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**Department of Defense  
Fiscal Year (FY) 2015 Budget Estimates**

March 2014



**Air Force**

*Justification Book Volume 1*

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

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Air Force • Budget Estimates FY 2015 • Procurement

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Appropriation Language  
Fiscal Year (FY) 2015 Budget Estimates  
Procurement of Ammunition, Air Force

For construction, procurement, production, and modification of ammunition and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities authorized by section 2854 of title 10, United States Code, and the land necessary therefore, for the foregoing purposes, and such lands and interests therein, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes, \$677,400,000 to remain available for obligation until September 30, 2017.

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Department of the Air Force  
 FY 2015 President's Budget  
 Exhibit P-1 FY 2015 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

04 Mar 2014

Appropriation: Procurement of Ammunition, Air Force

Budget Activity -----	FY 2013 (Base & OCO) -----	FY 2014 Base Enacted -----	FY 2014 OCO Enacted -----	FY 2014 Total Enacted -----	FY 2015 Base -----
01. Ammunition	645,262	712,038	136,626	848,664	652,752
02. Weapons	22,935	17,639	1,200	18,839	24,648
Total Procurement of Ammunition, Air F	668,197	729,677	137,826	867,503	677,400

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Department of the Air Force  
 FY 2015 President's Budget  
 Exhibit P-1 FY 2015 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

04 Mar 2014

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

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO)		FY 2014 Base Enacted		FY 2014 OCO Enacted		FY 2014 Total Enacted		FY 2015 Base		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Ammunition													
-----													
Rockets													
1	Rockets	A		8,915		15,735		326		16,061		4,696	U
Cartridges													
2	Cartridges	A		124,442		129,921		7,995		137,916		133,271	U
Bombs													
3	Practice Bombs	A		29,109		25,872				25,872		31,998	U
4	General Purpose Bombs	A		177,234		187,397		37,514		224,911		148,614	U
5	Joint Direct Attack Munition	A	4678	144,610	7536	178,510	2879	71,959	10415	250,469	2973	101,400	U
Other Items													
6	Cad/Pad	A		43,463		35,837				35,837		29,989	U
7	Explosive Ordnance Disposal (EOD)	A		6,894		7,531				7,531		6,925	U
8	Spares and Repair Parts	A		1,002		499				499		494	U
9	Modifications	A		1,143		480				480		1,610	U
10	Items Less Than \$5 Million	A		7,108		7,353				7,353		4,237	U
Flares													
11	Flares	A		56,433		46,866		14,973		61,839		86,101	U
Fuzes													
12	Fuzes	A		44,909		76,037		3,859		79,896		103,417	U
Total Ammunition				645,262		712,038		136,626		848,664		652,752	

P-1C1: FY 2015 President's Budget (Published Version), as of March 4, 2014 at 13:02:15



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Department of the Air Force  
 FY 2015 President's Budget  
 Exhibit P-1 FY 2015 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

04 Mar 2014

Appropriation: 3011F Procurement of Ammunition, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO)		FY 2014 Base Enacted		FY 2014 OCO Enacted		FY 2014 Total Enacted		FY 2015 Base		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Weapons													
-----													
Small Arms													
13	Small Arms	A	22,935		17,639		1,200		18,839		24,648		U
			-----		-----		-----		-----		-----		
Total Weapons			22,935		17,639		1,200		18,839		24,648		
			-----		-----		-----		-----		-----		
Total Procurement of Ammunition, Air Force			668,197		729,677		137,826		867,503		677,400		

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

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

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<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 - 7
3	01	13	353010	Practice Bombs.....	Volume 1 - 35
4	01	13	353020	General Purpose Bombs.....	Volume 1 - 47
5	01	13	353620	JOINT DIRECT ATTACK MUNITION.....	Volume 1 - 61
6	01	15	355100	Cad/Pad.....	Volume 1 - 73
7	01	15	355450	Explosive Ordnance Disposal (EOD).....	Volume 1 - 77
8	01	15	355900	Spares and Repair Parts.....	Volume 1 - 83
9	01	15	355970	Modifications.....	Volume 1 - 87
10	01	15	355990	Items Less Than \$5 Million.....	Volume 1 - 89
11	01	16	356010	Flares.....	Volume 1 - 93
12	01	18	356120	Fuzes.....	Volume 1 - 103

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

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<b>Line #</b>	<b>BA</b>	<b>BSA</b>	<b>Line Item Number</b>	<b>Line Item Title</b>	<b>Page</b>
13	02	01	357010	Small Arms.....	Volume 1 - 113

