funding totals include \$0.019 requested for Overseas Contingency Operations supplemental funding.

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 11: Rockets **P-1 Line Item Nomenclature:** 351010 - Rockets

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

**MDAP/MAIS Code(s):**

PEs associated with this P-1 Line are 0207599F and 0208030F.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		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)
(H855) 2.75 IN WHD, WP SMOKE	P5, P5A				-		5.754			-			7.997			0.117			8.114	
(HA07) 2.75 IN ROCKET MOTOR	P5, P5A				-		15.342			8.927			7.738			0.209			7.947	
ROCKETS (ITEMS LESS THAN \$5 MILLION)	P40A				-		3.152			-			-			-			-	
<b>Total Gross/Weapon System Cost</b>					-		<b>24.248</b>			<b>8.927</b>			<b>15.735</b>			<b>0.326</b>			<b>16.061</b>	

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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

**Justification:**

Items requested in FY2014 are identified on the following P-5 or P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

FY2014 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 11: Rockets	<b>P-1 Line Item Nomenclature:</b> 351010 - Rockets	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (H855) 2.75 IN WHD, WP SMOKE

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	14,280	-	18,822	281	19,103
Gross/Weapon System Cost (\$ in Millions)	-	5.754	-	7.997	0.117	8.114
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	5.754	-	7.997	0.117	8.114
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>5.754</b>	-	<b>7.997</b>	<b>0.117</b>	<b>8.114</b>

*(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 (Units in Dollars)	-	402.94	-	424.88	416.37	424.75

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† 2.75 WARHEAD WP SMOKE - H855 (1)	A	-	-	-	388.96	14,280	5.554	-	-	-	416.00	18,822	7.830	416.00	281	0.117	416.01	19,103	7.947
<b>Total Recurring Cost</b>							5.554						7.830			0.117			7.947
<b>Total Hardware Cost</b>							5.554						7.830			0.117			7.947
Support Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.200	-	-	-	-	-	0.167	-	-	-	-	-	0.167
<b>Total Support Cost</b>							0.200						0.167			-			0.167
<b>Gross Weapon System Cost</b>							<b>5.754</b>						<b>7.997</b>			<b>0.117</b>			<b>8.114</b>

**P-5 Remarks:**

Unit prices are provided by the Joint Attack Munitions Systems (JAMS) Program Office, Dept of Army. Prices shown represent the efforts to produce items for the DoD Military Services and other customers purchasing the same or similar items, and to provide technical support and surveillance of the Air Force order. Unit price variances among current and prior fiscal years are due to the total customer orders per ordering period. Costs, including overhead and production engineering are developed using a total volume matrix, with high, medium and low total quantity ranges. Other cost drivers include complex or scarce materials such as white phosphorous.

**Footnotes:**

(1) FY2012 unit price is the average of 2 contracts (for FY12 Base and FY12 OCO funding). The quantity is the total to be received from both contracts. FY2014 unit price is an estimate from the Army Program Office based on cost analysis.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 11: Rockets	<b>P-1 Line Item Nomenclature:</b> 351010 - Rockets	<b>Item Nomenclature:</b> (H855) 2.75 IN WHD, WP SMOKE
---	--	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.75 WARHEAD WP SMOKE - H855		2012 <sup>(2)</sup>	GENERAL DYNAMICS ARMAMENT / BURLINGTON, VT	MIPR	AFMC/ OO-ALC	Mar 2012	Mar 2014	14,280	388.96	Y		
2.75 WARHEAD WP SMOKE - H855		2014 <sup>(3)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2016	18,822	416.00	Y		
2.75 WARHEAD WP SMOKE - H855	✓	2014 <sup>(4)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2016	281	416.00	Y		

**Remarks:**  
The Joint Attack Munitions Systems (JAMS) Program Office, Dept of Army purchases 2.75 Rockets, Warheads, Motors and related items for the Air Force. The contracting activities and production schedules shown represent the JAMS' efforts to produce the Air Force order, and facilitate reliable delivery schedules of a production line used to produce other munitions type items and shared among Air Force, other DoD and Foreign Military Sales(FMS) customers.

**Footnotes:**  
<sup>(2)</sup> FY2012 will be an option of the FY10 basic contract.  
<sup>(3)</sup> FY2014 procurement will be executed on a new basic contract, administered by the Army. Number of ordering periods will be based on other customer orders.  
<sup>(4)</sup> FY2014 OCO procurement will be on order off the new FY2014 Basic Contract.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 11: Rockets	<b>P-1 Line Item Nomenclature:</b> 351010 - Rockets	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (HA07) 2.75 IN ROCKET MOTOR

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	17,144	11,161	8,539	235	8,774
Gross/Weapon System Cost (\$ in Millions)	-	15.342	8.927	7.738	0.209	7.947
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	15.342	8.927	7.738	0.209	7.947
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>15.342</b>	<b>8.927</b>	<b>7.738</b>	<b>0.209</b>	<b>7.947</b>

*(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 (Units in Dollars)	-	894.89	799.84	906.20	889.36	905.74

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† 2.75 ROCKET MOTOR MK66 MOD 2 - HA07 <sup>(5)</sup>	A	-	-	-	885.00	17,144	15.172	776.00	11,161	8.661	890.00	8,539	7.600	890.00	235	0.209	889.98	8,774	7.809
<i>Total Recurring Cost</i>							15.172			8.661			7.600			0.209			7.809
<i>Total Hardware Cost</i>							15.172			8.661			7.600			0.209			7.809
Support Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.170	-	-	0.266	-	-	0.138	-	-	-	-	-	0.138
<i>Total Support Cost</i>							0.170			0.266			0.138			-			0.138
<b>Gross Weapon System Cost</b>							<b>15.342</b>			<b>8.927</b>			<b>7.738</b>			<b>0.209</b>			<b>7.947</b>

**P-5 Remarks:**

Unit prices are provided by the Joint Attack Munitions Systems (JAMS) Program Office, Dept of Army. Prices shown represent the efforts to produce items for the DoD Military Services and other customers purchasing the same or similar items, and to provide technical support and surveillance of the Air Force order. Unit price variances among current and prior fiscal years are due to the total customer orders, (typically, Army, Navy and Foreign Military Sales), per ordering period. Costs, including overhead and production engineering, are developed using a total volume matrix, with high, medium and low total quantity ranges.

**Footnotes:**

<sup>(5)</sup> Reference footnote (1)

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 11: Rockets	<b>P-1 Line Item Nomenclature:</b> 351010 - Rockets	<b>Item Nomenclature:</b> (HA07) 2.75 IN ROCKET MOTOR
---	--	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.75 ROCKET MOTOR MK66 MOD 2 - HA07		2012 <sup>(6)</sup>	ARMY/GDATP / CAMDEN, AK	MIPR	AFMC/ OO-ALC	Mar 2012	Oct 2013	17,144	885.00	Y		
2.75 ROCKET MOTOR MK66 MOD 2 - HA07		2013 <sup>(7)</sup>	ARMY/GDATP / CAMDEN, AK	MIPR	AFMC/ OO-ALC	Mar 2013	Oct 2014	11,161	776.00	Y		
2.75 ROCKET MOTOR MK66 MOD 2 - HA07		2014 <sup>(8)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	8,539	890.00	Y		
2.75 ROCKET MOTOR MK66 MOD 2 - HA07	✓	2014 <sup>(9)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	235	890.00	Y		

**Remarks:**  
The Joint Attack Munitions Systems (JAMS) Program Office, Dept of Army purchases 2.75 Rockets, Warheads, Motors and related items for the Air Force. The contracting activities and production schedules shown represent the JAMS' efforts to produce the Air Force order, and facilitate reliable delivery schedules of a production line used to produce other munitions type items and shared among Air Force, other DoD and Foreign Military Sales(FMS) customers

- Footnotes:**
- <sup>(6)</sup> FY2012 procurement is an order off the FY2011 IDIQ contract. Production leadtime is based on the historic average for AF orders. The production line is shared with other DoD Services and other product lines.
  - <sup>(7)</sup> FY2013 procurement is an order off the FY2011 IDIQ contract.
  - <sup>(8)</sup> FY2014 procurement will be executed on a new IDIQ basic contract with at least 3 ordering periods.
  - <sup>(9)</sup> FY14 OCO procurement will be an order off the FY2014 Basic contract.

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force															<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 11: Rockets					<b>P-1 Line Item Nomenclature:</b> 351010 - Rockets					<b>Aggregated Item Name:</b> ROCKETS (ITEMS LESS THAN \$5 MILLION)									

Items	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>Uncategorized</b>																				
(H149) LAUNCHER, LAU-131A	A		-	-	-	904.76	21	0.019	-	-	-	-	-	-	-	-	-	-	-	-
(H812) WARHEAD, 2.75 ILLUMINATION M257	A		-	-	-	1,501.92	2,086	3.133	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>					-			<b>3.152</b>												

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED



**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force** **Date: May 2013**

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges
---	---

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
---	---	--

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	97.785	131.667	129.921	17.634	147.555	135.902	151.381	138.608	136.104	-	939.002
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	97.785	131.667	129.921	17.634	147.555	135.902	151.381	138.608	136.104	-	939.002
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>97.785</b>	<b>131.667</b>	<b>129.921</b>	<b>17.634</b>	<b>147.555</b>	<b>135.902</b>	<b>151.381</b>	<b>138.608</b>	<b>136.104</b>	-	<b>939.002</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

**Description:**

FY2012 funding includes \$8.014M appropriated for Overseas Contingency Operations.

FY2013 funding includes \$13.592M appropriated for Overseas Contingency Operations.

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

- 5.56MM Ball M855 (A059): This is the primary combat round used in the M16A2 and M4 rifles, against personnel and unarmored targets. Air Force procures this item through the Single Manager for Conventional Ammunition (SMCA), Department of the Army.
- 5.56MM Frangible (AA40): This is the primary training round for the Air Force and consists of a lead-free small rifle primer in a brass cartridge case. These cartridges are more environmentally friendly than standard 5.56MM ball cartridges. The case is made of reusable/recyclable brass, which is the same as 5.56MM ball ammunition. The 5.56MM frangible cartridges are used in M16-series rifles, which include M4 rifles. The Air Force procures this item through the Navy.
- 7.62MM Ball Linked M80 (A143): The M240 Machine Gun requires this linked round, used against personnel and unarmored targets. Air Force procures this item through the Single Manager for Conventional Ammunition (SMCA), Department of the Army.
- 20MM PGU-28A/B (AA22): The M61 gun system applicable to the F-15 and F-16 aircraft gun system requires this round for air-to-air and air-to-ground targets. Both the Air Force and Navy use this ammunition for combat only. Air Force procures 20MM through the Single Manager for Conventional Ammunition (SMCA), Department of the Army.
- 20MM Target Practice (TP) Round PGU-27A/B (AA24): This round is used for air-to-air and air-to-ground training in the M61 aircraft gun on F-15, F-16 and F-22A aircraft. The Air Force procures various links, linking methods and mixtures of target practice and target practice tracer ammunition depending on the specific requirement of the system and the training program. The cartridge is electrically primed

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges
---	---

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
---	---	--

**MDAP/MAIS Code(s):**

and has no fuze. The projectile is a solid slug sized to match the ballistics of the 20MM combat round. 20MM is the primary ammunition used in Air Force and Navy aircraft gun systems to provide a training capability to complement the PGU-28 high explosive incendiary combat round and ensure training is consistent with combat operations. Air Force procures 20MM through the Army Single Manager for Conventional Ammunition (SMCA), Department of the Army and engineering support from the Navy.

- 25MM TP, PGU-23/U (A978): 25MM PGU-23 is a target practice round used in the GAU-12/A gun systems applicable to the F-35 and AC-130/U aircraft. The round is also a kinetic energy combat round used to limit collateral damage potential. Air Force procures 25MM through the Single Manager for Conventional Ammunition (SMCA), Department of the Army.
- 30MM PGU-13 Remanufactured (AB22): PGU-13 is a High Explosive Incendiary (HEI) round that contains an M505A3 fuse and explosive material for use against light armor and personnel. DODIC AB22 represents the PGU-13s remanufactured with the recovered projectiles from expired PGU-13 cartridges. Recovering projectiles when the material becomes available is more cost effective than purchasing new projectiles or new rounds and this method offsets a portion of the stockpile replenishment requirement. Air Force purchases remanufactured rounds from the Army.
- 30MM HEI PGU-13/B Round (B104): This is a High Explosive Incendiary (HEI) round for the GAU-8/A cannon on the A-10 aircraft. It contains an explosive material for use against light armor and personnel. Air Force procures 30MM from the Single Manager for Conventional Ammunition (SMCA), Department of the Army.
- 30MM Target Practice (TP) Cartridge PGU-15/B (B116): A solid, inert projectile used to train aircrew in the use of the GAU-8/A cannon on the A-10 aircraft. The cartridge is mechanically primed and has no fuze, while the projectile is a solid slug designed to match the ballistics of high explosive incendiary and armor piercing incendiary cartridges. Air Force procures 30MM from the Single Manager for Conventional Ammunition (SMCA), Department of the Army.
- BBU-63/B Impulse Cartridge (SS44): The BBU-63 is an aircraft impulse cartridge used to eject stores from the BRU-44 Bomb Rack. Used exclusively by the USAF, primarily applicable to the B2 Bomber. Air Force procures the BBU-63 through OO-ALC.
- Items Less Than Five Million Dollars: All items have an annual procurement of less than \$5,000,000 and are Code A.

Funding for this exhibit contained in PEs: 0207580F, 0207599F, 0208015F and 0208030F.

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	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)
(A059) 5.56MM BALL, M855	P5, P5A				-			-			-			5.000			-			5.000
(A143) 7.62MM BALL LINKED (M80)	P5, P5A				-			-			-			8.000			-			8.000
(A978) CTG, 25MM, TP (PGU-23/U)	P5, P5A				-			-			-			8.000			-			8.000
(AA22) 20MM PGU-28A/B SEMI-AP, HEI	P5, P5A				0.000			5.840			13.482			12.858			0.763			13.621
(AA24) 20MM, TP PGU-27A/B	P5, P5A				-			4.779			10.275			11.585			-			11.585

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges **P-1 Line Item Nomenclature:** 352010 - Cartridges

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

**MDAP/MAIS Code(s):**

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		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)
(AA40) 5.56MM, FRANGIBLE	P40A, P5A			-			6.100			10.000			10.000			-			10.000	
(AB22) 30MM, PGU-13, REMAN	P5, P5A			-			-			-			6.250			-			6.250	
(B104) 30MM, PGU-13/B, HEI	P5, P5A			-			12.252			9.795			10.406			5.028			15.434	
(B116) 30MM PGU-15/B, TP	P5, P5A			-			6.553			5.832			8.745			-			8.745	
(SS44) BBU-63/B, IMPULSE CART	P40A, P5A			-			-			-			1.000			9.639			10.639	
CARTRIDGES (ITEMS LESS THAN \$5 MILLION)	P40A			-			62.261			82.283			48.077			2.204			50.281	
<b>Total Gross/Weapon System Cost</b>				-			<b>97.785</b>			<b>131.667</b>			<b>129.921</b>			<b>17.634</b>			<b>147.555</b>	

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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

**Justification:**  
 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.  
  
 FY2014 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.  
  
 Items requested in FY2014 are identified on the following P-5 or P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (A059) 5.56MM BALL, M855

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	-	-	20,605,390	-	20,605,390
Gross/Weapon System Cost (\$ in Millions)	-	-	-	5.000	-	5.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	5.000	-	5.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	-	<b>5.000</b>	-	<b>5.000</b>

*(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 (Units in Dollars)	-	-	-	0.24	-	0.24

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† LOAD, ASSEMBLE, PACK	A	-	-	-	-	-	-	-	-	0.22	20,605,390	4.533	-	-	-	0.22	20,605,390	4.533	
† BOX, METAL M2A2	A	-	-	-	-	-	-	-	-	12.70	24,946	0.317	-	-	-	12.70	24,946	0.317	
<b>Total Recurring Cost</b>				-			-					4.850			-			4.850	
<b>Total Hardware Cost</b>				-			-					4.850			-			4.850	
Support Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	0.150	
QUALITY ASSURANCE		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ACCEPTANCE TESTING		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Support Cost</b>				0.000			-					0.150			-			0.150	
<b>Gross Weapon System Cost</b>				-			-					5.000			-			5.000	

**P-5 Remarks:**

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army. Prices shown represent the SMCA efforts to obtain containers, pallets, explosive material, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack the Air Force order. Cost drivers may include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases).

The load, assemble and pack quantity is the number of completed rounds to be delivered into the AF inventory.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature:</b> (A059) 5.56MM BALL, M855
--	---	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Oct 2014	20,605,390	0.22	Y		
BOX, METAL M2A2		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Jun 2014	24,946	12.70	Y		

**Remarks:**  
The Air Force purchases 5.56MM BALL, DODIC A059 through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (A143) 7.62MM BALL LINKED (M80)

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	-	-	14,220,963	-	14,220,963
Gross/Weapon System Cost (\$ in Millions)	-	-	-	8.000	-	8.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	8.000	-	8.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	-	<b>8.000</b>	-	<b>8.000</b>

*(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 (Units in Dollars)	-	-	-	0.56	-	0.56

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† 7.62MM M80 BALL, FLASH SUPPRESSED PROPELLANT	A	-	-	-	-	-	-	-	-	-	0.52	14,220,963	7.395	-	-	-	0.52	14,220,963	7.395
<b>Total Recurring Cost</b>				-			-			-			7.395			-			7.395
<b>Total Hardware Cost</b>				-			-			-			7.395			-			7.395
Support Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	-	-	-	-	-	-	0.500	-	-	-	-	-	0.500
ACCEPTANCE TESTING		-	-	-	-	-	-	-	-	-	-	-	0.098	-	-	-	-	-	0.098
QUALITY ASSURANCE		-	-	-	-	-	-	-	-	-	-	-	0.007	-	-	-	-	-	0.007
<b>Total Support Cost</b>				-			-			-			0.605			-			0.605
<b>Gross Weapon System Cost</b>				-			-			-			<b>8.000</b>			-			<b>8.000</b>

**P-5 Remarks:**

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army. Prices shown represent the SMCA efforts to obtain hardware, containers, pallets, straps, explosive material, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack the Air Force order. Cost drivers may include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases).

The load, assemble and pack quantity is the number of completed rounds to be delivered into the AF inventory.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature:</b> (A143) 7.62MM BALL LINKED (M80)
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
7.62MM M80 BALL, FLASH SUPPRESSED PROPELLANT		2014	ALLIANT TECH DBA LAKE CITY AMO DIV / INDEPENDENCE, MO	MIPR	AFMC/ OO-ALC	Mar 2014	Oct 2014	14,220,963	0.52	Y		

**Remarks:**  
The Air Force purchases 7.62MM, DODIC A143 through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. Through FY2014 the Load, Assemble, Pack contract is Sole Source, FFP to Alliant Tech at Lake City, Ammo Division, Independence Missouri.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (A978) CTG, 25MM, TP (PGU-23/U)

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	-	-	310,242	-	310,242
Gross/Weapon System Cost (\$ in Millions)	-	-	-	8.000	-	8.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	8.000	-	8.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	-	<b>8.000</b>	-	<b>8.000</b>

*(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 (Units in Dollars)	-	-	-	25.79	-	25.79

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† LOAD, ASSEMBLE, PACK	A	-	-	-	-	-	-	-	-	-	25.24	310,242	7.831	-	-	-	25.24	310,242	7.831
† PALLET MK3-0	A	-	-	-	-	-	-	-	-	-	238.65	166	0.040	-	-	-	238.65	166	0.040
<b>Total Recurring Cost</b>				-			-			-			7.871			-			7.871
<b>Total Hardware Cost</b>				-			-			-			7.871			-			7.871
Support Cost																			
ACCEPTANCE TESTING		-	-	-	-	-	-	-	-	-	-	-	0.052	-	-	-	-	-	0.052
QUALITY ASSURANCE		-	-	-	-	-	-	-	-	-	-	-	0.006	-	-	-	-	-	0.006
FIRST ARTICLE TEST		-	-	-	-	-	-	-	-	-	-	-	0.072	-	-	-	-	-	0.072
<b>Total Support Cost</b>				-			-			-			0.130			-			0.130
<b>Gross Weapon System Cost</b>				-			-			-			8.000			-			8.000

**P-5 Remarks:**

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army. Prices shown represent the SMCA efforts to obtain containers, pallets, explosive material, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack the Air Force order. Cost drivers may include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases).

The load, assemble and pack quantity is the number of completed rounds to be delivered into the AF inventory.



**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature:</b> (A978) CTG, 25MM, TP (PGU-23/U)
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	May 2015	310,242	25.24	Y		
PALLET MK3-0		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	166	238.65	Y		

**Remarks:**  
The Air Force purchases 25MM PGU-28, DODIC A978 through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (AA22) 20MM PGU-28A/B SEMI-AP, HEI

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total
Procurement Quantity (Units in Each)	0	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	5.840	13.482	12.858	0.763	13.621
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	5.840	13.482	12.858	0.763	13.621
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>0.000</b>	<b>5.840</b>	<b>13.482</b>	<b>12.858</b>	<b>0.763</b>	<b>13.621</b>

*(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 (Units in Dollars)	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	
Hardware Cost																				
Recurring Cost																				
† LOAD, ASSEMBLE, PACK	A	-	-	-	20.94	271,794	5.691	24.01	540,567	12.979	24.00	519,371	12.465	24.00	31,464	0.755	24.00	550,835	13.220	
† BOX, METAL M548	A	-	-	-	31.53	1,114	0.035	39.17	2,221	0.087	42.00	2,128	0.089	42.00	129	0.005	42.00	2,257	0.095	
† PALLET MK3-0	A	-	-	-	209.00	54	0.011	212.96	108	0.023	240.00	103	0.025	240.00	6	0.001	240.00	109	0.026	
<i>Total Recurring Cost</i>							5.737			13.089			12.579			0.761			13.341	
<i>Total Hardware Cost</i>							5.737			13.089			12.579			0.761			13.341	
Support Cost																				
QUALITY ASSURANCE		-	-	-	-	-	0.008	-	-	0.011	-	-	0.004	-	-	0.001	-	-	0.005	
FIRST ARTICLE TESTING		-	-	-	-	-	0.093	-	-	0.378	-	-	0.269	-	-	-	-	-	0.269	
QUALITY ASSURANCE TEST - MK3 PALLETS		-	-	-	-	-	-	-	-	-	-	-	0.003	-	-	-	-	-	0.003	
PACKAGING, CRATING, HANDLING (PC&H)		-	-	-	-	-	0.001	-	-	0.004	-	-	0.003	-	-	-	-	-	0.003	
<i>Total Support Cost</i>							0.102			0.393			0.279			0.001			0.280	
<b>Gross Weapon System Cost</b>							<b>0.000</b>			<b>5.840</b>			<b>13.482</b>			<b>12.858</b>			<b>0.763</b>	<b>13.621</b>

**P-5 Remarks:**

UNCLASSIFIED

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (AA22) 20MM PGU-28A/B SEMI-AP, HEI

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army. Prices shown represent the SMCA efforts to obtain containers, pallets, explosive material, lugs, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack the Air Force order. Cost drivers may include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases).

Load, Assemble and Pack (LAP) costs are applicable to production, build-up and packing/boxing the ammunition rounds. The LAP quantity is the number of completed rounds to be delivered into the AF inventory.

Packaging, Crating and Handling (PC&H) cost is associated with transferring the completed order from production to the first destination.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature:</b> (AA22) 20MM PGU-28A/B SEMI-AP, HEI
--	---	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK		2012	GDOTS & ALIANT TECH / MARION, IL & PLYMOUTH, MN	MIPR	AFMC/ OO-ALC	Aug 2012	Jan 2014	271,794	20.94	Y		
LOAD, ASSEMBLE, PACK		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Aug 2013	Jan 2015	540,567	24.01	Y		
LOAD, ASSEMBLE, PACK		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Aug 2014	Jan 2016	519,371	24.00	Y		
LOAD, ASSEMBLE, PACK	✓	2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Aug 2014	Jan 2016	31,464	24.00	Y		
BOX, METAL M548		2012	CONCO INC. / LOUISVILLE, KY	MIPR	AFMC/ OO-ALC	Aug 2012	Jan 2013	1,114	31.53	Y		
BOX, METAL M548		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Aug 2013	Jan 2014	2,221	39.17	Y		
BOX, METAL M548		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Aug 2014	Jan 2015	2,128	42.00	Y		
BOX, METAL M548	✓	2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Aug 2014	Jan 2015	129	42.00	Y		
PALLET MK3-0		2012	MODULAR CONTAINER SYSTEMS INC. / LAVONIA, GA	MIPR	AFMC/ OO-ALC	Sep 2012	Feb 2013	54	209.00	Y		
PALLET MK3-0		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Sep 2013	Feb 2014	108	212.96	Y		
PALLET MK3-0		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Sep 2014	Feb 2015	103	240.00	Y		
PALLET MK3-0	✓	2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Sep 2014	Feb 2015	6	240.00	Y		

**Remarks:**  
The Air Force purchases 20MM, PGU-28, DODIC AA22 through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

The SMCA executes split-award contracts when possible based on the competitive environment present between technically qualified sources.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (AA24) 20MM, TP PGU-27A/B

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total
Procurement Quantity (Units in Each)	-	474,576	902,000	948,118	-	948,118
Gross/Weapon System Cost (\$ in Millions)	-	4.779	10.275	11.585	-	11.585
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	4.779	10.275	11.585	-	11.585
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>4.779</b>	<b>10.275</b>	<b>11.585</b>	-	<b>11.585</b>

*(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 (Units in Dollars)	-	10.07	11.39	12.22	-	12.22

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† LOAD, ASSEMBLE, PACK	A	-	-	-	9.66	474,576	4.584	11.04	902,000	9.958	11.70	948,118	11.093	-	-	-	11.70	948,118	11.093
† BOX METAL M548	A	-	-	-	31.57	1,946	0.061	39.18	3,698	0.145	41.65	3,771	0.157	-	-	-	41.65	3,771	0.157
† PALLET MK3-0	A	-	-	-	209.29	95	0.020	228.31	180	0.041	238.58	171	0.041	-	-	-	238.58	171	0.041
<i>Total Recurring Cost</i>							4.665			10.144			11.291						11.291
<i>Total Hardware Cost</i>							4.665			10.144			11.291						11.291
Support Cost																			
QUALITY ASSURANCE		-	-	-	-	-	0.004	-	-	0.004	-	-	0.005	-	-	-	-	-	0.005
PACKAGING, CRATING, HANDLING (PC&H)		-	-	-	-	-	-	-	-	0.002	-	-	0.004	-	-	-	-	-	0.004
FIRST ARTICLE TEST		-	-	-	-	-	0.040	-	-	0.124	-	-	0.279	-	-	-	-	-	0.279
MK3 LAT TESTING <sup>(1)</sup>		-	-	-	-	-	0.001	-	-	0.001	-	-	0.006	-	-	-	-	-	0.006
CRIMP GROOVE <sup>(2)</sup>		-	-	-	-	-	0.068	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>							0.113			0.131			0.294						0.294
<b>Gross Weapon System Cost</b>							<b>4.779</b>			<b>10.275</b>			<b>11.585</b>						<b>11.585</b>

**P-5 Remarks:**

UNCLASSIFIED

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date: May 2013</b>
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (AA24) 20MM, TP PGU-27A/B

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army. Prices shown represent the SMCA efforts to obtain containers, pallets, explosive material, lugs, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack the Air Force order. Cost drivers may include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases).

Load, Assemble and Pack (LAP) costs are applicable to production, build-up and packaging the individual round. The LAP quantity is the number of completed rounds to be delivered into the AF inventory.

Packaging, Crating and Handling (PC&H) cost is associated with transferring the completed order from production to the first destination.

**Footnotes:**

(1) MK3 pallet testing will be performed as according to specification. Cost of testing increased for 20mm program due to MK3 no longer being used to transport non-20mm assets, therefore the 20mm program will bear the costs for MK3 Pallets.

(2) The cost for Crimp Groove in FY2012 represents the effort to crimp the case neck area on the round (where the projectile touches the cartridge) to alleviate case neck separation risk.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature:</b> (AA24) 20MM, TP PGU-27A/B
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK		2012	GDOTS & ALLIANT TECH / MARION, IL & PLYMOUTH, MN	MIPR	AFMC/ OO-ALC	Aug 2012	Jun 2013	474,576	9.66	Y		
LOAD, ASSEMBLE, PACK		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2013	Mar 2014	902,000	11.04	Y		
LOAD, ASSEMBLE, PACK		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	948,118	11.70	Y		
BOX METAL M548		2012	CONCO INC. / LOUISVILLE, KY	MIPR	AFMC/ OO-ALC	Dec 2011	Aug 2012	1,946	31.57	Y		
BOX METAL M548		2013	CONCO INC. / LOUISVILLE, KY	MIPR	AFMC/ OO-ALC	Dec 2012	Aug 2013	3,698	39.18	Y		
BOX METAL M548		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Nov 2014	3,771	41.65	Y		
PALLET MK3-0		2012	MODULAR CONTAINER SYS INC. / LAVONIA, GA	MIPR	AFMC/ OO-ALC	Feb 2012	Feb 2013	95	209.29	Y		
PALLET MK3-0		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Feb 2013	Feb 2014	180	228.31	Y		
PALLET MK3-0		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	171	238.58	Y		

**Remarks:**  
The Air Force purchases 20MM PGU-27, DODIC AA24 through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

The SMCA executes split-award contracts when possible based on the competitive environment present between technically qualified sources.

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Aggregated Item Name:</b> (AA40) 5.56MM, FRANGIBLE
--	---	--

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>SUBTOTAL RECURRING HARDWARE</b>																				
† 5.56 MM FRANG (AA40)	A		-	-	-	0.39	15,641,026	6.100	0.43	23,255,814	10.000	0.41	24,390,244	10.000	-	-	-	0.41	24,390,244	10.000
<b>Total</b>					-			<b>6.100</b>			<b>10.000</b>			<b>10.000</b>			-			<b>10.000</b>



**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Aggregated Item Name:</b> (AA40) 5.56MM, FRANGIBLE
--	---	--

Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>SUBTOTAL RECURRING HARDWARE</b>												
5.56 MM FRANG (AA40)		2012 <sup>(3)</sup>	FEDERAL / ANOKA, MN	MIPR	AFMC/ OO-ALC	Mar 2012	Sep 2013	15,641,026	0.39	Y		
5.56 MM FRANG (AA40)		2013 <sup>(4)</sup>	FEDERAL / ANOKA, MN	MIPR	AFMC/ OO-ALC	Mar 2013	Sep 2014	23,255,814	0.43	Y		
5.56 MM FRANG (AA40)		2014 <sup>(5)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Sep 2015	24,390,244	0.41	Y		

**Remarks:**  
The Military Interdepartmental Purchase Request (MIPR) is initiated by the Weapon System Product Team at OO-ALC. Navy awards the contract.

**Footnotes:**  
<sup>(3)</sup> FY2012 procurement will be an option off the FY2011 basic contract which has at least 4 option years.  
<sup>(4)</sup> FY2013 procurement will be an option off the FY2011 basic contract which has at least 4 option years.  
<sup>(5)</sup> FY2014 procurement will be an option off the FY2011 basic contract.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (AB22) 30MM, PGU-13, REMAN

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	-	-	282,832	-	282,832
Gross/Weapon System Cost (\$ in Millions)	-	-	-	6.250	-	6.250
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	6.250	-	6.250
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	-	<b>6.250</b>	-	<b>6.250</b>

*(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 (Units in Dollars)	-	-	-	22.10	-	22.10

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† LOAD, ASSEMBLE, PACK	A	-	-	-	-	-	-	-	-	15.31	282,832	4.330	-	-	-	15.31	282,832	4.330	
† CONTAINER CNU-332 A/E	A	-	-	-	-	-	-	-	-	2,888.59	509	1.470	-	-	-	2,888.59	509	1.470	
† TUBE AND STRAP ASSEMBLY	A	-	-	-	-	-	-	-	-	431.21	509	0.219	-	-	-	431.21	509	0.219	
<i>Total Recurring Cost</i>				-			-					6.019			-			6.019	
<i>Total Hardware Cost</i>				-			-					6.019			-			6.019	
Support Cost																			
QUALITY ASSURANCE		-	-	-	-	-	-	-	-	-	-	0.008	-	-	-	-	-	0.008	
ACCEPTANCE TESTING		-	-	-	-	-	-	-	-	-	-	0.017	-	-	-	-	-	0.017	
FIRST ARTICLE TEST		-	-	-	-	-	-	-	-	-	-	0.205	-	-	-	-	-	0.205	
<i>Total Support Cost</i>				-			-					0.230			-			0.230	
<b>Gross Weapon System Cost</b>				-			-					<b>6.250</b>			-			<b>6.250</b>	

**P-5 Remarks:**

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Dept of the Army. Cost drivers are based on orders (increases and/or decreases) from other DoD Services and activities, economic price adjustments, currency rate fluctuations, cost of complex or scarce materials, and competition in contracting efforts.

Load, Assemble, and Pack (LAP) costs are applicable to production and build-up of the round. The LAP quantity is the number of completed rounds to be delivered into the AF inventory.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature:</b> (AB22) 30MM, PGU-13, REMAN
--	---	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	282,832	15.31	Y		
CONTAINER CNU-332 A/E		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Jan 2015	509	2,888.59	Y		
TUBE AND STRAP ASSEMBLY		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Sep 2014	509	431.21	Y		

**Remarks:**  
 The Air Force purchases 30MM PGU-13 (DODIC AB22) through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, straps, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

The SMCA executes split-award contracts when possible based on the competitive environment present between technically qualified sources.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (B104) 30MM, PGU-13/B, HEI

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	298,350	162,657	175,798	90,895	266,693
Gross/Weapon System Cost (\$ in Millions)	-	12.252	9.795	10.406	5.028	15.434
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	12.252	9.795	10.406	5.028	15.434
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>12.252</b>	<b>9.795</b>	<b>10.406</b>	<b>5.028</b>	<b>15.434</b>

*(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 (Units in Dollars)	-	41.07	60.22	59.19	55.32	57.87

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† LOAD, ASSEMBLE, PACK (LAP)	A	-	-	-	40.60	298,350	12.113	51.45	162,657	8.368	50.08	175,798	8.804	50.08	90,895	4.552	50.08	266,693	13.356
† TUBE AND STRAP ASSEMBLY F/30MM	A	-	-	-	-	-	-	428.08	292	0.125	431.21	330	0.142	431.21	143	0.062	431.21	473	0.204
† CONTAINER CNU-332	A	-	-	-	-	-	-	2,696.25	293	0.790	2,888.59	330	0.953	2,888.59	143	0.413	2,888.59	473	1.366
<i>Total Recurring Cost</i>				-			12.113			9.283			9.899			5.027			14.926
<i>Total Hardware Cost</i>				-			12.113			9.283			9.899			5.027			14.926
Support Cost																			
ACCEPTANCE TESTING		-	-	-	-	-	-	-	-	0.004	-	-	0.010	-	-	0.001	-	-	0.011
QUALITY ASSURANCE		-	-	-	-	-	0.016	-	-	0.008	-	-	0.008	-	-	-	-	-	0.008
FIRST ARTICLE TESTING		-	-	-	-	-	-	-	-	0.500	-	-	0.489	-	-	-	-	-	0.489
PACKAGE, CRATING, HANDLING (PC&H)		-	-	-	-	-	0.123	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>				-			0.139			0.512			0.507			0.001			0.508
<b>Gross Weapon System Cost</b>				-			<b>12.252</b>			<b>9.795</b>			<b>10.406</b>			<b>5.028</b>			<b>15.434</b>

**P-5 Remarks:**

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (B104) 30MM, PGU-13/B, HEI

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army. Prices shown represent the SMCA efforts to obtain containers, pallets, explosive material, lugs, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack the Air Force order. Cost drivers may include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases).

Load, Assemble and Pack (LAP) costs are applicable to production, build-up and packaging the individual round. The LAP quantity is the number of completed rounds to be delivered into the AF inventory.

Packaging, Crating and Handling (PC&H) cost is associated with transferring the completed order from production to the first destination.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature:</b> (B104) 30MM, PGU-13/B, HEI
--	---	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK (LAP)		2012	ALLIANT TECH SYSTEMS INC. / PLYMOUTH, MN	MIPR	AFMC/ OO-ALC	Oct 2012	Aug 2013	298,350	40.60	Y		
LOAD, ASSEMBLE, PACK (LAP)		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Oct 2013	Aug 2014	162,657	51.45	Y		
LOAD, ASSEMBLE, PACK (LAP)		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	175,798	50.08	Y		
LOAD, ASSEMBLE, PACK (LAP)	✓	2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	90,895	50.08	Y		
TUBE AND STRAP ASSEMBLY F/30MM		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Oct 2013	Apr 2014	292	428.08	Y		
TUBE AND STRAP ASSEMBLY F/30MM		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Sep 2014	330	431.21	Y		
TUBE AND STRAP ASSEMBLY F/30MM	✓	2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Sep 2014	143	431.21	Y		
CONTAINER CNU-332		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Oct 2013	Aug 2014	293	2,696.25	Y		
CONTAINER CNU-332		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Jan 2015	330	2,888.59	Y		
CONTAINER CNU-332	✓	2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Jan 2015	143	2,888.59	Y		

**Remarks:**  
The Air Force purchases 30MM PGU-13 HEI (DODIC B104) through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

The SMCA executes split-award contracts when possible based on the competitive environment present between technically qualified sources.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (B116) 30MM PGU-15/B, TP

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total
Procurement Quantity (Units in Each)	-	323,597	162,063	250,965	-	250,965
Gross/Weapon System Cost (\$ in Millions)	-	6.553	5.832	8.745	-	8.745
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	6.553	5.832	8.745	-	8.745
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>6.553</b>	<b>5.832</b>	<b>8.745</b>	-	<b>8.745</b>

*(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 (Units in Dollars)	-	20.25	35.99	34.85	-	34.85

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† LOAD,ASSEMBLE,PACK	A	-	-	-	18.35	323,597	5.938	31.50	162,063	5.105	31.65	250,965	7.943	-	-	-	31.65	250,965	7.943
† CONTAINER CNU-332E	A	-	-	-	203.43	583	0.119	242.32	293	0.071	223.27	451	0.101	-	-	-	223.27	451	0.101
† TUBE AND STRAP ASSEMBLY	A	-	-	-	386.29	583	0.225	451.72	290	0.131	431.21	451	0.194	-	-	-	431.21	451	0.194
<i>Total Recurring Cost</i>				-			6.282			5.307			8.238			-			8.238
<i>Total Hardware Cost</i>				-			6.282			5.307			8.238			-			8.238
Support Cost																			
QUALITY ASSURANCE		-	-	-	-	-	0.012	-	-	0.012	-	-	0.004	-	-	-	-	-	0.004
ACCEPTANCE TESTING		-	-	-	-	-	0.077	-	-	0.013	-	-	0.016	-	-	-	-	-	0.016
FIRST ARTICLE TEST		-	-	-	-	-	-	-	-	0.500	-	-	0.487	-	-	-	-	-	0.487
PACKAGING, CRATING, HANDLING (PC&H)		-	-	-	-	-	0.182	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Support Cost</i>				-			0.271			0.525			0.507			-			0.507
<b>Gross Weapon System Cost</b>				-			<b>6.553</b>			<b>5.832</b>			<b>8.745</b>			-			<b>8.745</b>

**P-5 Remarks:**

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (B116) 30MM PGU-15/B, TP

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army. Prices shown represent the SMCA efforts to obtain hardware, containers, pallets, straps, explosive material, lugs, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack the Air Force order. Cost drivers may include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases).

Load, Assemble and Pack (LAP) costs are applicable to production, build-up and packaging the individual round.

Packaging, Crating and Handling (PC&H) cost is associated with transferring the completed order from production to the first destination.



**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Item Nomenclature:</b> (B116) 30MM PGU-15/B, TP
--	---	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD,ASSEMBLE,PACK		2012	ALLIANT TECH SYSTEMS INC. / PLYMOUTH, MN	MIPR	AFMC/ OO-ALC	Mar 2012	Mar 2013	323,597	18.35	Y		
LOAD,ASSEMBLE,PACK		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2013	Mar 2014	162,063	31.50	Y		
LOAD,ASSEMBLE,PACK		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	250,965	31.65	Y		
CONTAINER CNU-332E		2012	BLUE GRASS ARMY DEPOT / RICHMOND, KY	MIPR	AFMC/ OO-ALC	Jan 2012	Nov 2012	583	203.43	Y		
CONTAINER CNU-332E		2013	BLUE GRASS ARMY DEPOT / RICHMOND, KY	MIPR	AFMC/ OO-ALC	Jan 2013	Nov 2013	293	242.32	Y		
CONTAINER CNU-332E		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Apr 2014	Dec 2014	451	223.27	Y		
TUBE AND STRAP ASSEMBLY		2012	ROLLING HILLS PROGRESS CENTER INC. / LANARK, IL	MIPR	AFMC/ OO-ALC	Jan 2012	Jul 2012	583	386.29	Y		
TUBE AND STRAP ASSEMBLY		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2013	Sep 2013	290	451.72	Y		
TUBE AND STRAP ASSEMBLY		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Sep 2014	451	431.21	Y		

**Remarks:**

The Air Force purchases 30MM PGU-15 TP (DODIC B116) through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

The SMCA executes split-award contracts when possible based on the competitive environment present between technically qualified sources.