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**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>
Cad/Pad	355100	6	01	15.....	Volume 1 - 73
Cartridges	352010	2	01	12.....	Volume 1 - 7
Explosive Ordnance Disposal (EOD)	355450	7	01	15.....	Volume 1 - 77
Flares	356010	11	01	16.....	Volume 1 - 93
Fuzes	356120	12	01	18.....	Volume 1 - 103
General Purpose Bombs	353020	4	01	13.....	Volume 1 - 47
Items Less Than \$5 Million	355990	10	01	15.....	Volume 1 - 89
JOINT DIRECT ATTACK MUNITION	353620	5	01	13.....	Volume 1 - 61
Modifications	355970	9	01	15.....	Volume 1 - 87
Practice Bombs	353010	3	01	13.....	Volume 1 - 35
Rockets	351010	1	01	11.....	Volume 1 - 1
Small Arms	357010	13	02	01.....	Volume 1 - 113
Spares and Repair Parts	355900	8	01	15.....	Volume 1 - 83

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## ACRONYMS

### *GENERAL ACRONYMS*

ABIDES	- Automated Budget Interactive Data Environment System
ACAT	- Acquisition Category
ACTD	- Advanced Concept Technology Demonstration
AGM	- Air-to-Ground Missile
AIM	- Air Intercept Missile
AIS	- Avionics Intermediate Shop
ACMI	- Aircraft Combat Maneuvering Instrumentation
AMRAAM	- Advanced Medium-Range Air-to-Air Missile
AUTODIN	- Automated Digital Network
AWACS	- Airborne Warning and Control System
BLSS	- Base Level Self-Sufficiency Spares
BY	- Budget Year
C3	- Command, Control, and Communication System
CFE	- Contractor Furnished Equipment
CONOPS	- Concept of Operation
CONUS	- Continental United States
CPMS	- Comprehensive Power Management System
CPT	- Cockpit Procedures Trainer
CRA	- Continuing Resolution Authority
CTS	- Countermeasures Test Set
CY	- Current Year
DDTE	- Design, Development, Test and Evaluation
ECCM	- Electronic Counter Counter-Measures
ECM	- Electronic Counter Measures
ECO	- Engineering Change Orders
EOQ	- Economic Order Quantity
ECP	- Engineering Change Proposal
EGPWS	- Enhance Ground Proximity Warning System
EPA	- Economic Price Adjustment
EW	- Electronic Warfare
EWAI SP	- Electronic Warfare Avionics Integration Support Facility

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FLIR	- Forward Looking Infra Red
FOT&E	- Follow-on Test and Evaluation
FOC	- Fully Operational Capability
FLTS	- Flight Line Test Set
FPIF	- Fixed Price Incentive Firm
FPIS	- Fixed Price Incentive Fee, Successive Targets
GANS	- Global Access Navigation & Safety
GATM	- Global Air Traffic Management
GFE	- Government Furnished Equipment
GPS	- Global Positioning System
GSE	- Ground Support Equipment
IOC	- Initial Operating Capability
IPE	- Increased Performance Engine
JPALS	- Joint Precision Approach and Landing System
LANTIRN	- Low Altitude Navigation and Targeting Infra Red System for Night
METS	- Mobile Electronic Test Stations
MYP	- Multiyear Procurement
MSIP	- Multi-Stage Improvement Program
NAVWAR	- Navigation Warfare
NMC Rate	- Not Mission Capable Rate
OFF	- Operational Flight Program
OT&E	- Operational Test and Evaluation
OWRM	- Other War Reserve Material
PAGEL	- Priced Aerospace Ground Equipment List
PB	- President's Budget
PGSE	- Peculiar Ground Support Equipment
PMC	- Procurement Method Code
PNO	- Acquisition Program Number (MDAP Codes)
PR	- Purchase Request
PRCP	- Program Resource Collection Process
PTT	- Part Task Trainer
PY	- Prior Year
R&M	- Reliability and Maintainability
RAA	- Required Asset Availability
RDT&E	- Research, Development, Test and Evaluation
RVSM	- Reduced Vertical Separation Minimum

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RWR	- Radar Warning Receiver
ROM	- Rough Order of Magnitude
SAM	- Surface-to-Air Missile
SS	- Sole Source
SOF	- Special Operation Force
TAF	- Tactical Air Force
TCAS	- Traffic Collision Alert and Avoidance System
TEWS	- Tactical Electronic Warfare System
TISS	- TEWS Intermediate Support System
TOA	- Total Obligation Authority
WMP	- War Mobilization Plan
WRM	- War Reserve Material
WST	- Weapon System Trainer
UAV	- Unmanned Aerial Vehicle
UHF	- Ultra High Frequency
USA	- United States of America
VHSIC	- Very High Speed Integrated Circuit