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force															<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges							<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges							<b>Aggregated Item Name:</b> (SS44) BBU-63/B, IMPULSE CART					

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>SUBTOTAL HARDWARE COST</b>																				
† BBU-63 /B IMPULSE CARTRIDGE	A		-	-	-	-	-	-	-	-	-	524.11	1,908	1.000	524.11	18,391	9.639	524.11	20,299	10.639
<b>Total</b>					-									<b>1.000</b>			<b>9.639</b>			<b>10.639</b>

**P-40A Remarks:**  
Unit price is an estimate from industry, based on the last AF order with inflation.

**UNCLASSIFIED**

<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges				<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges				<b>Aggregated Item Name:</b> (SS44) BBU-63/B, IMPULSE CART				
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>SUBTOTAL HARDWARE COST</b>												
BBU-63 /B IMPULSE CARTRIDGE		2014 <sup>(6)</sup>	UNKNOWN / UNKNOWN	C / IDIQ	AFMC/ OO-ALC	Jun 2014	Jun 2015	1,908	524.11	Y		
BBU-63 /B IMPULSE CARTRIDGE	✓	2014 <sup>(7)</sup>	UNKNOWN / UNKNOWN	C / IDIQ	AFMC/ OO-ALC	Jun 2014	Jun 2015	18,391	524.11	Y		

**Footnotes:**

<sup>(6)</sup> FY2014 procurement will be executed on a new basic contract with at least 2 option years.

<sup>(7)</sup> FY2014 OCO will be executed on the same FY14 basic contract if funds received at the same time. Otherwise will be an option year order.

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force** **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Aggregated Item Name:</b> CARTRIDGES (ITEMS LESS THAN \$5 MILLION)
--	---	--

Items	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>SUBTOTAL ALL AMMUNITION CARTRIDGES</b>																				
(A011) CTG, 12 GAUGE NO.00 BUCKSHOT	A		-	-	-	0.47	85,106	0.040	-	-	-	-	-	-	-	-	-	-	-	-
(A014) CTG, 12 GA SHOTGUN, 7-1/2 PLASTIC	A		-	-	-	-	-	-	0.43	23,256	0.010	0.56	17,857	0.010	-	-	-	0.56	17,857	0.010
(A059) 5.56MM BALL M855 <sup>(8)</sup>	A		-	-	-	-	-	-	0.42	9,523,810	4.000	-	-	-	-	-	-	-	-	-
(A062) CTG, 5.56MM BALL M855 LINKED	A		-	-	-	0.47	10,425,532	4.900	0.48	4,166,667	2.000	0.30	10,000,000	3.000	-	-	-	0.30	10,000,000	3.000
(A065) CTG, 5.56MM PRACTICE M862 SINGLE ROUND	A		-	-	-	-	-	-	-	-	-	0.60	500,000	0.300	-	-	-	0.60	500,000	0.300
(A075) CTG, 5.56MM BLANK SAW LINKED	A		-	-	-	-	-	-	0.46	978,261	0.450	0.22	2,045,455	0.450	-	-	-	0.22	2,045,455	0.450
(A080) CTG, 5.56MM BLANK M200	A		-	-	-	-	-	-	0.33	1,515,152	0.500	0.16	6,250,000	1.000	-	-	-	0.16	6,250,000	1.000
(A091) CTG, .22 CAL LONG RIFLE	A		-	-	-	0.38	526,316	0.200	0.34	1,176,471	0.400	0.16	2,500,000	0.400	-	-	-	0.16	2,500,000	0.400
(A111) CTG, 7.62MM BLANK M82 LINKED	A		-	-	-	0.73	684,932	0.500	0.73	1,369,863	1.000	0.41	1,219,512	0.500	-	-	-	0.41	1,219,512	0.500
(AB72) CTG, 7.62MM SINGLE ROUND BLANK (was A112)	A		-	-	-	-	-	-	0.63	111,111	0.070	-	-	-	-	-	-	-	-	-
(A131) CTG, 7.62MM BALL 4-1 LINKED <sup>(9)</sup>	A		-	-	-	0.95	6,316	0.006	1.02	4,411,765	4.500	0.61	3,278,689	2.000	-	-	-	0.61	3,278,689	2.000
(A143) CTG, 7.62MM BALL LINKED M80 <sup>(10)</sup>	A		-	-	-	0.93	3,440,860	3.200	0.95	9,473,684	9.000	-	-	-	-	-	-	-	-	-
(A164) CTG, 7.62MM LINKED	A		-	-	-	-	-	-	-	-	-	0.51	1,960,784	1.000	-	-	-	0.51	1,960,784	1.000
(A165) CARTRIDGE 7.62MM M80, 4-1	A		-	-	-	-	-	-	0.93	21,505	0.020	-	-	-	-	-	-	-	-	-
(A257) CTG, 7.62MM 9-1 DIM TRACER <sup>(11)</sup>	A		-	-	-	0.96	403,125	0.387	0.97	486,598	0.472	0.55	545,455	0.300	-	-	-	0.55	545,455	0.300
(A358) 9MM SUBCAL AT4 TRACER	A		-	-	-	-	-	-	0.67	44,776	0.030	-	-	-	-	-	-	-	-	-
(A363) 9MM BALL NATO XM882 PISTOL	A		-	-	-	-	-	-	0.21	4,761,905	1.000	0.21	11,904,762	2.500	-	-	-	0.21	11,904,762	2.500
(A403) CTG, .38 CAL SP BLANK	A		-	-	-	0.49	102,040	0.050	0.51	49,020	0.025	0.57	43,860	0.025	-	-	-	0.57	43,860	0.025

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force** **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01:  
Procurement of Ammo, Air Force / BSA 12: Cartridges

**P-1 Line Item Nomenclature:**  
352010 - Cartridges

**Aggregated Item Name:**  
CARTRIDGES (ITEMS LESS THAN \$5 MILLION)

Items	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
(A404) CTG, .38 CAL SP BALL WADCUTTER	A		-	-	-	-	-	-	0.31	32,258	0.010	0.50	20,000	0.010	-	-	-	0.50	20,000	0.010
(A475) CTG, CAL .45 BALL M1911	A		-	-	-	-	-	-	-	-	-	0.63	158,730	0.100	-	-	-	0.63	158,730	0.100
(A482) CTG CAL .45 BALL WADCUTTER	A		-	-	-	0.50	300,000	0.150	0.45	333,333	0.150	0.51	294,118	0.150	-	-	-	0.51	294,118	0.150
(A483) CTG CAL .45 BALL M1911 MTCHGRD	A		-	-	-	0.62	298,387	0.185	0.55	272,727	0.150	0.62	161,290	0.100	-	-	-	0.62	161,290	0.100
(A552) CTG, .50 CAL BALL SINGLE ROUND, M33	A		-	-	-	-	-	-	2.78	44,964	0.125	2.02	123,762	0.250	-	-	-	2.02	123,762	0.250
(A555) CTG, CAL .50 BALL M2 LINKED <sup>(12)</sup>	A		-	-	-	2.88	705,902	2.033	3.00	666,667	2.000	1.96	1,530,612	3.000	-	-	-	1.96	1,530,612	3.000
(A557) CTG, CAL .50 BALL/TRACER/LINKED M2/M9	A		-	-	-	3.00	1,454,666	4.364	3.11	643,087	2.000	2.01	2,487,065	4.999	-	-	-	2.01	2,487,065	4.999
(A598) CTG CAL.50 BLNK CRMPD W/M9 LNK	A		-	-	-	2.13	46,948	0.100	2.20	45,455	0.100	1.36	183,824	0.250	-	-	-	1.36	183,824	0.250
(A606) CTG, CAL.50 API MK211 MOD 0	A		-	-	-	13.70	730	0.010	14.18	705	0.010	10.81	925	0.010	-	-	-	10.81	925	0.010
(A607) CTG, .50 CAL ARMOR PIERCING INCENDIARY	A		-	-	-	-	-	-	-	-	-	7.88	222,081	1.750	-	-	-	7.88	222,081	1.750
(A978) CTG, 25MM, TP, PGU-23/U <sup>(13)</sup>	A		-	-	-	16.76	255,310	4.279	27.71	250,595	6.944	-	-	-	-	-	-	-	-	-
(AA01) CTG 5.56MM AP M995 LKD	A		-	-	-	1.65	60,606	0.100	1.88	26,596	0.050	1.91	13,089	0.025	-	-	-	1.91	13,089	0.025
(AA02) CTG 5.56MM AP/TR M995/M856 4-1	A		-	-	-	1.89	529,101	1.000	3.16	189,873	0.600	2.37	337,553	0.800	-	-	-	2.37	337,553	0.800
(AA03) CTG. 7.62 M993 AP	A		-	-	-	-	-	-	2.82	28,369	0.080	-	-	0.030	-	-	-	-	-	0.030
(AA04) CTG. 7.62 M993/M62 4 AP/1 TRA <sup>(14)</sup>	A		-	-	-	2.25	32,000	0.072	2.58	24,463	0.063	-	-	-	-	-	-	-	-	-
(AA11) CTG. 7.62 NATO M118 SPEC BALL <sup>(15)</sup>	A		-	-	-	1.12	1,785	0.002	1.18	84,746	0.100	0.69	869,565	0.600	-	-	-	0.69	869,565	0.600
(AA16) 9 MILLIME CARTRIDGE FRANG	A		-	-	-	0.31	9,677,419	3.000	0.28	7,067,138	2.000	0.29	6,896,552	2.000	-	-	-	0.29	6,896,552	2.000
(AA50) .50 CAL DIM TRACER <sup>(16)</sup>	A		-	-	-	10.84	74,446	0.807	11.23	955,833	10.734	6.00	83,333	0.500	6.00	288,000	1.728	6.00	371,333	2.228

**UNCLASSIFIED**

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force																	Date: May 2013				
Appropriation / Budget Activity / Budget Sub Activity: 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges						P-1 Line Item Nomenclature: 352010 - Cartridges						Aggregated Item Name: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)									
Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)	
(AB09) 5.56 BLUE MARKING CARTRIDGE	A		-	-	-	0.67	7,313,433	4.900	0.68	7,205,882	4.900	0.69	5,797,101	4.000	-	-	-	0.69	5,797,101	4.000	
(AB10) 5.56 RED MARKING CARTRIDGES	A		-	-	-	0.67	7,313,433	4.900	0.68	7,205,882	4.900	0.69	5,797,101	4.000	-	-	-	0.69	5,797,101	4.000	
(AB13) 9MM BLUE MARKING CARTRIDGE	A		-	-	-	0.59	3,389,830	2.000	0.60	2,000,000	1.200	0.61	819,672	0.500	-	-	-	0.61	819,672	0.500	
(AB14) 9M RED MARKING CARTRIDGE	A		-	-	-	0.59	2,979,661	1.758	0.60	2,000,000	1.200	0.61	1,639,344	1.000	-	-	-	0.61	1,639,344	1.000	
(AB16) 5.56 BLUE LINKED MARKING CART	A		-	-	-	0.80	3,125,000	2.500	0.81	2,469,136	2.000	0.82	1,219,512	1.000	-	-	-	0.82	1,219,512	1.000	
(AB17) 5.56 RED LINKED MARKING CART	A		-	-	-	0.80	3,125,000	2.500	0.81	2,469,136	2.000	0.82	1,219,512	1.000	-	-	-	0.82	1,219,512	1.000	
(AB22) CTG, 30MM PGU-13 REMAN <sup>(17)</sup>	A		-	-	-	20.94	116,761	2.445	21.93	494,528	10.845	-	-	-	-	-	-	-	-	-	
(AB72) CTG, 7.62MM SINGLE ROUND BLANK (was A112) (1) (18)	A		-	-	-	-	-	-	-	-	-	0.73	205,479	0.150	-	-	-	0.73	205,479	0.150	
(AY04) CTG. BIRDSCARE, 12 GAGE, PGU-26P	A		-	-	-	-	-	-	1.05	23,719	0.025	1.06	47,170	0.050	-	-	-	1.06	47,170	0.050	
(B519) CARTRIDGE, 40MM PRACTICE M781	A		-	-	-	5.89	203,735	1.200	6.06	49,505	0.300	4.88	61,475	0.300	-	-	-	4.88	61,475	0.300	
(B576) CTG, 40MM PRACTICE, LINKED, HIGH VELOCITY	A		-	-	-	-	-	-	-	-	-	18.44	208,026	3.836	-	-	-	18.44	208,026	3.836	
(BA21) 40 MM MK281 MD 0 Day/Night Mk 19	A		-	-	-	28.08	188,746	5.300	28.38	35,240	1.000	-	-	-	-	-	-	-	-	-	
MED CAL Program	A		-	-	-	-	-	1.000	-	-	1.000	-	-	1.000	-	-	-	-	-	1.000	
AF Shooting Team (AFST)	A		-	-	-	-	-	0.140	-	-	0.140	-	-	0.140	-	-	-	-	-	0.140	
<b>Subtotal SUBTOTAL ALL AMMUNITION CARTRIDGES</b>								<b>54.028</b>			<b>78.103</b>			<b>43.035</b>				<b>1.728</b>		<b>44.763</b>	
<b>ALL CHAFF AND IMPULSE CARTRIDGES</b>																					
(3W37) CHAFF, RR-188	A		-	-	-	3.46	144,508	0.500	3.51	427,716	1.500	3.33	525,526	1.750	-	-	-	3.33	525,526	1.750	
(M189) CTG IMPULSE ARD 863-1	A		-	-	-	4.80	52,083	0.250	6.70	896	0.006	-	-	-	-	-	-	-	-	-	
(M190) CTG IMP MK2 MOD1	A		-	-	-	-	-	-	103.26	184	0.019	-	-	-	-	-	-	-	-	-	

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Aggregated Item Name:</b> CARTRIDGES (ITEMS LESS THAN \$5 MILLION)
--	---	--

Items	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
(MG11) CTG,IMPULSE,BBU-36/B <sup>(19)</sup>	A		-	-	-	1.64	518,902	0.851	1.66	35,542	0.059	1.68	148,810	0.250	-	-	-	1.68	148,810	0.250
(MG62) CTG, IMPULSE BBU-35/B <sup>(20)</sup>	A		-	-	-	1.80	128,333	0.231	2.35	118,723	0.279	2.35	694,894	1.633	2.35	165,957	0.390	2.35	860,851	2.023
(MT40) SQUIB, ELECTRIC BBU-46 A/B <sup>(21)</sup>	A		-	-	-	35.57	51,025	1.815	97.56	164	0.016	-	-	-	-	-	-	-	-	-
(SS44) CTG, IMPULSE, BBU-63/B <sup>(22)</sup>	A		-	-	-	602.05	975	0.587	518.08	2,895	1.500	-	-	-	-	-	-	-	-	-
(SS27) CTG, IMPLUSE, BBU-48/B <sup>(23)</sup>	A		-	-	-	8.71	369,919	3.222	8.81	86,918	0.766	9.32	91,202	0.850	9.32	9,227	0.086	9.32	100,429	0.936
(SY16) CHAFF CTG RR-180	A		-	-	-	8.65	57,803	0.500	11.16	986	0.011	-	-	-	-	-	-	-	-	-
(WA83) CCU-136	A		-	-	-	-	-	-	-	-	-	3.45	2,899	0.010	-	-	-	3.45	2,899	0.010
CCU-168 <sup>(24)</sup>	A		-	-	-	-	-	-	-	-	-	500.00	1,068	0.534	-	-	-	500.00	1,068	0.534
(WB24) CCU-145	A		-	-	-	-	-	-	-	-	-	4.70	3,191	0.015	-	-	-	4.70	3,191	0.015
(WB33) CTG, IMP ARD 446-1B <sup>(25)</sup>	A		-	-	-	35.64	7,772	0.277	6.76	3,550	0.024	-	-	-	-	-	-	-	-	-
<i>Subtotal ALL CHAFF AND IMPULSE CARTRIDGES</i>								8.233			4.180			5.042			0.476			5.518
<b>Total</b>								<b>62.261</b>			<b>82.283</b>			<b>48.077</b>			<b>2.204</b>			<b>50.281</b>

**P-40A Remarks:**

All Ammunition Cartridges:

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army. Prices shown represent the SMCA efforts to obtain munitions items for the DoD Military Services purchasing the same or similar items. Cost drivers include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases). FY14 price changes are due to new contracts with Lake City Army Ammo Plant (LCAAP) and the planned procurements of other customers. The Navy procures Frangible rounds such as DODIC AA16, 9MM for the Air Force and prices provided based on vendor estimates and AF and Navy combined planned procurements.

All Chaff and Impulse Cartridges:

Items are managed and procured through OO-ALC. Prices are estimates from industry.

**Footnotes:**

- (8) DODICs A059: FY14 is justified on the P40, P5 and P5A documents
- (9) DODIC A131: FY12 OCO \$0.006
- (10) DODIC A143: FY14 is justified on the P40, P5 and P5A documents
- (11) DODIC A257: FY12 OCO \$0.387 AND FY13 OCO \$0.172
- (12) DODIC A555: FY12 OCO \$0.096
- (13) DODIC A978, PGU-23 25MM, TP is justified in FY2014 on the P40, P5, P5A documents.

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 12: Cartridges	<b>P-1 Line Item Nomenclature:</b> 352010 - Cartridges	<b>Aggregated Item Name:</b> CARTRIDGES (ITEMS LESS THAN \$5 MILLION)
<p>(14) DODIC AA04: FY12 OCO \$0.072 AND FY13 OCO \$0.013</p> <p>(15) DODIC AA11: FY12 OCO \$0.002</p> <p>(16) DODIC AA50: FY12 OCO \$0.807 AND FY13 \$1.484</p> <p>(17) DODIC AB22: FY14 is justified on the P40, P5 and P5A documents</p> <p>(18) DODIC AB72 is the new version of DODIC A112 7.62MM Single Round, Blank. This is the only round of its kind that the Single Manager for Conventional Ammunition (SMCA)/Army will be purchasing for the Services from now on. Replaces A112 in FY2014</p> <p>(19) DODIC MG11: FY12 OCO \$0.056 and FY13 OCO \$0.059</p> <p>(20) DODIC MG62: FY12 OCO \$0.231 AND FY13 OCO \$0.279</p> <p>(21) DODIC MT40: FY12 OCO \$0.065 AND FY13 OCO \$0.016</p> <p>(22) DODIC SS44: FY12 OCO \$0.087; DODIC SS44: FY14 is justified on the P40, P5 and P5A documents</p> <p>(23) DODIC SS27: FY12 OCO \$0.041 AND FY13 OCO \$0.016</p> <p>(24) CCU-168 is a new impulse cartridge for the flare package used on the F-35 aircraft. Unit price is estimated based on the initial low quantity order.</p> <p>(25) DODIC WB33: FY12 OCO \$0.027 and FY13 OCO \$0.024</p>		



**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force** **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs
--	--

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
---	---	--

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	150.942	186.678	187.397	37.514	224.911	157.524	304.920	315.786	271.237	-	1,611.998
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	150.942	186.678	187.397	37.514	224.911	157.524	304.920	315.786	271.237	-	1,611.998
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	<b>150.942</b>	<b>186.678</b>	<b>187.397</b>	<b>37.514</b>	<b>224.911</b>	<b>157.524</b>	<b>304.920</b>	<b>315.786</b>	<b>271.237</b>	-	<b>1,611.998</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

**Description:**

FY2012 funding totals include \$17.385M appropriated for Overseas Contingency Operations.

FY2013 funding totals include \$23.211 appropriated for Overseas Contingency Operations.

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 2000lb 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 Ogden ALC.
- 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 Ogden ALC. FY2012 funding includes \$0.822 appropriated for Overseas Contingency Operations. FY2013 funding includes \$1.965M requested for Overseas Contingency Operations.
- 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 Ogden ALC. FY2012 funding includes \$1.704M appropriated for Overseas Contingency Operations. FY2013 funding includes \$3.479M requested for Overseas Contingency Operations.

Laser Guided Bombs, (reference PAVEWAY II) 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.

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force** **Date: May 2013**

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs

**P-1 Line Item Nomenclature:**  
353020 - General Purpose Bombs

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

**MDAP/MAIS Code(s):**

- BLU-117 (ED09) is a 2,000-pound 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 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). FY2012 funding includes \$5.506M appropriated for Overseas Contingency Operations. FY2013 funding totals include \$6.790 requested for Overseas Contingency Operations.
- BLU-111 (ED15) is a thermally-protected General Purpose Bomb, identical to the MK-82 (500 lb bomb), except for type of explosive filler. It has a relatively thin case with a slender body designed for improved ballistics. Employed as general purpose bombs delivered in high and low drag modes with ground burst, delayed, or air burst fuzes and as precision guided munitions and aerial mines depending on the fin/airfoil group and fuzing. This item is procured through the Army Single Manager for Conventional Ammunition (SMCA). FY2012 funding includes \$9.334M appropriated for Overseas Contingency Operations. FY2013 funding totals include \$9.722 requested for Overseas Contingency Operations.
- BLU-109 (ED49) warhead is a 2000-pound hard target penetrator bomb designed with Insensitive Munitions (IM) technology. It is a penetration weapon 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) weapon systems. This item is procured through the Army Single Manager for Conventional Ammunition (SMCA). FY2013 funding totals include \$0.603 requested for Overseas Contingency Operations.
- Items Less Than Five Million Dollars: All items have an annual procurement of less than \$5,000,000 and are Code A. FY2012 funding includes \$0.015M appropriated for Overseas Contingency Operations. FY2013 funding includes \$0.652 requested for Overseas Contingency Operations.

Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel (WRM), Test and Training munitions 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.

Funding for this exhibit contained in PEs: 0208030F, 0207599F

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		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)
(EC31) MXU-651/B AFG, FIN ASSEMBLY	P40A, P5A			0.000			7.352			7.933			8.621			-			8.621	
(EC32) MXU-650 GCG, FIN ASSEMBLY	P40A, P5A			-			8.497			16.246			14.150			0.462			14.612	
(ED09) BLU-117, 2000LB GP BOMB	P5, P5A			-			12.256			14.461			11.800			16.937			28.737	
(ED15) BLU-111A/B 500LB GP BOMB	P5, P5A			0.000			21.955			20.610			10.042			18.221			28.263	
(ED49) BLU-109 2000 LB HARD TARGET BOMB	P5, P5A			0.000			43.171			68.458			83.302			0.536			83.838	
(ED58) MAU-209C/B	P40A, P5A			-			35.805			42.708			47.395			1.342			48.737	

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs

**P-1 Line Item Nomenclature:**  
353020 - General Purpose Bombs

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

**MDAP/MAIS Code(s):**

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		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)
GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)	P40A				-		21.906			16.262			12.087			0.016			12.103	
<b>Total Gross/Weapon System Cost</b>				-		150.942		186.678		187.397		37.514		224.911						

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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

**Justification:**  
The Air Force procures munitions to maintain appropriate quantities in the War Reserve Materiel 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.

FY2014 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

Items requested in FY2014 are identified on the following P-5 or P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Aggregated Item Name:</b> (EC31) MXU-651/B AFG, FIN ASSEMBLY
---	--	---

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>TOTAL RECURRING HARDWARE COST</b>																				
† MXU-651/B FIN ASSEMBLY - EC31	A		0.00	0	0.000	6,851.82	1,073	7.352	5,208.80	1,523	7.933	6,935.64	1,243	8.621	-	-	-	6,935.64	1,243	8.621
<b>Total</b>					<b>0.000</b>			<b>7.352</b>			<b>7.933</b>			<b>8.621</b>			<b>-</b>			<b>8.621</b>

**P-40A Remarks:**

Prices shown on the P40A reflect the average unit cost of split-award contracts plus inflation. Due to the competitive nature of the currently qualified vendors, estimated unit costs are not available for planning purposes.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Aggregated Item Name:</b> (EC31) MXU-651/B AFG, FIN ASSEMBLY
---	--	--

Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>TOTAL RECURRING HARDWARE COST</b>												
MXU-651/B FIN ASSEMBLY - EC31		2012 <sup>(1)</sup>	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / IDIQ	AFMC/ OO-ALC	May 2012	May 2013	1,073	6,851.82	Y		
MXU-651/B FIN ASSEMBLY - EC31		2013 <sup>(2)</sup>	UNKNOWN / UNKNOWN	C / FFP	AFMC/ OO-ALC	May 2013	May 2014	1,523	5,208.80	Y		
MXU-651/B FIN ASSEMBLY - EC31		2014 <sup>(3)</sup>	UNKNOWN / UNKNOWN	C / FFP	AFMC/ OO-ALC	May 2014	May 2015	1,243	6,935.64	Y		

**Remarks:**  
Contracts are awarded based on past performance and the competitive environment present among qualified sources. When procurement quantities are sufficient, contracts can be split between vendors offering economic pricing and suitable delivery schedules. Raytheon and Lockheed-Martin are currently the only qualified sources.

- Footnotes:**
- (1) The FY2012 procurement is an option off an FY2011 Basic IDIQ contract which includes at least 4 option years.
  - (2) The FY2013 procurement will be an option off an FY2011 Basic IDIQ.
  - (3) The FY2014 procurement will be an option off an FY2011 Basic IDIQ.

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force															<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs					<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs					<b>Aggregated Item Name:</b> (EC32) MXU-650 GCG, FIN ASSEMBLY									

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>SUBTOTAL RECURRING HARDWARE</b>																				
† MXU-650 FIN ASSEMBLY - EC32 <sup>(4)</sup>	A		-	-	-	4,000.47	2,124	8.497	3,909.99	4,155	16.246	4,163.00	3,399	14.150	4,163.00	111	0.462	4,162.96	3,510	14.612
<b>Total</b>					-			<b>8.497</b>			<b>16.246</b>			<b>14.150</b>			<b>0.462</b>			<b>14.612</b>

**P-40A Remarks:**

Prices shown reflect the average unit cost of split-award contracts plus inflation. Due to the competitive nature of the currently qualified vendors, estimated unit costs are not available for planning purposes.

**Footnotes:**

<sup>(4)</sup> Due to contracts which are generally split between two contractors, the unit prices for each year are based on the average and adjusted for inflation.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Aggregated Item Name:</b> (EC32) MXU-650 GCG, FIN ASSEMBLY
---	--	--

Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>SUBTOTAL RECURRING HARDWARE</b>												
MXU-650 FIN ASSEMBLY - EC32		2012 <sup>(5)</sup>	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/ OO-ALC	May 2012	May 2013	2,124	4,000.47	Y		
MXU-650 FIN ASSEMBLY - EC32		2013 <sup>(6)</sup>	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/ OO-ALC	May 2013	May 2014	4,155	3,909.99	Y		
MXU-650 FIN ASSEMBLY - EC32		2014 <sup>(7)</sup>	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/ OO-ALC	May 2014	May 2015	3,399	4,163.00	Y		
MXU-650 FIN ASSEMBLY - EC32	✓	2014 <sup>(8)</sup>	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/ OO-ALC	May 2014	May 2015	111	4,163.00	Y		

**Remarks:**  
Contracts are awarded based on past performance and the competitive environment present among qualified sources. When procurement quantities are sufficient, contracts can be split between vendors offering economic pricing and suitable delivery schedules. Raytheon and Lockheed-Martin are currently the only qualified sources.

Each company identifies its version of the MXU-650 as follows: The Raytheon version is MXU-650C/B, DODIC EC32. The Lockheed-Martin version is MXU-650D/B, DODIC EC29. Both versions are suitable for laser guided bombs (reference PAVEWAY), GBU-12 weapons and both can be purchased from the same contract regardless of which Noun/DODIC is specified on Air Force purchase requests.

Indicative data records in Air Force supply and financial systems can only accept one DODIC as the Master record. Therefore, DODIC EC32 which is the latest version recorded is shown on P-series budget exhibits, while contracts may reference either or both DODICs depending on the contract award.

- Footnotes:**
- <sup>(5)</sup> FY2012 procurement is a delivery order off the FY2011 Basic IDIQ contract. To foster competition and maintain the vendor base, orders are split between the vendors based on a competitive ratio of lowest prices offered by each.
  - <sup>(6)</sup> FY2013 procurement is a delivery order off the FY2011 Basic IDIQ contract and will be executed based on the competitive environment between the vendors.
  - <sup>(7)</sup> FY2014 procurement is a delivery order off the FY2011 Basic IDIQ contract and will be executed based on the competitive environment between the vendors.
  - <sup>(8)</sup> Reference footnote (10)

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (ED09) BLU-117, 2000LB GP BOMB

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total
Procurement Quantity (Units in Each)	-	623	631	474	682	1,156
Gross/Weapon System Cost (\$ in Millions)	-	12.256	14.461	11.800	16.937	28.737
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	12.256	14.461	11.800	16.937	28.737
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>12.256</b>	<b>14.461</b>	<b>11.800</b>	<b>16.937</b>	<b>28.737</b>

*(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 (Units in Dollars)	-	19,672.55	22,917.59	24,894.51	24,834.31	24,859.00

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† LOAD, ASSEMBLE, PACK	A	-	-	-	4,820.93	623	3.003	4,729.85	631	2.985	4,986.24	474	2.363	4,986.24	682	3.401	4,986.24	1,156	5.764
RECEIPT BOMB MK84-4 2000LB MOD 10 IM	A	-	-	-	15.30	636	0.010	18.00	643	0.012	16.45	482	0.008	16.45	695	0.011	16.45	1,177	0.019
† BOMB BODY 2000LB MK84 MOD 10 IM	A	-	-	-	3,950.00	636	2.512	5,167.80	643	3.323	4,954.75	482	2.388	4,954.75	695	3.444	4,954.75	1,177	5.832
† LUG SUSP ACFT ORD MK3-0	A	-	-	-	52.65	1,271	0.067	61.27	1,274	0.078	60.45	963	0.058	60.45	1,391	0.084	60.45	2,354	0.142
† CXM-AF7	A	-	-	-	14.86	428,624	6.369	18.88	410,150	7.744	20.67	326,112	6.741	20.67	469,216	9.699	20.67	795,328	16.439
† PALLET MK79-1	A	-	-	-	747.51	318	0.238	862.09	319	0.275	851.29	242	0.206	851.29	348	0.296	851.29	590	0.502
<i>Total Recurring Cost</i>							12.199			14.417			11.764			16.935			28.698
<i>Total Hardware Cost</i>							12.199			14.417			11.764			16.935			28.698
Support Cost																			
PRODUCTION ENGINEERING		0.00	0	0.000	-	-	0.044	-	-	0.022	-	-	0.032	-	-	-	-	-	0.032
QUALITY ASSURANCE		0.00	0	0.000	-	-	0.013	-	-	0.022	-	-	0.003	-	-	0.002	-	-	0.005
<i>Total Support Cost</i>				0.000			0.057			0.044			0.035			0.002			0.037
<b>Gross Weapon System Cost</b>				-			<b>12.256</b>			<b>14.461</b>			<b>11.800</b>			<b>16.937</b>			<b>28.737</b>

**P-5 Remarks:**



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (ED09) BLU-117, 2000LB GP BOMB
<p>This cost analysis represents the Single Manager for Conventional Ammunition (SMCA) efforts to obtain hardware, containers, pallets, straps, explosive material, lugs, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack (LAP) the Air Force order.</p> <p>The load, assemble, pack (LAP) quantity is the number of completed rounds to be delivered into the AF inventory. The ammunition production plant provides the LAP price to SMCA, which includes cost of miscellaneous explosives, fillers and packing materials used to produce an inventory-worthy round.</p> <p>Receipt Bomb price is the ammunition production plant's cost to receive, inspect and store empty bomb bodies/casings delivered from the manufacturer, and awaiting the load, assemble, pack production process.</p> <p>Bomb Body price, provided by the manufacturer to SMCA, is the unit price of an empty bomb body/casing. Developing the cost for a completed round, SMCA applies a Production Loss Factor (PLF) to estimate an additional quantity of bomb bodies/casings to mitigate risks during production of complete rounds. Risks may include defective bomb body or need to replace the body after filled with a nonconforming batch of explosives.</p> <p>Primary cost drivers include the total military customer orders (increases/decreases), complex or scarce materials, economic price adjustments, currency rate fluctuations.</p>		

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force										Date: May 2013		
Appropriation / Budget Activity / Budget Sub Activity:				P-1 Line Item Nomenclature:				Item Nomenclature:				
3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs				353020 - General Purpose Bombs				(ED09) BLU-117, 2000LB GP BOMB				
Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK		2012	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2012	Jun 2014	623	4,820.93	Y		
LOAD, ASSEMBLE, PACK		2013	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2013	Jun 2015	631	4,729.85	Y		
LOAD, ASSEMBLE, PACK		2014	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2014	Jun 2016	474	4,986.24	Y		
LOAD, ASSEMBLE, PACK	✓	2014	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2014	Jun 2016	682	4,986.24	Y		
BOMB BODY 2000LB MK84 MOD 10 IM		2012	GENERAL DYNAMICS OTS GARLAND DIV / GARLAND, TX	MIPR	AFMC/ OO-ALC	Feb 2012	Nov 2013	636	3,950.00	Y		
BOMB BODY 2000LB MK84 MOD 10 IM		2013	GENERAL DYNAMICS OTS GARLAND DIV / GARLAND, TX	MIPR	AFMC/ OO-ALC	Jun 2013	Nov 2014	643	5,167.80	Y		
BOMB BODY 2000LB MK84 MOD 10 IM		2014	GENERAL DYNAMICS OTS GARLAND DIV / GARLAND, TX	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	482	4,954.75	Y		
BOMB BODY 2000LB MK84 MOD 10 IM	✓	2014	GENERAL DYNAMICS OTS GARLAND DIV / GARLAND, TX	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	695	4,954.75	Y		
LUG SUSP ACFT ORD MK3-0		2012	DELFCO INC DBA OF TENN / AFTON, TN	MIPR	AFMC/ OO-ALC	Jul 2012	Jul 2013	1,271	52.65	Y		
LUG SUSP ACFT ORD MK3-0		2013	DELFCO INC DBA OF TENN / AFTON, TN	MIPR	AFMC/ OO-ALC	Apr 2013	Feb 2014	1,274	61.27	Y		
LUG SUSP ACFT ORD MK3-0		2014	DELFCO INC DBA OF TENN / AFTON, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	963	60.45	Y		
LUG SUSP ACFT ORD MK3-0	✓	2014	DELFCO INC DBA OF TENN / AFTON, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	1,391	60.45	Y		
CXM-AF7		2012	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Jul 2012	Sep 2013	428,624	14.86	Y		
CXM-AF7		2013	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Jun 2013	Jun 2014	410,150	18.88	Y		
CXM-AF7		2014	BAE SYSTEMS ORDNANCE SYSTEMS / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	326,112	20.67	Y		

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Item Nomenclature:</b> (ED09) BLU-117, 2000LB GP BOMB
---	--	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
CXM-AF7	✓	2014	BAE SYSTEMS ORDNANCE SYSTEMS / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	469,216	20.67	Y		
PALLET MK79-1		2012	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Feb 2012	Feb 2013	318	747.51	Y		
PALLET MK79-1		2013	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2013	Jun 2014	319	862.09	Y		
PALLET MK79-1		2014	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2014	Jun 2015	242	851.29	Y		
PALLET MK79-1	✓	2014	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2014	Jun 2015	348	851.29	Y		

**Remarks:**  
The Air Force purchases general purpose and practice bombs through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (ED15) BLU-111A/B 500LB GP BOMB

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	3,695	3,293	1,579	2,902	4,481
Gross/Weapon System Cost (\$ in Millions)	0.000	21.955	20.610	10.042	18.221	28.263
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	21.955	20.610	10.042	18.221	28.263
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>0.000</b>	<b>21.955</b>	<b>20.610</b>	<b>10.042</b>	<b>18.221</b>	<b>28.263</b>

*(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 (Units in Dollars)	-	5,941.81	6,258.73	6,359.72	6,278.77	6,307.30

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† LOAD, ASSEMBLE, PACK (LAP)	A	-	-	-	1,485.00	3,695	5.487	1,542.06	3,293	5.078	1,415.90	1,579	2.236	1,415.90	2,902	4.109	1,415.90	4,481	6.345
RECEIPT BOMB MK82-1 500LB	A	-	-	-	9.03	3,769	0.034	10.72	3,358	0.036	10.97	1,610	0.018	10.97	2,960	0.032	10.97	4,570	0.050
† BOMB BODY 500 LB MK82 MOD 6 IM	A	-	-	-	1,674.00	3,769	6.309	1,926.15	3,358	6.468	2,159.40	1,610	3.477	2,159.40	2,960	6.392	2,159.40	4,570	9.868
† LUG SUSP ACFT ORD MS3314	A	-	-	-	21.67	7,464	0.162	23.96	6,636	0.159	24.58	3,189	0.078	24.58	5,862	0.144	24.58	9,051	0.222
† CXM-7	A	-	-	-	18.57	529,927	9.841	18.71	461,091	8.627	18.37	221,060	4.061	18.37	406,280	7.463	18.37	627,340	11.524
PALLET MHU-122/E	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PALLET INSPECTION, MHU-122E	A	-	-	-	133.58	628	0.084	155.91	558	0.087	160.38	268	0.043	160.38	493	0.079	160.38	761	0.122
<b>Total Recurring Cost</b>				-			21.917			20.455			9.913			18.219			28.131
<b>Total Hardware Cost</b>				-			21.917			20.455			9.913			18.219			28.131
Support Cost																			
PRODUCTION ENGINEERING		0.00	0	0.000	-	-	0.035	-	-	0.139	-	-	0.127	-	-	-	-	-	0.127
QUALITY ASSURANCE		0.00	0	0.000	-	-	0.003	-	-	0.016	-	-	0.003	-	-	0.001	-	-	0.004
<b>Total Support Cost</b>				0.000			0.038			0.155			0.130			0.001			0.131
<b>Gross Weapon System Cost</b>				<b>0.000</b>			<b>21.955</b>			<b>20.610</b>			<b>10.042</b>			<b>18.221</b>			<b>28.263</b>

UNCLASSIFIED

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (ED15) BLU-111A/B 500LB GP BOMB
<b>P-5 Remarks:</b> This cost analysis represents the Single Manager for Conventional Ammunition (SMCA) efforts to obtain hardware, containers, pallets, straps, explosive material, lugs, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack (LAP) the Air Force order.  The load, assemble, pack (LAP) quantity is the number of completed rounds to be delivered into the AF inventory. The ammunition production plant provides the LAP price to SMCA, which includes cost of miscellaneous explosives, fillers and packing materials used to produce an inventory-worthy round.  Receipt Bomb price is the ammunition production plant's cost to receive, inspect and store empty bomb bodies/casings delivered from the manufacturer, and awaiting the load, assemble, pack production process.  Bomb Body price, provided by the manufacturer to SMCA, is the unit price of an empty bomb body/casing. Developing the cost for a completed round, SMCA applies a Production Loss Factor (PLF) to estimate an additional quantity of bomb bodies/casings to mitigate risks during production of complete rounds. Risks may include defective bomb body or need to replace the body after filled with a nonconforming batch of explosives.  Primary cost drivers include the total military customer orders (increases/decreases), complex or scarce materials, economic price adjustments, currency rate fluctuations.		

**UNCLASSIFIED**

Exhibit P-5A, Budget Procurement History and Planning: PB Amended 2014 Air Force										Date: May 2013		
Appropriation / Budget Activity / Budget Sub Activity:				P-1 Line Item Nomenclature:				Item Nomenclature:				
3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs				353020 - General Purpose Bombs				(ED15) BLU-111A/B 500LB GP BOMB				
Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK (LAP)		2012	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2012	Jun 2014	3,695	1,485.00	Y		
LOAD, ASSEMBLE, PACK (LAP)		2013	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2013	Jun 2015	3,293	1,542.06	Y		
LOAD, ASSEMBLE, PACK (LAP)		2014	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2014	Jun 2016	1,579	1,415.90	Y		
LOAD, ASSEMBLE, PACK (LAP)	✓	2014	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2014	Jun 2016	2,902	1,415.90	Y		
BOMB BODY 500 LB MK82 MOD 6 IM		2012	GENERAL DYNAMICS OTS GARLAND DIV / GARLAND, TX	MIPR	AFMC/ OO-ALC	Feb 2012	Sep 2012	3,769	1,674.00	Y		
BOMB BODY 500 LB MK82 MOD 6 IM		2013	GENERAL DYNAMICS OTS GARLAND DIV / GARLAND, TX	MIPR	AFMC/ OO-ALC	Jun 2013	Jun 2014	3,358	1,926.15	Y		
BOMB BODY 500 LB MK82 MOD 6 IM		2014	GENERAL DYNAMICS OTS GARLAND DIV / GARLAND, TX	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	1,610	2,159.40	Y		
BOMB BODY 500 LB MK82 MOD 6 IM	✓	2014	GENERAL DYNAMICS OTS GARLAND DIV / GARLAND, TX	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	2,960	2,159.40	Y		
LUG SUSP ACFT ORD MS3314		2012	DELFASCO INC DBA OF TENN / AFTON, TN	MIPR	AFMC/ OO-ALC	Jul 2012	Jul 2013	7,464	21.67	Y		
LUG SUSP ACFT ORD MS3314		2013	DELFASCO INC DBA OF TENN / AFTON, TN	MIPR	AFMC/ OO-ALC	Apr 2013	Feb 2014	6,636	23.96	Y		
LUG SUSP ACFT ORD MS3314		2014	DELFASCO INC DBA OF TENN / AFTON, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	3,189	24.58	Y		
LUG SUSP ACFT ORD MS3314	✓	2014	DELFASCO INC DBA OF TENN / AFTON, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	5,862	24.58	Y		
CXM-7		2012	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPOINT, TN	MIPR	AFMC/ OO-ALC	Jun 2012	Jun 2013	529,927	18.57	Y		
CXM-7		2013	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPOINT, TN	MIPR	AFMC/ OO-ALC	Jun 2013	Jun 2014	461,091	18.71	Y		
CXM-7		2014	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPOINT, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	221,060	18.37	Y		

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Item Nomenclature:</b> (ED15) BLU-111A/B 500LB GP BOMB
---	--	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
CXM-7	✓	2014	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	406,280	18.37	Y		

**Remarks:**  
The Air Force purchases general purpose and practice bombs through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (ED49) BLU-109 2000 LB HARD TARGET BOMB

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	1,410	1,947	2,384	15	2,399
Gross/Weapon System Cost (\$ in Millions)	0.000	43.171	68.458	83.302	0.536	83.838
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	43.171	68.458	83.302	0.536	83.838
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>0.000</b>	<b>43.171</b>	<b>68.458</b>	<b>83.302</b>	<b>0.536</b>	<b>83.838</b>

*(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 (Units in Dollars)	-	30,617.73	35,160.76	34,942.11	35,733.33	34,947.06

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† LOAD, ASSEMBLE, PACK	A	-	-	-	9,925.70	1,410	13.995	9,567.79	1,947	18.628	10,722.00	2,384	25.561	10,722.00	15	0.161	10,722.00	2,399	25.722
RECEIPT BOMB BODY	A	-	-	-	16.96	1,509	0.026	19.96	1,956	0.039	21.00	2,622	0.055	21.00	16	*.*.*	21.00	2,638	0.055
† BOMB BODY, 2000LB BLU-109/B	A	-	-	-	15,153.60	1,509	22.867	20,811.37	1,956	40.707	16,982.05	2,622	44.527	16,982.05	16	0.272	16,982.05	2,638	44.799
CONTAINER, CNU-417/E	A	-	-	-	1,995.40	754	1.505	2,744.30	982	2.695	2,213.00	1,311	2.901	2,213.00	8	0.018	2,213.00	1,319	2.919
† CXM-AF-5	A	-	-	-	18.43	256,620	4.730	18.74	330,990	6.203	22.57	445,808	10.062	22.57	2,805	0.063	22.57	448,613	10.125
<b>Total Recurring Cost</b>							<b>43.123</b>			<b>68.272</b>			<b>83.106</b>			<b>0.514</b>			<b>83.620</b>
<b>Total Hardware Cost</b>							<b>43.123</b>			<b>68.272</b>			<b>83.106</b>			<b>0.514</b>			<b>83.620</b>
Support Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.040	-	-	0.171	-	-	0.184	-	-	-	-	-	0.184
QUALITY ASSURANCE		-	-	-	-	-	0.009	-	-	0.015	-	-	0.012	-	-	0.022	-	-	0.034
<b>Total Support Cost</b>							<b>0.049</b>			<b>0.186</b>			<b>0.196</b>			<b>0.022</b>			<b>0.218</b>
<b>Gross Weapon System Cost</b>					<b>0.000</b>		<b>43.171</b>			<b>68.458</b>			<b>83.302</b>			<b>0.536</b>			<b>83.838</b>

**P-5 Remarks:**



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (ED49) BLU-109 2000 LB HARD TARGET BOMB

This cost analysis represents the Single Manager for Conventional Ammunition (SMCA) efforts to obtain hardware, containers, pallets, straps, explosive material, lugs, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack (LAP) the Air Force order.

The load, assemble, pack (LAP) quantity is the number of completed rounds to be delivered into the AF inventory. The ammunition production plant provides the LAP price to SMCA, which includes cost of miscellaneous explosives, fillers and packing materials used to produce an inventory-worthy round.

Receipt Bomb price is the ammunition production plant's cost to receive, inspect and store empty bomb bodies/casings delivered from the manufacturer, and awaiting the load, assemble, pack production process.

Bomb Body price, provided by the manufacturer to SMCA, is the unit price of an empty bomb body/casing. Developing the cost for a completed round, SMCA applies a Production Loss Factor (PLF) to estimate an additional quantity of bomb bodies/casings to mitigate risks during production of complete rounds. Risks may include defective bomb body or need to replace the body after filled with a nonconforming batch of explosives.

Primary cost drivers include the total military customer orders (increases/decreases), complex or scarce materials, economic price adjustments, currency rate fluctuations.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Item Nomenclature:</b> (ED49) BLU-109 2000 LB HARD TARGET BOMB
---	--	---

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK		2012	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2012	Mar 2015	1,410	9,925.70	Y		
LOAD, ASSEMBLE, PACK		2013	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2013	Mar 2016	1,947	9,567.79	Y		
LOAD, ASSEMBLE, PACK		2014	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2014	Mar 2017	2,384	10,722.00	Y		
LOAD, ASSEMBLE, PACK	✓	2014	MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/ OO-ALC	Jun 2014	Mar 2017	15	10,722.00	Y		
BOMB BODY, 2000LB BLU-109/B		2012	MNGT ELLWOOD NATIONAL FORGE CO / IRVINE, PA	MIPR	AFMC/ OO-ALC	Jun 2012	Sep 2014	1,509	15,153.60	Y		
BOMB BODY, 2000LB BLU-109/B		2013	MNGT ELLWOOD NATIONAL FORGE CO / IRVINE, PA	MIPR	AFMC/ OO-ALC	Apr 2013	Jul 2015	1,956	20,811.37	Y		
BOMB BODY, 2000LB BLU-109/B		2014	MNGT ELLWOOD NATIONAL FORGE CO / IRVINE, PA	MIPR	AFMC/ OO-ALC	Apr 2014	Jul 2016	2,622	16,982.05	Y		
BOMB BODY, 2000LB BLU-109/B	✓	2014	MNGT ELLWOOD NATIONAL FORGE CO / IRVINE, PA	MIPR	AFMC/ OO-ALC	Apr 2014	Jul 2016	16	16,982.05	Y		
CXM-AF-5		2012	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Jun 2012	Aug 2012	256,620	18.43	Y		
CXM-AF-5		2013	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Apr 2013	Feb 2014	330,990	18.74	Y		
CXM-AF-5		2014	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	445,808	22.57	Y		
CXM-AF-5	✓	2014	BAE SYSTEMS ORDNANCE SYSTEMS INC / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	2,805	22.57	Y		

**Remarks:**  
The Air Force purchases general purpose and practice bombs through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

The Load, Assemble and Pack lead time is lengthy and accommodates complex mixing and cure time required for the new insensitive munitions (IM) type explosive fill.

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Aggregated Item Name:</b> (ED58) MAU-209C/B
---	--	---

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>SUBTOTAL RECURRING</b>																				
<b>HARDWARE COST</b>																				
† MAU-209C/B - ED58	A		-	-	-	11,175.09	3,204	35.805	11,355.49	3,761	42.708	8,495.25	5,579	47.395	8,495.25	158	1.342	8,495.21	5,737	48.737
<b>Total</b>								<b>35.805</b>			<b>42.708</b>			<b>47.395</b>			<b>1.342</b>			<b>48.737</b>

**P-40A Remarks:**

Prices shown reflect the average unit cost of split-award contracts plus inflation. Due to the competitive nature of the currently qualified vendors, estimated unit costs are not available for planning purposes.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353020 - General Purpose Bombs	<b>Aggregated Item Name:</b> (ED58) MAU-209C/B
---	--	---

Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>SUBTOTAL RECURRING HARDWARE COST</b>												
MAU-209C/B - ED58		2012 <sup>(9)</sup>	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/ OO-ALC	May 2012	May 2013	3,204	11,175.09	Y		
MAU-209C/B - ED58		2013 <sup>(10)</sup>	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/ OO-ALC	May 2013	May 2014	3,761	11,355.49	Y		
MAU-209C/B - ED58		2014 <sup>(11)</sup>	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/ OO-ALC	May 2014	May 2015	5,579	8,495.25	Y		
MAU-209C/B - ED58	✓	2014 <sup>(12)</sup>	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/ OO-ALC	May 2014	May 2015	158	8,495.25	Y		

**Remarks:**  
Contracts are awarded based on past performance and the competitive environment present among qualified sources. When procurement quantities are sufficient, contracts can be split between vendors offering economic pricing and suitable delivery schedules. Raytheon and Lockheed-Martin are currently the only qualified sources.

Each company identifies its version of the Computer Control Group (CCG) as follows: The Lockheed-Martin version is MAU-209C/B, DODIC ED58. The Raytheon version is MAU-169L/B, DODIC EC42. Both versions are suitable for laser guided bombs (reference PAVEWAY), GBU-10/12 weapons and both can be purchased from the same contract regardless of which Noun/DODIC is specified on the Air Force purchase request.

Indicative data records in Air Force supply and financial systems can only accept one DODIC as the Master record. Therefore, DODIC ED58 which is the latest version recorded is shown on P-series budget exhibits, while contracts may reference either or both DODICs depending on the contract award.

**Footnotes:**

- <sup>(9)</sup> FY2012 will be an order off the FY2011 IDIQ contract.
- <sup>(10)</sup> FY2013 procurement will be an option off the FY2011 Basic Contract.
- <sup>(11)</sup> FY2014 procurement will be an option off the FY2011 Basic IDIQ.
- <sup>(12)</sup> FY2014 OCO procurement can be added to the FY2014 (Base) order as an option ff the FY2011 Basic Contract if funds are received in the same timeframe.

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01:  
Procurement of Ammo, Air Force / BSA 13: Bombs

**P-1 Line Item Nomenclature:**  
353020 - General Purpose Bombs

**Aggregated Item Name:**  
GENERAL PURPOSE BOMBS (ITEMS  
LESS THAN \$5 MILLION)

Items	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>Uncategorized</b>																				
LANYARD ASSY BOMB (EA67)	A		-	-	-	-	-	-	18.43	217	0.004	-	-	-	18.50	378	0.007	18.52	378	0.007
LANYARD (EA99)	A		-	-	-	-	-	-	15.97	313	0.005	-	-	-	16.00	563	0.009	15.99	563	0.009
BLU-110B/B GENERAL PURPOSE BOMB (ED41)	A		-	-	-	-	-	-	11,810.00	200	2.362	12,016.48	182	2.187	-	-	-	12,016.48	182	2.187
BLU-121 2000LB PENETRATOR BOMB	A		-	-	-	87,216.49	97	8.460	-	-	-	-	-	-	-	-	-	-	-	-
FIN ASSY BSU-33B/B (F782) <sup>(13)</sup>	A		-	-	-	124.83	28,222	3.523	212.52	18,761	3.987	-	-	-	-	-	-	-	-	-
CUP NOSESUPPORT MK81,82,83,84 (FW26) <sup>(14)</sup>	A		-	-	-	9.22	434	0.004	10.87	276	0.003	-	-	-	-	-	-	-	-	-
PLUG, NOSE FOR GP BOMB (G008) <sup>(15)</sup>	A		-	-	-	-	-	-	-	-	0.001	-	-	-	-	-	-	-	-	-
BLU-109 IM	A		-	-	-	-	-	-	-	-	2.000	-	-	2.000	-	-	-	-	-	2.000
BLU-109 LWIP	A		-	-	-	-	-	2.000	-	-	3.000	-	-	3.000	-	-	-	-	-	3.000
BLU-122 IM	A		-	-	-	-	-	3.019	-	-	-	-	-	-	-	-	-	-	-	-
GP BOMB IM PRODUCTION ENGINEERING	A		-	-	-	-	-	4.900	-	-	4.900	-	-	4.900	-	-	-	-	-	4.900
<b>Total</b>								<b>21.906</b>			<b>16.262</b>			<b>12.087</b>			<b>0.016</b>			<b>12.103</b>

**Footnotes:**  
 (13) FY12 OCO \$0.015, FY13 OCO \$0.639  
 (14) FY13 OCO \$0.003  
 (15) FY13 OCO \$0.001

UNCLASSIFIED

THIS PAGE INTENTIONALLY LEFT BLANK

UNCLASSIFIED

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force** **Date: May 2013**

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION
--	---

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
--	------------------------------------	---------------------------------

**MDAP/MAIS Code(s):** 503

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	153,445	4,259	4,678	6,965	2,879	9,844	2,104	3,775	3,915	2,689	-	184,709
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	3,531.977	127.249	155.844	188.510	84.459	272.969	102.474	135.100	145.107	109.035	-	4,579.755
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	3,531.977	127.249	155.844	188.510	84.459	272.969	102.474	135.100	145.107	109.035	-	4,579.755
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>3,531.977</b>	<b>127.249</b>	<b>155.844</b>	<b>188.510</b>	<b>84.459</b>	<b>272.969</b>	<b>102.474</b>	<b>135.100</b>	<b>145.107</b>	<b>109.035</b>	<b>-</b>	<b>4,579.755</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Millions</i> )	0.021	0.026	0.026	0.028	* **	0.028	0.030	0.031	0.033	0.034	-	0.022
Gross/Weapon System Unit Cost ( <i>Units in Millions</i> )	0.023	0.030	0.033	0.027	0.029	0.028	0.049	0.036	0.037	0.041	-	0.025

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

**Description:**

FY2012 funding totals include \$50.600M appropriated for Overseas Contingency Operations.

FY2013 funding totals include \$53.923M appropriated for Overseas Contingency Operations.

The Joint Direct Attack Munition (JDAM) program is a joint Air Force/Navy program with the Air Force as the lead service. Designated ACAT 1C, this program upgrades the existing inventory of general purpose bombs (MK-82, MK-83, MK-84 and BLU-109) by integrating the bombs with a field installed guidance kit using a global positioning system aided inertial navigation system (GPS/INS). JDAM provides an accurate, adverse weather capability. JDAM is integrated with the B-52H, B-2A, B-1B, F-16 (all variants), F/A-18A+/C/D/E/F, F-15E, AV-8B, A-10C and F-22A aircraft. Integration with the MQ-9 and F-35 are in progress.

PE associated with this P-1 Line is 0207583F.

Item Schedule	Exhibits	ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
JOINT DIRECT ATTACK MUNITION	P5, P5A, P21		0.023	153,445	3,531.977	0.030	4,259	127.249	0.033	4,678	155.844	0.027	6,965	188.510	0.029	2,879	84.459	0.028	9,844	272.969
<b>Total Gross/Weapon System Cost</b>					<b>3,531.977</b>			<b>127.249</b>			<b>155.844</b>			<b>188.510</b>			<b>84.459</b>			<b>272.969</b>

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION
--	---

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
---	---	--

**MDAP/MAIS Code(s):** 503

Item Schedule		ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total		
Item Nomenclature*	Exhibits		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)
JOINT DIRECT ATTACK MUNITION	P5, P5A, P21		0.049	2,104	102.474	0.036	3,775	135.100	0.037	3,915	145.107	0.041	2,689	109.035	-	-	-	0.025	184,709	4,579.755
<b>Total Gross/Weapon System Cost</b>					<b>102.474</b>			<b>135.100</b>			<b>145.107</b>			<b>109.035</b>			-			<b>4,579.755</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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

**Justification:**

The annual hardware purchase includes a mixture of JDAM guidance kits for the MK-82, MK-83, MK-84, and BLU-109, as well as precision laser guidance sensors for the MK-82 and MK-84.

The JDAM production contract will be renegotiated prior to the FY14 contract award which could impact unit prices for FY14 thru FY18.

FY2014 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

Note: FY14 and 15 quantities are inaccurate. Quantity and pricing were updated after the FY14PB submission.



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>										<b>Date:</b> May 2013			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs				<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION						<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> JOINT DIRECT ATTACK MUNITION			

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (Units in Each)	153,445	4,259	4,678	6,965	2,879	9,844	2,104	3,775	3,915	2,689	-	184,709
Gross/Weapon System Cost (\$ in Millions)	3,531.977	127.249	155.844	188.510	84.459	272.969	102.474	135.100	145.107	109.035	-	4,579.755
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3,531.977	127.249	155.844	188.510	84.459	272.969	102.474	135.100	145.107	109.035	-	4,579.755
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>3,531.977</b>	<b>127.249</b>	<b>155.844</b>	<b>188.510</b>	<b>84.459</b>	<b>272.969</b>	<b>102.474</b>	<b>135.100</b>	<b>145.107</b>	<b>109.035</b>	<b>-</b>	<b>4,579.755</b>

*(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 (Units in Millions)	0.023	0.030	0.033	0.027	0.029	0.028	0.049	0.036	0.037	0.041	-	0.025

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† JDAM TAIL KIT	A	0.021	153,445	3,268.492	0.026	4,259	111.474	0.026	4,678	123.338	0.021	6,965	147.889	0.029	2,879	84.459	0.024	9,844	232.348
† LASER SENSOR	A	-	-	31.657	-	-	-	0.011	1,500	17.180	0.015	1,483	22.500	-	-	-	0.015	1,483	22.500
ENGINEERING CHANGE ORDERS	A	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Recurring Cost</i>				<i>3,300.149</i>			<i>111.474</i>			<i>140.518</i>			<i>170.389</i>			<i>84.459</i>			<i>254.848</i>
<i>Total Hardware Cost</i>				<i>3,300.149</i>			<i>111.474</i>			<i>140.518</i>			<i>170.389</i>			<i>84.459</i>			<i>254.848</i>
Logistics Cost																			
Recurring Cost																			
TECHNICAL DATA	A	-	-	0.060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Total Recurring Cost</i>				<i>0.060</i>			<i>-</i>			<i>-</i>			<i>-</i>			<i>-</i>			<i>-</i>
<i>Total Logistics Cost</i>				<i>0.060</i>			<i>-</i>			<i>-</i>			<i>-</i>			<i>-</i>			<i>-</i>
Ancillary Equipment Cost																			
Recurring Cost																			
TEST EQUIPMENT (CMBRE)	A	-	-	7.536	-	-	0.200	-	-	-	-	-	-	-	-	-	-	-	-
† AIRBORNE TEST EQUIPMENT	A	-	-	52.121	0.031	153	4.797	0.040	123	4.971	0.036	148	5.391	-	-	-	0.036	148	5.391
<i>Total Recurring Cost</i>				<i>59.657</i>			<i>4.997</i>			<i>4.971</i>			<i>5.391</i>			<i>-</i>			<i>5.391</i>

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>														<b>Date: May 2013</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs							<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION							<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> JOINT DIRECT ATTACK MUNITION					

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Total Ancillary Equipment Cost				59.657			4.997			4.971			5.391			-			5.391
Support Cost																			
PMA - GOVERNMENT COSTS		-	-	34.948	-	-	1.921	-	-	1.406	-	-	1.606	-	-	-	-	-	1.606
ALTERNATE DISPUTE RESOLUTION		-	-	0.940	-	-	-	-	-	0.050	-	-	0.053	-	-	-	-	-	0.053
SYSTEM TEST & EVALUATION		-	-	0.222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAINING		-	-	3.791	-	-	1.606	-	-	-	-	-	-	-	-	-	-	-	-
PRODUCTION SUSTAINING ENGINEERING		-	-	94.896	-	-	6.146	-	-	7.653	-	-	9.611	-	-	-	-	-	9.611
CONTRACTOR INCENTIVE		-	-	33.604	-	-	1.105	-	-	1.246	-	-	1.460	-	-	-	-	-	1.460
DELIVERY ACCELERATION		-	-	2.753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEEK EAGLE		-	-	0.957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Support Cost				172.111			10.778			10.355			12.730			-			12.730
Gross Weapon System Cost				3,531.977			127.249			155.844			188.510			84.459			272.969

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† JDAM TAIL KIT	A	0.030	2,104	62.362	0.031	3,775	117.152	0.033	3,915	127.517	0.034	2,689	92.310	-	-	-	0.022	184,709	4,134.993
† LASER SENSOR	A	0.015	1,489	23.000	-	-	-	-	-	-	-	-	-	-	-	-	0.021	4,472	94.337
ENGINEERING CHANGE ORDERS	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Recurring Cost				85.362			117.152			127.517			92.310			-			4,229.330
Total Hardware Cost				85.362			117.152			127.517			92.310			-			4,229.330
Logistics Cost																			
Recurring Cost																			
TECHNICAL DATA	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.060
Total Recurring Cost				-			-			-			-			-			0.060
Total Logistics Cost				-			-			-			-			-			0.060

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>												<b>Date: May 2013</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs						<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION						<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> JOINT DIRECT ATTACK MUNITION					

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2015			FY 2016			FY 2017			FY 2018			To Complete			Total Cost		
		Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Ancillary Equipment Cost																			
Recurring Cost																			
TEST EQUIPMENT (CMBRE)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.736
† AIRBORNE TEST EQUIPMENT	A	0.037	150	5.562	0.038	150	5.662	0.038	130	4.996	0.039	112	4.381	-	-	-	0.091	966	87.881
<i>Total Recurring Cost</i>				5.562			5.662			4.996			4.381			-			95.617
<i>Total Ancillary Equipment Cost</i>				5.562			5.662			4.996			4.381			-			95.617
Support Cost																			
PMA - GOVERNMENT COSTS		-	-	1.640	-	-	1.674	-	-	1.709	-	-	1.745	-	-	-	-	-	46.649
ALTERNATE DISPUTE RESOLUTION		-	-	0.054	-	-	0.055	-	-	0.056	-	-	0.057	-	-	-	-	-	1.265
SYSTEM TEST & EVALUATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.222
TRAINING		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.397
PRODUCTION SUSTAINING ENGINEERING		-	-	9.243	-	-	9.399	-	-	9.568	-	-	9.630	-	-	-	-	-	156.146
CONTRACTOR INCENTIVE		-	-	0.613	-	-	1.158	-	-	1.261	-	-	0.912	-	-	-	-	-	41.359
DELIVERY ACCELERATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.753
SEEK EAGLE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.957
<i>Total Support Cost</i>				11.550			12.286			12.594			12.344			-			254.748
<b>Gross Weapon System Cost</b>				<b>102.474</b>			<b>135.100</b>			<b>145.107</b>			<b>109.035</b>			-			<b>4,579.755</b>

**P-5 Remarks:**

Note: FY14 and 15 quantities are inaccurate. Quantity and pricing were updated after the FY14PB submission.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION	<b>Item Nomenclature:</b> JOINT DIRECT ATTACK MUNITION
---	---	---

Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ M )</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†JDAM TAIL KIT		2011	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jan 2011	Jan 2012	14,492	0.026	Y		Apr 2007
†JDAM TAIL KIT		2012	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Nov 2011	Jun 2013	4,259	0.026	Y		Apr 2007
†JDAM TAIL KIT		2013	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Dec 2012	Apr 2014	4,678	0.026	Y		Apr 2007
†JDAM TAIL KIT		2014	BOEING / ST CHARLES, MO	SS / FPIF	AFMC/ OO-ALC	Jan 2014	Apr 2015	6,965	0.021	Y		Jul 2013
†JDAM TAIL KIT	✓	2014	BOEING / ST CHARLES, MO	SS / FPIF	AFMC/ OO-ALC	Jan 2014	Apr 2015	2,879	0.029	Y		Jul 2013
†JDAM TAIL KIT		2015	BOEING / ST CHARLES, MO	SS / FPIF	AFMC/ OO-ALC	Jan 2015	Apr 2016	2,104	0.030	Y		Jul 2013
†JDAM TAIL KIT		2016	BOEING / ST CHARLES, MO	SS / FPIF	AFMC/ OO-ALC	Jan 2016	Apr 2017	3,775	0.031	Y		Jul 2013
†JDAM TAIL KIT		2017	BOEING / ST CHARLES, MO	SS / FPIF	AFMC/ OO-ALC	Jan 2017	Apr 2018	3,915	0.033	Y		Jul 2013
†JDAM TAIL KIT		2018	BOEING / ST CHARLES, MO	SS / FPIF	AFMC/ OO-ALC	Jan 2018	Apr 2019	2,689	0.034	Y		Jul 2013
LASER SENSOR		2013	BOEING / ST CHARLES, MO	SS / FFP	NAVAIR	Feb 2013	Aug 2014	1,500	0.011	Y		May 2012
LASER SENSOR		2014	BOEING / ST CHARLES, MO	SS / FFP	NAVAIR	Feb 2014	Feb 2015	1,483	0.015	Y		May 2013
LASER SENSOR		2015	BOEING / ST CHARLES, MO	SS / FFP	NAVAIR	Feb 2015	Feb 2016	1,489	0.015	Y		May 2014
AIRBORNE TEST EQUIPMENT		2012	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Dec 2012	Feb 2014	153	0.031	Y		Jan 2012
AIRBORNE TEST EQUIPMENT		2013	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	May 2013	Jul 2014	123	0.040	Y		Jan 2013
AIRBORNE TEST EQUIPMENT		2014	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	May 2014	Jul 2015	148	0.036	Y		Jan 2014
AIRBORNE TEST EQUIPMENT		2015	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	May 2015	Jul 2016	150	0.037	Y		Jan 2015
AIRBORNE TEST EQUIPMENT		2016	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	May 2016	Jul 2017	150	0.038	Y		Jan 2016
AIRBORNE TEST EQUIPMENT		2017	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	May 2017	Jul 2018	130	0.038	Y		Jan 2017
AIRBORNE TEST EQUIPMENT		2018	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	May 2018	Jul 2019	112	0.039	Y		Jan 2018

**Remarks:**  
Note: FY14 and 15 quantities are inaccurate. Quantity and pricing were updated after the FY14PB submission.

**UNCLASSIFIED**

<b>Exhibit P-21, Budget Production Schedule:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs		<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION
		<b>Item Nomenclature:</b> JOINT DIRECT ATTACK MUNITION

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2011												Fiscal Year 2012												
O C C O	M F R #	FY	SERVICE <sup>±</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011												Calendar Year 2012											
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

JDAM TAIL KIT

All Prior Years Deliveries: 138953

1	2011	AF	14,492	-	14,492	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	45	600	906	892	804	750	840	874	710	8,071
1	2012	AF	4,259	-	4,259	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	4,259
1	2013	AF	4,678	-	4,678	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,678
1	2014	AF	6,965	-	6,965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,965
✓ 1	2014	AF	2,879	-	2,879	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,879
1	2015	AF	2,104	-	2,104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,104
1	2016	AF	3,775	-	3,775	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,775
1	2017	AF	3,915	-	3,915	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,915
1	2018	AF	2,689	-	2,689	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,689

O C C O	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
------------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------	-------------

**UNCLASSIFIED**

<b>Exhibit P-21, Budget Production Schedule:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs		<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION
		<b>Item Nomenclature:</b> JOINT DIRECT ATTACK MUNITION

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2013												Fiscal Year 2014													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
JDAM TAIL KIT																															
All Prior Years Deliveries: 138953																															
	1	2011	AF	14,492	6,421	8,071	702	857	82	339	339	339	339	340	300	300	300	300	300	301	301	301	301	301	394	395	94	94	94	94	564
	1	2012	AF	4,259	-	4,259	-	-	-	-	-	-	-	-	381	381	381	381	382	382	382	382	382	382	61						-
	1	2013	AF	4,678	-	4,678	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	316	315	315	415	365	365	2,587	
	1	2014	AF	6,965	-	6,965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	6,965	
✓	1	2014	AF	2,879	-	2,879	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	2,879	
	1	2015	AF	2,104	-	2,104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,104	
	1	2016	AF	3,775	-	3,775	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,775	
	1	2017	AF	3,915	-	3,915	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,915	
	1	2018	AF	2,689	-	2,689	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,689	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

**UNCLASSIFIED**

<b>Exhibit P-21, Budget Production Schedule:</b> PB Amended 2014 Air Force																				<b>Date:</b> May 2013									
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs										<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION										<b>Item Nomenclature:</b> JOINT DIRECT ATTACK MUNITION									

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2015										Fiscal Year 2016															
O C C O	M F R #	FY	SERVICE <sup>±</sup>	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
JDAM TAIL KIT																															
All Prior Years Deliveries: 138953																															
	1	2011	AF	14,492	13,928	564	94	94	94	94	94	94																-			
	1	2012	AF	4,259	4,259	-																						-			
	1	2013	AF	4,678	2,091	2,587	415	415	415	415	565	362																-			
	1	2014	AF	6,965	-	6,965	-	-	-	-	-	-	768	768	768	768	768	768	768	769	820							-			
✓	1	2014	AF	2,879	-	2,879	-	-	-	-	-	-	320	320	320	320	320	320	320	320	319							-			
	1	2015	AF	2,104	-	2,104	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,054			
	1	2016	AF	3,775	-	3,775	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,775			
	1	2017	AF	3,915	-	3,915	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,915			
	1	2018	AF	2,689	-	2,689	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,689			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

**UNCLASSIFIED**

<b>Exhibit P-21, Budget Production Schedule:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs		<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION
		<b>Item Nomenclature:</b> JOINT DIRECT ATTACK MUNITION

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2017												Fiscal Year 2018													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017												Calendar Year 2018												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
JDAM TAIL KIT																															
All Prior Years Deliveries: 138953																															
	1	2011	AF	14,492	14,492	-																									
	1	2012	AF	4,259	4,259	-																									
	1	2013	AF	4,678	4,678	-																									
	1	2014	AF	6,965	6,965	-																									
	✓ 1	2014	AF	2,879	2,879	-																									
	1	2015	AF	2,104	1,050	1,054	175	175	176	176	176	176																			
	1	2016	AF	3,775	-	3,775	-	-	-	-	-	-	314	314	314	314	314	315	315	315	315	315	315	315							
	1	2017	AF	3,915	-	3,915	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	326	326	326	326	326	326	1,959
	1	2018	AF	2,689	-	2,689	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	2,689
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L



**UNCLASSIFIED**

<b>Exhibit P-21, Budget Production Schedule:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION	<b>Item Nomenclature:</b> JOINT DIRECT ATTACK MUNITION

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2019												Fiscal Year 2020												
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019												Calendar Year 2020												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
JDAM TAIL KIT																															
All Prior Years Deliveries: 138953																															
	1	2011	AF	14,492	14,492	-																									-
	1	2012	AF	4,259	4,259	-																									-
	1	2013	AF	4,678	4,678	-																									-
	1	2014	AF	6,965	6,965	-																									-
	✓ 1	2014	AF	2,879	2,879	-																									-
	1	2015	AF	2,104	2,104	-																									-
	1	2016	AF	3,775	3,775	-																									-
	1	2017	AF	3,915	1,956	1,959	326	326	326	327	327	327																-			
	1	2018	AF	2,689	-	2,689	-	-	-	-	-	-	224	224	224	224	224	224	224	224	224	224	224	224	225			-			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

**UNCLASSIFIED**

<b>Exhibit P-21, Budget Production Schedule:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 13: Bombs	<b>P-1 Line Item Nomenclature:</b> 353620 - JOINT DIRECT ATTACK MUNITION	<b>Item Nomenclature:</b> JOINT DIRECT ATTACK MUNITION

MFR #	MFR Name - Location	Production Rates (Each / Month)			Procurement Leadtime (Months)								
		MSR	1-8-5	MAX	Initial				Reorder				
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	
1	BOEING - ST CHARLES, MO	3,250.00	15,840.00	16,800.00	-	-	-	-	-	-	4	16	20

**Remarks:**  
 FY11 deliveries extend for 39 months because FY11 funds procured 3 lots (lots 15, 16 and 17.) Additional FY2011 funds were received in late FY12.  
 "A" in the Delivery Schedule indicated the Contract Award Date.  
 Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force** **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B	<b>P-1 Line Item Nomenclature:</b> 356010 - Flares
---	---

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
---	---	--

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	57.966	57.736	55.864	14.973	70.837	75.782	107.453	97.756	94.545	-	562.075
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	57.966	57.736	55.864	14.973	70.837	75.782	107.453	97.756	94.545	-	562.075
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>57.966</b>	<b>57.736</b>	<b>55.864</b>	<b>14.973</b>	<b>70.837</b>	<b>75.782</b>	<b>107.453</b>	<b>97.756</b>	<b>94.545</b>	-	<b>562.075</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

**Description:**

FY2012 funding includes \$11.217M appropriated for Overseas Contingency Operations.

FY2013 funding includes \$11.726 requested for Overseas Contingency Operations.

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

- (L410) M206 Flare is an infrared countermeasures flare used by A-10, F-16, C-17, and AC-130 aircraft against heat seeking missiles. This item is procured through the Single Manager for Conventional Ammunition (SMCA)/Army.

- (L461) MJU-10 Flare is an infrared countermeasures flare used by A-10, F-15 and F-16 aircraft against heat seeking missiles. This item is procured through the Single Manager for Conventional Ammunition (SMCA)/Army.

- (L463) MJU-7 IR Flare is an infrared countermeasures flare applicable to the F-15 and F-16 aircraft. It creates an infrared signature and acts as a decoy against heat seeking missiles. The flare pyrotechnic candle is ejected from the ALE-40 dispenser by a small explosive BBU-36 Impulse Cartridge contained in the flare case. This item is procured through the Single Manager for Conventional Ammunition (SMCA)/Army.

- (LA43) MJU-64 is a hermetically sealed aluminum case purged with nitrogen containing a payload of stacked special material elements which react to air. When deployed into the air stream, the special material reacts to emit an infrared signal to decoy infrared seeking missiles. This flare is required to provide the C-130 and A-10 aircraft, HH-53 and HH-60 helicopters protection against advanced air-to-air and surface-to-air infrared weapon systems. This item is procured by Ogden ALC from the Navy.

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B **P-1 Line Item Nomenclature:** 356010 - Flares

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

**MDAP/MAIS Code(s):**

- (LA67) MJU-71 IR Flare is a magnesium based thrusting flare used in a cocktail mix of flares on aircraft to improve the dispense patterns and effectiveness of the countermeasures against heat-seeking missile threats. The 1x1x8 inch size provides better protection of the aircraft and flight crew. Other versions of thrusting flares are larger and use more space in the flare dispensers, severely limiting the number of ejection events. Initially approved for use on the C-130, A-10 and F-16 aircraft with on-going tests for use on other platforms. This item is procured by Ogden ALC.

- Items Less Than Five Million Dollars: All items have an annual procurement of less than \$5,000,000 and are Code A.

PEs associated with this P-1 Line are 0207224F, 0208030F and 0207599F.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		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)
(L410) M206 FLARE	P5, P5A						13.811			18.647			20.000			3.072			23.072	
(L461) MJU-10 FLARE	P5, P5A						14.387			7.774			8.259			0.905			9.164	
(L463) MJU-7A/B, IR FLARE	P5, P5A						7.155			12.456			10.130			0.286			10.416	
(LA43) MJU-64 IR CM FLARE	P40A, P5A						5.400			9.162			1.000			7.376			8.376	
(LA67) FLARE, IR, CM (MJU-71/B)	P40A, P5A						-			-			8.518			-			8.518	
FLARES (ITEMS LESS THAN \$5 MILLION)	P40A						17.213			9.697			7.957			3.334			11.291	
<b>Total Gross/Weapon System Cost</b>							<b>57.966</b>			<b>57.736</b>			<b>55.864</b>			<b>14.973</b>			<b>70.837</b>	

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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

**Justification:**

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.

FY2014 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

Items requested in FY2014 are identified on the following P-5 or P-40A and are representative of items to be procured.

Items procured during execution may change based on the most critical equipment needed to support current Air Force mission requirements.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B		<b>P-1 Line Item Nomenclature:</b> 356010 - Flares
		<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (L410) M206 FLARE

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total
Procurement Quantity (Units in Each)	-	445,100	503,280	548,908	85,966	634,874
Gross/Weapon System Cost (\$ in Millions)	-	13.811	18.647	20.000	3.072	23.072
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	13.811	18.647	20.000	3.072	23.072
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>13.811</b>	<b>18.647</b>	<b>20.000</b>	<b>3.072</b>	<b>23.072</b>

*(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 (Units in Dollars)	-	31.03	37.05	36.44	35.74	36.34

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

Cost Elements († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† M206 FLARE - L410	A	-	-	-	30.00	445,100	13.353	35.98	503,280	18.108	35.70	548,908	19.596	35.70	85,966	3.069	35.70	634,874	22.665
<i>Total Recurring Cost</i>				-			13.353			18.108			19.596			3.069			22.665
<i>Total Hardware Cost</i>				-			13.353			18.108			19.596			3.069			22.665
Support Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.448	-	-	0.531	-	-	0.396	-	-	-	-	-	0.396
QUALITY ASSURANCE		-	-	-	-	-	0.010	-	-	0.008	-	-	0.008	-	-	0.003	-	-	0.011
<i>Total Support Cost</i>				-			0.458			0.539			0.404			0.003			0.407
<b>Gross Weapon System Cost</b>				-			<b>13.811</b>			<b>18.647</b>			<b>20.000</b>			<b>3.072</b>			<b>23.072</b>

**P-5 Remarks:**

The Single Manager for Conventional Ammunition (SMCA), Department of Army provides this cost analysis with estimates obtained from industry based on quantity range matrices and forecasted cost of materials.

**UNCLASSIFIED**

<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B				<b>P-1 Line Item Nomenclature:</b> 356010 - Flares				<b>Item Nomenclature:</b> (L410) M206 FLARE				
Cost Elements	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M206 FLARE - L410		2012 <sup>(1)</sup>	ARMTEC & KILGORE / COACHELLA, CA & TOONE, TN	MIPR	AFMC/ OO-ALC	Mar 2012	Nov 2012	445,100	30.00	Y		
M206 FLARE - L410		2013 <sup>(2)</sup>	ARMTEC & KILGORE / COACHELLA, CA & TOONE, TN	MIPR	AFMC/ OO-ALC	Mar 2013	Nov 2013	503,280	35.98	Y		
M206 FLARE - L410		2014 <sup>(3)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	548,908	35.70	Y		
M206 FLARE - L410	✓	2014 <sup>(4)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	85,966	35.70	Y		

**Remarks:**  
The Single Manager for Conventional Ammunition (SMCA) purchases the M206 Flare for the Air Force. The contracting activities and production schedules shown represent the SMCA's efforts to obtain the flares, and facilitate reliable delivery schedules of a production line that is shared among Air Force, other DoD and Foreign Military Sales (FMS) customers.

The SMCA executes split-award contracts based on past performance and the competitive environment present between technically qualified sources.

**Footnotes:**

- (1) FY2012 procurement will be an option of the FY2009 Basic contract which was split betwvn ARMTEC and KILGORE.
- (2) FY2013 procurement is the last option of the FY2009 basic contract and will be split between ARMTEC and KILGORE.
- (3) FY2014 procurement will be exeucted on a new basic contract with at least 4 ordering year options. Contract may be a split award, or "winner take all" based on the competitive environment present between technically qualified sources. Presently, ARMTEC and KILGORE are the only known qualified sources.
- (4) FY2014 OCO funds will be added to the new FY2014 basic contract and will be considered part of the first ordering period, if funds are received timely.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B	<b>P-1 Line Item Nomenclature:</b> 356010 - Flares	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (L461) MJU-10 FLARE

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	14.387	7.774	8.259	0.905	9.164
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	14.387	7.774	8.259	0.905	9.164
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>14.387</b>	<b>7.774</b>	<b>8.259</b>	<b>0.905</b>	<b>9.164</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† MJU-10 FLARE - L461	A	-	-	-	175.00	82,200	14,385	200.85	38,670	7,767	195.70	22,100	4,325	195.70	4,619	0.904	195.70	26,719	5,229
<i>Total Recurring Cost</i>				-			14,385			7,767			4,325			0.904			5,229
<i>Total Hardware Cost</i>				-			14,385			7,767			4,325			0.904			5,229
Support Cost																			
QUALITY ASSURANCE		0.00	0	0.000	-	-	0.002	-	-	0.007	-	-	3.934	-	-	0.001	-	-	3.935
<i>Total Support Cost</i>				0.000			0.002			0.007			3.934			0.001			3.935
<b>Gross Weapon System Cost</b>				-			<b>14.387</b>			<b>7.774</b>			<b>8.259</b>			<b>0.905</b>			<b>9.164</b>

**P-5 Remarks:**

The Single Manager for Conventional Ammunition (SMCA), Department of Army provides this cost analysis with estimates obtained from industry based on quantity range matrices and forecasted cost of materials.

**UNCLASSIFIED**

<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B				<b>P-1 Line Item Nomenclature:</b> 356010 - Flares				<b>Item Nomenclature:</b> (L461) MJU-10 FLARE				
Cost Elements	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
MJU-10 FLARE - L461		2012 <sup>(5)</sup>	ARMTEC & KILGORE / COACHELLA, CA & TOONE, TN	MIPR	AFMC/ OO-ALC	Mar 2012	Mar 2013	82,200	175.00	Y		
MJU-10 FLARE - L461		2013 <sup>(6)</sup>	ARMTEC & KILGORE / COACHELLA, CA & TOONE, TN	MIPR	AFMC/ OO-ALC	Mar 2013	Mar 2014	38,670	200.85	Y		
MJU-10 FLARE - L461		2014 <sup>(7)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	May 2014	May 2015	22,100	195.70	Y		
MJU-10 FLARE - L461	✓	2014 <sup>(8)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	May 2014	May 2015	4,619	195.70	Y		

**Remarks:**  
The Single Manager for Conventional Ammunition (SMCA) purchases the MJU-10 Countermeasure Flare for the Air Force. The contracting activities and production schedules shown represent the SMCA's efforts to obtain the flares, and facilitate reliable delivery schedules of a production line that is shared among Air Force, other DoD and Foreign Military Sales (FMS) customers.

**Footnotes:**

<sup>(5)</sup> FY2012 procurement will be an option of the FY2009 Basic contract which has at least 4 option years. The Basic contract was split between ARMTEC and KILGORE.

<sup>(6)</sup> FY2013 procurement will be the last option of the FY2009 Basic contract which had been split between ARMTEC and KILGORE.

<sup>(7)</sup> FY2014 procurement will be executed on a new basic contract, which may be split or "winner take all" awarded in a competitive environment present between technically qualified sources. ARMTEC and KILGORE are currently the only known sources.

<sup>(8)</sup> FY2014 OCO procurement will be executed on the FY2014 new basic contract in the first ordering period if funds are received timely. Otherwise will be placed on the following ordering period.



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B	<b>P-1 Line Item Nomenclature:</b> 356010 - Flares	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (L463) MJU-7A/B, IR FLARE

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	142,900	228,307	190,051	5,351	195,402
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	7.155	12.456	10.130	0.286	10.416
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	7.155	12.456	10.130	0.286	10.416
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>7.155</b>	<b>12.456</b>	<b>10.130</b>	<b>0.286</b>	<b>10.416</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	50.07	54.56	53.30	53.45	53.31

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† MJU-7A/B IR FLARE - L463	A	-	-	-	50.00	142,900	7.145	54.51	228,307	12.445	53.26	190,051	10.122	53.26	5,351	0.285	53.26	195,402	10.407
<i>Total Recurring Cost</i>				-			7.145			12.445			10.122			0.285			10.407
<i>Total Hardware Cost</i>				-			7.145			12.445			10.122			0.285			10.407
Support Cost																			
QUALITY ASSURANCE		0.00	0	0.000	-	-	0.010	-	-	0.011	-	-	0.008	-	-	0.001	-	-	0.009
<i>Total Support Cost</i>				0.000			0.010			0.011			0.008			0.001			0.009
<b>Gross Weapon System Cost</b>				-			<b>7.155</b>			<b>12.456</b>			<b>10.130</b>			<b>0.286</b>			<b>10.416</b>

**P-5 Remarks:**

The Single Manager for Conventional Ammunition (SMCA), Department of Army provides this cost analysis with estimates obtained from industry based on quantity range matrices and forecasted cost of materials.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B	<b>P-1 Line Item Nomenclature:</b> 356010 - Flares	<b>Item Nomenclature:</b> (L463) MJU-7A/B, IR FLARE
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
MJU-7A/B IR FLARE - L463		2012 <sup>(9)</sup>	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/ OO-ALC	Mar 2012	Jan 2014	142,900	50.00	Y		
MJU-7A/B IR FLARE - L463		2013 <sup>(10)</sup>	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/ OO-ALC	Mar 2013	Jan 2015	228,307	54.51	Y		
MJU-7A/B IR FLARE - L463		2014 <sup>(11)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	190,051	53.26	Y		
MJU-7A/B IR FLARE - L463	✓	2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	5,351	53.26	Y		

**Remarks:**  
The Single Manager for Conventional Ammunition (SMCA) purchases the MJU-7 Infrared Countermeasure Flare for the Air Force. The contracting activities and production schedules shown represent the SMCA's efforts to obtain the flares, and facilitate reliable delivery schedules of a production line that is shared among Air Force, other DoD and Foreign Military Sales (FMS) customers.

**Footnotes:**  
<sup>(9)</sup> FY2012 procurement will be an option of the FY2009 Basic contract which was split between ARMTEC and KILGORE.  
<sup>(10)</sup> FY2013 procurement will be an option of the FY2009 Basic contract which was split between ARMTEC and KILGORE.  
<sup>(11)</sup> FY2014 procurement will be executed on a new basic contract, awarded competitively as a split award, or "winner take all" to technically qualified source(s). Presently, ARMTEC and KILGORE are the only known sources.

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B	<b>P-1 Line Item Nomenclature:</b> 356010 - Flares	<b>Aggregated Item Name:</b> (LA43) MJU-64 IR CM FLARE
--	---	---

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>TOTAL RECURRING</b>																				
<b>HARDWARE COST</b>																				
† MJU-64 IR CM FLARE - LA43	A		-	-	-	87.00	62,068	5,400	88.00	104,114	9,162	89.00	11,236	1,000	89.00	82,876	7,376	89.00	94,112	8,376
<b>Total</b>					-			<b>5,400</b>			<b>9,162</b>			<b>1,000</b>			<b>7,376</b>			<b>8,376</b>

**P-40A Remarks:**  
 FY13 and FY14 unit prices are provided by the Navy and are based on estimates from industry.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B	<b>P-1 Line Item Nomenclature:</b> 356010 - Flares	<b>Aggregated Item Name:</b> (LA43) MJU-64 IR CM FLARE
--	---	---

Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>TOTAL RECURRING HARDWARE COST</b>												
MJU-64 IR CM FLARE - LA43		2012 <sup>(12)</sup>	ALLOY SURFACES / CHESTER, PA	MIPR	AFMC/ OO-ALC	Nov 2012	Dec 2013	62,068	87.00	Y		
MJU-64 IR CM FLARE - LA43		2013 <sup>(13)</sup>	ALLOY SURFACES / CHESTER, PA	MIPR	AFMC/ OO-ALC	Mar 2013	Mar 2014	104,114	88.00	Y		
MJU-64 IR CM FLARE - LA43		2014 <sup>(14)</sup>	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	11,236	89.00	Y		
MJU-64 IR CM FLARE - LA43	✓	2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Mar 2014	Mar 2015	82,876	89.00	Y		

**Footnotes:**  
<sup>(12)</sup> FY2012 procurement will be executed on the FY2011 contract administered by the Navy.  
<sup>(13)</sup> FY2013 procurement will be executed on the FY2011 basic contract administered by the Navy.  
<sup>(14)</sup> FY2014 procurements will be accomplished through the Single Manager for Conventional Ammunition (SMCA), using competitive procedures among qualified sources. Currently Alloy is the only known source for this item.

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B	<b>P-1 Line Item Nomenclature:</b> 356010 - Flares	<b>Aggregated Item Name:</b> (LA67) FLARE, IR, CM (MJU-71/B)
--	---	---

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>SUBTOTAL RECURRING HARDWARE</b>																				
† (LA67) MJU-71 INFRARED COUNTERMEASURE FLARE	A		-	-	-	-	-	-	-	-	683.00	12,471	8.518	-	-	-	683.00	12,471	8.518	
<b>Total</b>					-			-					8.518			-			8.518	

**P-40A Remarks:**  
Unit prices are estimates from industry.

**UNCLASSIFIED**

<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B				<b>P-1 Line Item Nomenclature:</b> 356010 - Flares				<b>Aggregated Item Name:</b> (LA67) FLARE, IR, CM (MJU-71/B)				
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>SUBTOTAL RECURRING HARDWARE</b>												
(LA67) MJU-71 INFRARED COUNTERMEASURE FLARE		2014	UNKNOWN / UNKNOWN	TBD	AFMC/ OO-ALC	Jun 2014	Jun 2015	12,471	683.00	Y		

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B	<b>P-1 Line Item Nomenclature:</b> 356010 - Flares	<b>Aggregated Item Name:</b> FLARES (ITEMS LESS THAN \$5 MILLION)
--	---	--

Items	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>Uncategorized</b>																				
(L119) SIGNAL, PERSONNEL DISTRESS	A		-	-	-	122.52	14,912	1.827	-	-	-	-	-	-	-	-	-	-	-	-
(L462) MJU-23A/B IR COUNTERMEASURE (15)	A		-	-	-	-	-	-	623.76	455	0.284	-	-	-	-	-	-	-	-	-
(L554) MARKER, LOCATION MARINE MK25 (16)	A		-	-	-	286.58	3,049	0.874	416.67	12	0.005	-	-	-	-	-	-	-	-	-
(LA15) M212 ACFT COUNTERMEASURE (17)	A		-	-	-	-	-	-	176.01	1,784	0.314	-	-	-	-	-	-	-	-	-
(LA19) MJU-50 (4.2g) FLARE (18)	A		-	-	-	-	-	-	70.62	22,713	1.604	-	-	-	61.54	54,176	3.334	61.54	54,176	3.334
(LA20) MJU-51 FLARE, DECOY, INFRARED (19)	A		-	-	-	125.95	3,278	0.413	126.99	4,449	0.565	-	-	-	-	-	-	-	-	-
(LA21) MJU-53 FLARE, IR COUNTERMEASURE (20)	A		-	-	-	56.50	2,296	0.130	57.00	3,684	0.210	-	-	-	-	-	-	-	-	-
(LA29) LUU-19 FLARE, AIRCRAFT (21)	A		-	-	-	-	-	-	1,366.37	333	0.455	-	-	-	-	-	-	-	-	-
(LA32/33) MJU39/40 INFRARED COUNTERMEASURE	A		-	-	-	1,466.14	4,209	6.171	-	-	-	-	-	-	-	-	-	-	-	-
(LA36) MJU-62 FLARE, COUNTERMEASURE TH7 (22)	A		-	-	-	-	-	-	198.02	4,848	0.960	-	-	-	-	-	-	-	-	-
(LA60) SIGNAL, SMOKE & ILLUM, MK-124 MOD 1 (was L283) (23)	A		-	-	-	59.98	19,262	1.155	-	-	-	-	-	-	-	-	-	-	-	-
(LA67) MJU-71 INFRARED COUNTERMEASURE FLARE (24)	A		-	-	-	-	-	-	288.50	7,806	2.252	-	-	-	-	-	-	-	-	-
MJU-68 INFRARED COUNTERMEASURE FLARE	A		-	-	-	-	-	-	-	-	-	450.00	5,400	2.430	-	-	-	450.00	5,400	2.430
MJU-69 INFRARED COUNTERMEASURE FLARE	A		-	-	-	-	-	-	-	-	-	450.00	5,400	2.430	-	-	-	450.00	5,400	2.430

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 15: Flare, IR MJU-7B	<b>P-1 Line Item Nomenclature:</b> 356010 - Flares	<b>Aggregated Item Name:</b> FLARES (ITEMS LESS THAN \$5 MILLION)
--	---	--

Items	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
COMBAT SEARCH AND RESCUE	A		-	-	-	-	-	6.643	-	-	3.048	-	-	3.097	-	-	-	-	-	3.097
<b>Total</b>					-			<b>17.213</b>			<b>9.697</b>			<b>7.957</b>			<b>3.334</b>			<b>11.291</b>

**Footnotes:**

- (15) (L462) MJU-23 IR CM FLARE - fy2013 OCO \$0.284
- (16) (L554) MARKER, MARINE LOCATION MK25-3 - FY2012 OCO \$0.874
- (17) (LA15) M212 FLARE FY2013 OCO \$0.314
- (18) (LA19) MJU-50 FLARE FY2013 OCO \$1.604
- (19) (LA20) MJU-51 INFRARED FLARE - FY2012 OCO \$0.413, FY2013 OCO \$0.565
- (20) (LA21) MJU-53 IR COUNTERMEASURE FLARE - FY2012 OCO\$0.130, FY2013 OCO \$0.210
- (21) (LA29) LUU-19 FY2013 OCO \$0.455
- (22) (LA36) MJU-7 FY2013 OCO \$0.960
- (23) (LA60) SIGNAL, SMOKE & ILLUMINATION - FY2012 OCO \$1.155
- (24) (LA67) MJU-71/B IR COUNTERMEASURE FLARE - FY2014 justified on P40, P40A, P5A



**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force** **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes	<b>P-1 Line Item Nomenclature:</b> 356120 - Fuzes
--	--

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
---	---	--

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	43.585	44.957	76.037	3.859	79.896	104.511	115.248	117.792	88.049	-	594.038
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	43.585	44.957	76.037	3.859	79.896	104.511	115.248	117.792	88.049	-	594.038
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>43.585</b>	<b>44.957</b>	<b>76.037</b>	<b>3.859</b>	<b>79.896</b>	<b>104.511</b>	<b>115.248</b>	<b>117.792</b>	<b>88.049</b>	-	<b>594.038</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

**Description:**

FY2012 funding includes \$8.765M appropriated for Overseas Contingency Operations.

FY2013 funding includes \$8.513M appropriated for Overseas Contingency Operations.

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

- FMU-152A/B Joint Programmable Fuze (JPF) (EC11): A Joint AF/Navy multi-function unitary fuze developed and procured for the Joint Direct Attack Munition and other conventional inventory weapons. The Air Force is the lead service for procurement of the JPF. The FMU-152A/B provides a highly reliable bomb fuze with multiple arm times, instantaneous and multiple short and long delay detonation times, hard target survivability, cockpit programmability, and increased service/shelf life. The JPF is compatible with MK-80 series guided and unguided bombs. It will replace or supplement FMU-139, FMU-143, FMU-124, and M904/M905 fuzes, and provide the next generation of fuzing capability for hard target, general purpose, and guided bombs. This item is procured through the Air Armament Center, Eglin AFB, Florida. FY2012 funding includes \$6.710 appropriated for Overseas Contingency Operations. FY2013 funding includes \$6.690 requested for Overseas Contingency Operations.
  
- DSU-33D/B Proximity Sensor (KY70): A battery operated, RF, Doppler radar proximity sensor. It is used to provide low altitude proximity function to the bomb fuze. The sensor interfaces with FMU-143, FMU-139 and FMU-152 fuzes. The DSU-33D/B replaces the DSU-33C/B (GY33). This item will be procured through the Army Single Manager for Conventional Ammunition. FY2012 funding includes \$2.055M appropriated for Overseas Contingency Operations. FY2013 funding includes \$1.728M requested for Overseas Contingency Operations.
  
- FMU-143S/B Fuze: Used to arm the bomb after release from the aircraft. Primarily applicable to precision guided munitions and penetrator bombs such as the BLU-109. Designed with insensitive munitions technology, it is the primary fuze of the FMU-143 generation for all aircraft and weapons hard target penetration applications. This item is procured through the Single Manager for Conventional Ammunition (SMCA)/Army. FY2013 funding totals include \$0.095 requested for Overseas Contingency Operations.

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet:** PB Amended 2014 Air Force **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes

**P-1 Line Item Nomenclature:**  
356120 - Fuzes

**ID Code** (A=Service Ready, B=Not Service Ready) : A **Program Elements for Code B Items:** **Other Related Program Elements:**

**MDAP/MAIS Code(s):**

- Hard Target Void Sensing Fuze (HTVSF) is an advanced system designed to provide fuzing and void sensing functions, enabling a weapon to penetrate and destroy hardened targets protected by multiple layers of soil and/or reinforced concrete. The HTVSF provides for in-flight programming, safing and arming, multi-function (time delay and void sensing) and multi-delay arming capabilities. The United States Air Force (USAF) and Department of the Navy (DON) will employ HTVSF in penetrator warheads (BLU-109, BLU-113), contributing to ability to strike and functionally defeat high value/high payoff targets in order to achieve strategic and operational objectives. This item is procured through the Air Force Life Cycle Management Center (AFLCMC) Eglin AFB, Florida.

- Items Less Than Five Million Dollars: Various fuzes, to include inert training items, that have an annual procurement value of less than \$5,000,000 and are code A.

PEs associated with this P-1 Line are 0208030F and 0207599F.

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.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		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)
(ED29) FMU-143S/B 60 MIL SEC FUZE	P5, P5A				-			-			-			6.122			-			6.122
(KY70) DSU-33D/B PROX SENSOR	P40A, P5A				-		10.031	9.124			6.479			-						6.479
(EC11) FUZE SYSTEM FMU-152A/B JPF	P40A, P5A			0.000			25.317	24.907			41.756			3.859						45.615
FUZES (ITEMS LESS THAN \$5 MILLION)	P40A				-		8.237	10.926			2.400			-						2.400
HARD TARGET VOID SENSING FUZE (HTVSF)	P5, P5A				-			-			19.280			-						19.280
<b>Total Gross/Weapon System Cost</b>					-		<b>43.585</b>	<b>44.957</b>			<b>76.037</b>			<b>3.859</b>						<b>79.896</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

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

**Justification:**

FY2014 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

Items requested in FY2014 are identified on the following P-5 or P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes	<b>P-1 Line Item Nomenclature:</b> 356120 - Fuzes	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> (ED29) FMU-143S/B 60 MIL SEC FUZE

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	-	-	1,356	-	1,356
Gross/Weapon System Cost (\$ in Millions)	-	-	-	6.122	-	6.122
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	6.122	-	6.122
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	-	<b>6.122</b>	-	<b>6.122</b>

*(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 (Units in Dollars)	-	-	-	4,514.75	-	4,514.75

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† LOAD, ASSEMBLE, PACK (LAP)	A	-	-	-	-	-	-	-	-	4,454.16	1,356	6.040	-	-	-	4,454.16	1,356	6.040	
† PA60 CONTAINER	A	-	-	-	-	-	-	-	-	35.89	1,424	0.051	-	-	-	35.89	1,424	0.051	
† PBXN-11	A	-	-	-	-	-	-	-	-	37.91	460	0.017	-	-	-	37.91	460	0.017	
<i>Total Recurring Cost</i>												6.108						6.108	
<i>Total Hardware Cost</i>												6.108						6.108	
Support Cost																			
QUALITY ASSURANCE		-	-	-	-	-	-	-	-	-	-	0.014	-	-	-	-	-	0.014	
<i>Total Support Cost</i>												0.014						0.014	
<b>Gross Weapon System Cost</b>												<b>6.122</b>						<b>6.122</b>	

**P-5 Remarks:**

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army. Prices shown represent the SMCA efforts to obtain hardware, containers, pallets, straps, explosive material, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack the Air Force order. Cost drivers may include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases).

Load, Assemble and Pack (LAP) costs are applicable to production, build-up and packaging the individual round. The LAP quantity is the number of completed fuzes to be delivered into the AF inventory.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes	<b>P-1 Line Item Nomenclature:</b> 356120 - Fuzes	<b>Item Nomenclature:</b> (ED29) FMU-143S/B 60 MIL SEC FUZE
---	--	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
LOAD, ASSEMBLE, PACK (LAP)		2014	ALLIANT TACTICAL PROPULSION & CNTRL / KEYSER, WV	MIPR	AFMC/ OO-ALC	Apr 2014	Oct 2015	1,356	4,454.16	Y		
PA60 CONTAINER		2014	UNKNOWN / UNKNOWN	MIPR	AFMC/ OO-ALC	Apr 2014	Feb 2015	1,424	35.89	Y		
PBXN-11		2014	BAE SYSTEMS ORDNANCE SYS INC / KINGSPORT, TN	MIPR	AFMC/ OO-ALC	Apr 2014	Dec 2014	460	37.91	Y		

**Remarks:**  
The Air Force purchases FMU-143 Fuzes through the Single Manager for Conventional Ammunition (SMCA), Department of the Army. The SMCA procures the materials needed to complete the end item utilizing contract methods and types necessary to support the Military Services purchasing the same or similar items. The contracting activities shown represent the SMCA efforts to obtain hardware, explosive fill, pallets, boxes, lugs, etc. for the Military Services and to load, assemble and pack the completed rounds to fulfill the Air Force order.

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01:  
Procurement of Ammo, Air Force / BSA 16: Fuzes

**P-1 Line Item Nomenclature:**  
356120 - Fuzes

**Aggregated Item Name:**  
(KY70) DSU-33D/B PROX SENSOR

Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>SUBTOTAL RECURRING HARDWARE COST</b>																				
† DSU-33D/B PROXIMITY SENSOR - KY70	A		-	-	-	1,022.84	9,807	10.031	1,230.00	7,418	9.124	1,793.57	3,609	6.473	-	-	-	1,793.57	3,609	6.473
<i>Subtotal SUBTOTAL RECURRING HARDWARE COST</i>					-			10.031			9.124			6.473			-			6.473
<b>SUBTOTAL SUPPORT COST</b>																				
QUALITY ASSURANCE	A		-	-	-	-	-	-	-	-	-	-	-	0.006	-	-	-	-	-	0.006
<i>Subtotal SUBTOTAL SUPPORT COST</i>					-			-			-			0.006			-			0.006
<b>Total</b>					-			10.031			9.124			6.479			-			6.479

**P-40A Remarks:**

Prices are provided by the Single Manager for Conventional Ammunition (SMCA), Department of the Army and represent estimates from the current sole source manufacturer. Quality Assurance costs are paid to the Army.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes	<b>P-1 Line Item Nomenclature:</b> 356120 - Fuzes	<b>Aggregated Item Name:</b> (KY70) DSU-33D/B PROX SENSOR
---	--	--

Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>SUBTOTAL RECURRING HARDWARE COST</b>												
DSU-33D/B PROXIMITY SENSOR - KY70		2013	ALLIANT TACTICAL PROPULSION & CONTRL / KEYSER, WV	MIPR	AFMC/ OO-ALC	Apr 2013	Jun 2015	7,418	1,230.00	Y		
DSU-33D/B PROXIMITY SENSOR - KY70		2014	ALLIANT TACTICAL PROPULSION & CNTRL / KEYSER, WV	MIPR	AFMC/ OO-ALC	Apr 2014	Dec 2015	3,609	1,793.57	Y		

**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes	<b>P-1 Line Item Nomenclature:</b> 356120 - Fuzes	<b>Aggregated Item Name:</b> (EC11) FUZE SYSTEM FMU-152A/B JPF
---	--	--

Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>SUBTOTAL RECURRING HARDWARE</b>																				
† FMU-152A/B FUZE CURRENT/FOLLOW-ON CONTRACT <sup>(1)</sup>	A		0.00	0	0.000	4,000.00	6,329	25.317	4,672.11	5,331	24.907	4,000.00	10,439	41.756	4,000.00	965	3.859	3,999.91	11,404	45.615
<b>Total</b>					<b>0.000</b>			<b>25.317</b>			<b>24.907</b>			<b>41.756</b>			<b>3.859</b>			<b>45.615</b>

**P-40A Remarks:**

A follow-on contract with a Basic plus 2 options will be awarded FY13. \$20M in FY11 OCO funding received Oct 2012 will be combined with FY12 and FY13 funding to award on the follow-on contract. Residual FY13 funding will be held for the FY14 option of the follow-on contract to achieve EOQ.

**Footnotes:**

<sup>(1)</sup> Unit prices will be adjusted after contract negotiations are complete.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes	<b>P-1 Line Item Nomenclature:</b> 356120 - Fuzes	<b>Aggregated Item Name:</b> (EC11) FUZE SYSTEM FMU-152A/B JPF
---	--	--

Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
<b>SUBTOTAL RECURRING HARDWARE</b>												
FMU-152A/B FUZE CURRENT/ FOLLOW-ON CONTRACT		2011	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / FFP	AFLCMC/PK Eglin AFB, FL	Mar 2011	May 2013	19,648	3,905.75	Y		
FMU-152A/B FUZE CURRENT/ FOLLOW-ON CONTRACT		2011 <sup>(2)</sup>	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / FFP	AFLCMC/PK Eglin AFB, FL	Mar 2013	Mar 2014	5,094	3,926.16	Y		
FMU-152A/B FUZE CURRENT/ FOLLOW-ON CONTRACT		2012	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / FFP	AFLCMC/PK Eglin AFB, FL	Mar 2013	Mar 2014	6,329	4,000.00	Y		
FMU-152A/B FUZE CURRENT/ FOLLOW-ON CONTRACT		2013	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / FFP	AFLCMC/PK Eglin AFB, FL	Mar 2013	Mar 2014	5,331	4,672.11	Y		
FMU-152A/B FUZE CURRENT/ FOLLOW-ON CONTRACT		2014 <sup>(3)</sup>	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / FFP	AFLCMC/PK Eglin AFB, FL	Nov 2013	Mar 2015	10,439	4,000.00	Y		
FMU-152A/B FUZE CURRENT/ FOLLOW-ON CONTRACT	✓	2014 <sup>(4)</sup>	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / FFP	AFLCMC/PK Eglin AFB, FL	Nov 2013	Mar 2015	965	4,000.00	Y		

**Remarks:**  
This acquisition was initially competed under a full and open competition for priced production lots 1-5. It also included a Production Price Commitment Curve (PPCC) for the remaining quantities (production lots 6-9). Contractor notified the government that it cannot meet the PPCC for the remaining productions lots (6-9). Upon receipt of this notification, the JPF Program Office (JPO) issued a sources sought synopsis to examine the market for alternate qualified sources of supply, but found that no other source was available without unacceptable delay and substantial duplicative cost; therefore the contract was continued with the incumbent.

The contract buy authority of 81,607 was reached during Option 7 (FY2010 funding). A Justification and Approval (J&A) document was signed increasing the contract buy authority, allowing continued procurement under the existing contract.

A full and open competition was conducted in FY2010/FY2011; however, the only offer received was from the incumbent. The follow-on contract with incumbent will be awarded in FY2013 for a Basic plus 2 options.

Two separate lines were used on the P-5A to represent FY2011 since part of the FY2011 funding was obligated on the current JPF contract and the recently received \$20M in FY2011 OCO funding will be obligated on the JPF follow-on contract. FY2011 OCO funding is being paired with FY2012 and FY2013 funding in order to achieve a reasonable unit cost over a total buy of 14,758 fuzes.

Any residual FY2013 funding will be held for the FY2014 option of the follow-on contract to achieve EOQ.

**Footnotes:**

<sup>(2)</sup> Contract will be a firm fixed price contract using certified cost or pricing data for the remaining quantities of the JPF system.; Two separate lines were used on the P5A to represent FY11 since part of the FY11 funding was obligated on the current JPF contract and the recently received \$20M in FY11 OCO funding will be obligated on the JPF follow-on contract. The FY11 OCO funding is being paired with FY12 and FY13 funding in order to achieve a reasonable unit cost over a total buy of 14,758 fuzes.

<sup>(3)</sup> The unit price is derived from the competitive pricing data received. This figure may decrease upon completion of contract negotiations.

<sup>(4)</sup> Reference footnote (3)



**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force															<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes					<b>P-1 Line Item Nomenclature:</b> 356120 - Fuzes					<b>Aggregated Item Name:</b> FUZES (ITEMS LESS THAN \$5 MILLION)									

Items	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>Uncategorized</b>																				
FMU-152/B D-2 (EB93)	A		-	-	-	664.52	155	0.103	-	-	0.350	-	-	0.400	-	-	-	-	-	0.400
FMU-143T/B (ED28)	A		-	-	-	4,421.35	178	0.787	-	-	-	-	-	-	-	-	-	-	-	-
FMU-143S/B (ED29)	A		-	-	-	4,400.44	1,356	5.967	4,482.53	1,832	8.212	-	-	-	-	-	-	-	-	-
DSU-33 (D-1)/B (KY71)	A		-	-	-	850.80	811	0.690	-	-	-	-	-	-	-	-	-	-	-	-
FMU-143R/B (ED30)	A		-	-	-	4,451.61	155	0.690	-	-	-	-	-	-	-	-	-	-	-	-
RING KIT, FMU-143, JDAM (ED67)	A		-	-	-	-	-	-	400.00	5,585	2.234	400.00	5,000	2.000	-	-	-	400.00	5,000	2.000
Hard Target Void Sensing Fuze	A		-	-	-	-	-	-	-	-	0.130	-	-	-	-	-	-	-	-	-
<b>Total</b>								<b>8.237</b>			<b>10.926</b>			<b>2.400</b>						<b>2.400</b>

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes	<b>P-1 Line Item Nomenclature:</b> 356120 - Fuzes	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> HARD TARGET VOID SENSING FUZE (HTVSF)

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	-	-	450	-	450
Gross/Weapon System Cost (\$ in Millions)	-	-	-	19.280	-	19.280
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	-	19.280	-	19.280
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	-	<b>19.280</b>	-	<b>19.280</b>

*(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 (Units in Dollars)	-	-	-	42,844.44	-	42,844.44

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† Hard Target Void Sensing Fuze CLIN 1001	A	-	-	-	-	-	-	-	-	-	22,715.56	450	10.222	-	-	-	22,715.56	450	10.222
<i>Total Recurring Cost</i>				-									10.222			-			10.222
<i>Total Hardware Cost</i>				-									10.222			-			10.222
Support Cost																			
Program Management Administration		-	-	-	-	-	-	-	-	-	-	-	1.430	-	-	-	-	-	1.430
Tech Manuals		-	-	-	-	-	-	-	-	-	-	-	0.113	-	-	-	-	-	0.113
Engineering Change Order		-	-	-	-	-	-	-	-	-	-	-	0.552	-	-	-	-	-	0.552
FAAT		-	-	-	-	-	-	-	-	-	-	-	4.692	-	-	-	-	-	4.692
Tech Support		-	-	-	-	-	-	-	-	-	-	-	0.478	-	-	-	-	-	0.478
Life Cycle Surveillance Test		-	-	-	-	-	-	-	-	-	-	-	1.793	-	-	-	-	-	1.793
<i>Total Support Cost</i>				-									9.058			-			9.058
<b>Gross Weapon System Cost</b>				-									<b>19.280</b>			-			<b>19.280</b>

**P-5 Remarks:**

**UNCLASSIFIED**

<b>Exhibit P-5A, Budget Procurement History and Planning:</b> PB Amended 2014 Air Force										<b>Date:</b> May 2013		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Procurement of Ammo, Air Force / BSA 16: Fuzes				<b>P-1 Line Item Nomenclature:</b> 356120 - Fuzes				<b>Item Nomenclature:</b> HARD TARGET VOID SENSING FUZE (HTVSF)				
<b>Cost Elements</b>	<b>O C O</b>	<b>FY</b>	<b>Contractor and Location</b>	<b>Method/Type, or Funding Vehicle</b>	<b>Location of PCO</b>	<b>Award Date</b>	<b>Date of First Delivery</b>	<b>Qty (Each)</b>	<b>Unit Cost (\$)</b>	<b>Specs Avail Now?</b>	<b>Date Revsn Avail</b>	<b>RFP Issue Date</b>
Hard Target Void Sensing Fuze CLIN 1001		2014	ALLIANT TECHSYSTEMS OPERATIONS LLC / PLYMOUTH MN	C / BA	Eglin AFB	Apr 2014	Apr 2015	450	22,715.56	Y		

**UNCLASSIFIED**

**THIS PAGE INTENTIONALLY LEFT BLANK**

**UNCLASSIFIED**

**UNCLASSIFIED**

**Exhibit P-40, Budget Item Justification Sheet: PB Amended 2014 Air Force** **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 02: Weapons / BSA 1: Small Arms	<b>P-1 Line Item Nomenclature:</b> 357010 - Small Arms
---	---

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
---	---	--

**MDAP/MAIS Code(s):**

Resource Summary	Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	18.610	29.223	21.026	1.200	22.226	37.030	36.145	33.539	34.142	-	210.915
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	18.610	29.223	21.026	1.200	22.226	37.030	36.145	33.539	34.142	-	210.915
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>18.610</b>	<b>29.223</b>	<b>21.026</b>	<b>1.200</b>	<b>22.226</b>	<b>37.030</b>	<b>36.145</b>	<b>33.539</b>	<b>34.142</b>	-	<b>210.915</b>

*(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)*

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost ( <i>Units in Dollars</i> )	-	-	-	-	-	-	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

**Description:**

FY2012 funding total includes \$11.500M appropriated for Overseas Contingency Operations.

Small Arms encompasses small caliber, hand fired weapons (pistols and rifles) used to support air base ground defense, aircrew protection, Office of Special Investigations, security functions, and other activities requiring small, portable firearms. This line also procures various accessories needed to improve or maintain existing weapons.

PEs associated with this P-1 line are 0207227F, 0207580F, 0408011F and 0804731F.

Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	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)
M4 CARBINE (5.56mm)	P5, P5A				-			13.424			15.851			8.175			-			8.175
SMALL ARMS (ITEMS LESS THAN \$5 MILLION)	P40A				-			5.186			13.375			12.852			1.200			14.052
<b>Total Gross/Weapon System Cost</b>					-			<b>18.610</b>			<b>29.223</b>			<b>21.026</b>			<b>1.200</b>			<b>22.226</b>

\*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.

UNCLASSIFIED

<b>Exhibit P-40, Budget Item Justification Sheet:</b> PB Amended 2014 Air Force		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 02: Weapons / BSA 1: Small Arms		<b>P-1 Line Item Nomenclature:</b> 357010 - Small Arms
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>Program Elements for Code B Items:</b>	<b>Other Related Program Elements:</b>
<b>MDAP/MAIS Code(s):</b>		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		

**Justification:**  
FY2014 budget request procures items in support of installation and unit mission requirements for Air Force personnel.  
  
FY2014 OCO funding request replenishes munitions expended in support of combat operations in OEF.  
  
Items requested in FY2014 are identified on the following P-5 or P-40A and are representative of the items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB Amended 2014 Air Force</b>		<b>Date:</b> May 2013
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 02: Weapons / BSA 1: Small Arms	<b>P-1 Line Item Nomenclature:</b> 357010 - Small Arms	<b>Item Nomenclature (Item Number - Item Name, DODIC):</b> M4 CARBINE (5.56mm)

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2012</b>	<b>FY 2013<sup>#</sup></b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO<sup>##</sup></b>	<b>FY 2014 Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	13.424	15.851	8.175	-	8.175
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	13.424	15.851	8.175	-	8.175
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>13.424</b>	<b>15.851</b>	<b>8.175</b>	-	<b>8.175</b>

*(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 (Units in Dollars)	-	-	-	-	-	-

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> This Budget Amendment, which includes Base and OCO funding for FY 2014, replaces the FY 2014 Base Budget Request only submission of April 2013

<b>Cost Elements</b> († indicates the presence of a P-5A)	<b>ID CD</b>	<b>All Prior Years</b>			<b>FY 2012</b>			<b>FY 2013</b>			<b>FY 2014 Base</b>			<b>FY 2014 OCO</b>			<b>FY 2014 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Quantity (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware Cost																			
Recurring Cost																			
† M4 CARBINE (5.56mm) <sup>(1)</sup>	A	-	-	-	1,631.07	8,230	13.424	1,634.12	9,700	15.851	1,473.00	5,550	8.175	-	-	-	1,473.00	5,550	8.175
<i>Total Recurring Cost</i>				-			13.424			15.851			8.175			-			8.175
<i>Total Hardware Cost</i>				-			13.424			15.851			8.175			-			8.175
<b>Gross Weapon System Cost</b>				-			<b>13.424</b>			<b>15.851</b>			<b>8.175</b>			-			<b>8.175</b>

**P-5 Remarks:**

Unit costs for FY14 are assumed and subject to change.

**Footnotes:**

<sup>(1)</sup> FY12 funding total includes \$10.75M for Overseas Contingency Operations to procure 6,591 each M4 Carbines.

**UNCLASSIFIED**

**Exhibit P-5A, Budget Procurement History and Planning:** PB Amended 2014 Air Force **Date:** May 2013

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 02: Weapons / BSA 1: Small Arms	<b>P-1 Line Item Nomenclature:</b> 357010 - Small Arms	<b>Item Nomenclature:</b> M4 CARBINE (5.56mm)
--	---	--

Cost Elements	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M4 CARBINE (5.56mm)		2012 <sup>(2)</sup>	ARMY / UNKNOWN	MIPR	AFMC/ WR-ALC	Nov 2012	Jun 2013	8,230	1,631.07	Y		
M4 CARBINE (5.56mm)		2013	ARMY / UNKNOWN	MIPR	AFMC/ WR-ALC	Mar 2013	Aug 2013	9,700	1,634.12	Y		
M4 CARBINE (5.56mm)		2014	ARMY / UNKNOWN	MIPR	AFMC/ WR-ALC	Mar 2014	Aug 2014	5,550	1,473.00	Y		

**Footnotes:**  
<sup>(2)</sup> FY12 procurement includes OCO dollars for 6,591 each M4 Carbines.; FY12- New Contract Award based on open/competitive solicitation



**UNCLASSIFIED**

**Exhibit P-40A, Budget Item Justification For Aggregated Items: PB Amended 2014 Air Force** **Date:** May 2013

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 02:  
Weapons / BSA 1: Small Arms

**P-1 Line Item Nomenclature:**  
357010 - Small Arms

**Aggregated Item Name:**  
SMALL ARMS (ITEMS LESS THAN \$5 MILLION)

Items	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>Uncategorized</b>																				
PAS13Dv2 Thermal Sight Medium	A		-	-	-	9,815.73	97	0.952	12,428.09	130	1.616	12,350.36	274	3.384	-	-	-	12,350.36	274	3.384
PAS13Dv3 Thermal Sight Heavy	A		-	-	-	-	-	-	13,550.00	25	0.339	13,551.00	25	0.339	-	-	-	13,551.00	25	0.339
PSQ-23 Storm MLFR RNGE Finder	A		-	-	-	-	-	-	15,996.00	25	0.400	15,996.00	25	0.400	-	-	-	15,996.00	25	0.400
PEQ-15 Laser Designator	A		-	-	-	-	-	-	900.00	2,000	1.800	900.00	2,000	1.800	-	-	-	900.00	2,000	1.800
M122A1 Tripod/T&E (M240B)	A		-	-	-	579.33	9	0.005	645.00	52	0.034	643.88	49	0.032	-	-	-	643.88	49	0.032
M2A1 (.50 Cal Machine Gun)	A		-	-	-	11,508.27	15	0.173	-	-	-	12,000.00	194	2.328	12,000.00	100	1.200	12,000.00	294	3.528
M240B Machinegun (7.62mm)	A		-	-	-	6,342.00	47	0.298	6,500.00	250	1.625	6,750.00	100	0.675	-	-	-	6,750.00	100	0.675
M249 Automatic Rifle (5.56mm)	A		-	-	-	3,936.58	33	0.130	3,900.00	325	1.268	4,101.00	200	0.820	-	-	-	4,101.00	200	0.820
M107 Sniper Rifle (.50 cal)	A		-	-	-	11,857.50	16	0.190	12,100.00	75	0.908	12,250.00	75	0.919	-	-	-	12,250.00	75	0.919
M24 Sniper Rifle (7.26mm)	A		-	-	-	6,844.79	24	0.164	6,900.00	50	0.345	7,400.00	50	0.370	-	-	-	7,400.00	50	0.370
M4A1 Carbine (5.56mm - Auto)	A		-	-	-	1,399.62	13	0.018	-	-	-	-	-	-	-	-	-	-	-	-
M320A1 (40MM Grenade Launcher)	A		-	-	-	2,602.51	346	0.900	3,448.00	725	2.500	-	-	-	-	-	-	-	-	-
Modular Combat Shotgun (12 Ga)	A		-	-	-	575.79	19	0.011	596.00	16	0.010	601.00	16	0.010	-	-	-	601.00	16	0.010
EOD Soft Mount	A		-	-	-	837.27	11	0.009	950.00	15	0.014	948.00	15	0.014	-	-	-	948.00	15	0.014
M9 Pistol (9mm)	A		-	-	-	525.00	22	0.012	583.00	512	0.298	600.00	60	0.036	-	-	-	600.00	60	0.036
M11 Compact Pistol (9mm)	A		-	-	-	703.00	10	0.007	636.00	48	0.031	637.00	47	0.030	-	-	-	637.00	47	0.030
Special Operations Combat Assault Rifle	A		-	-	-	-	-	0.767	-	-	0.108	-	-	0.107	-	-	-	-	-	0.107
MOD PROJECTS PARTS PROCUREMENT	A		-	-	-	-	-	0.050	-	-	0.050	-	-	0.261	-	-	-	-	-	0.261
FIRST DESTINATION TRANSPORTATION <sup>(3)</sup>	A		-	-	-	-	-	1.500	-	-	1.450	-	-	0.900	-	-	-	-	-	0.900
PMA- OTHER GOVERNMENT COST	A		-	-	-	-	-	-	-	-	0.079	-	-	0.052	-	-	-	-	-	0.052
PMA- CONTRACTOR SERVICES	A		-	-	-	-	-	-	-	-	0.500	-	-	0.375	-	-	-	-	-	0.375

**UNCLASSIFIED**

<b>Exhibit P-40A, Budget Item Justification For Aggregated Items:</b> PB Amended 2014 Air Force															<b>Date:</b> May 2013				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 02: Weapons / BSA 1: Small Arms						<b>P-1 Line Item Nomenclature:</b> 357010 - Small Arms						<b>Aggregated Item Name:</b> SMALL ARMS (ITEMS LESS THAN \$5 MILLION)							

Items	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 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)
<b>Total</b>					-			5.186			13.375			12.852			1.200			14.052

**P-40A Remarks:**  
Unit costs for FY14 are assumed and subject to change.  
**Footnotes:**  
(3) FY12 funding total includes \$.750M for Overseas Contingency Operations.