### ***BASE / ORGANIZATIONAL ACRONYMNS***

11 WING	- 11th Support Wing
ACC	- Air Combat Command
AETC	- Air Education & Training Command
AFCAO	- Air Force Computer Acquisition Office
AFCESA	- Air Force Civil Engineering Support Agency
AFCIC	- AF Communications & Information Center
AFCSC	- Air Force Cryptologic Service Center
AFESC	- Air Force Engineering Services Center
AFGWC	- Air Force Global Weather Central
AFIT	- Air Force Institute of Technology
AFMC	- Air Force Materiel Command
AFMETCAL	- Air Force Metrology and Calibration Office
AFMLO	- Air Force Medical Logistics Office
AFNEWS	- Air Force Information & News Service Center
AFOSI	- Air Force Office of Special Investigation
AFOTEC	- Air Force Operational Test & Evaluation Center

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AFPC	- Air Force Personnel Center
AFPSL	- AF Primary Standards Lab
AFR	- Air Force Reserve
AFSOC	- AF Special Operations Command
AFSPC	- Air Force Space Command
AIA	- Air Intelligence Agency
ALC	- Air Logistics Center
AMC	- Air Mobility Command
ANG	- Air National Guard
ASC	- Aeronautical Systems Center
AETC	- Air Education Training Command
AU	- Air University
AWS	- Air Weather Service
CIA	- Central Intelligence Agency
DGSC	- Defense General Support Center
DLA	- Defense Logistics Center
DOE	- Department of Energy
DPSC	- Defense Personnel Support Center
DSCC	- Defense Supply Center, Columbus
DTIC	- Defense Technical Information Center
ER	- Eastern Range
ESC	- Electronic Systems Center
FAA	- Federal Aviation Agency
FBI	- Federal Bureau of Investigation
GSA	- General Services Administration
JCS	- Joint Chiefs of Staff
JCS	- Johnson Space Center
NATO	- North Atlantic Treaty Organization
NBS	- National Bureau of Standards
OSD	- Office of the Secretary of Defense
PACAF	- Pacific Air Forces
USAF	- United States Air Force
USAFA	- United States Air Force Academy
USAFE	- United States Air Force Europe
USCENTCOM	- United States Central Command
USEUCOM	- United States European Command

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USMC - United States Marine Corps  
USSTRATCOM - United States Strategic Command  
WPAFB - Wright-Patterson AFB, OH

### *CONTRACT METHOD / TYPE ACRONYMNS*

C - Competitive  
BA - Basic Agreement  
BOA - Basic Ordering Agreement  
BPA - Blanket Purchasing Agreement  
CS - Cost Sharing  
IDDDQ - Indefinite Delivery, Definite Quantity  
IDIQ - Indefinite Delivery, Indefinite Quantity  
IDRT - Indefinite Delivery, Requirements  
Letter - Letter  
LH - Labor-hour  
MIPR - Military Interdepartmental Purchase Request  
MIPR-C - Military Interdepartmental Purchase Request - Competitive  
MIPR-OPT - Military Interdepartmental Purchase Request - Option  
MIPR-OTH - Military Interdepartmental Purchase Request - Other  
MIPR-SS - Military Interdepartmental Purchase Request - Sole Source  
OPT - Option  
OTH - Other  
PO - Project Order  
REQN - Requisition  
SS - Sole Source  
T&M - Time and Materials  
UCA - Undefinitized Contract Action  
WP - Work Project

### *CONTRACTED BY ACRONYMNS*

11 WING - 11th Support Wing, Washington, DC  
ACC - Air Combat Command, Langley AFB, VA  
AEDC - Arnold Engineering Development Center, Arnold AFB, TN  
AAC - Air Armament Center, Eglin AFB, FL

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AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AETC	- Air Education and Training Command, Randolph AFB, TX
AFCIC	- Air Force Communications and Information Center, Washington, DC
AFCESA	- Air Force Civil Engineering Support Agency, Tyndall AFB, FL
AFFTC	- Air Force Flight Test Center, Edwards AFB, CA
AFMC	- Air Force Materiel Command, Wright-Patterson AFB, OH
AFMETCAL	- Air Force Metrology and Calibration Office, Heath, Ohio
AFMLO	- Air Force Medical Logistics Office, Ft Detrick, MD
AIA	- Air Intelligence Agency, Kelly AFB, TX
AMC	- Air Mobility Command, Scott AFB, IL
ASC	- Aeronautical Systems Center, Wright-Patterson AFB, OH & Eglin AFB, FL
AFWA	- Air Force Weather Agency, Offutt AFB, NE
DGSC	- Defense General Support Center, Richmond, VA
DPSC	- Defense Personnel Support Center, Philadelphia, PA
ER	- Eastern Range, Patrick AFB, FL
ESC	- Electronic Systems Center, Hanscom AFB, MA
HSC	- Human Services Center, Brook AFB, TX
OC-ALC	- Oklahoma City Air Logistics Center, Tinker AFB, OK
OO-ALC	- Ogden Air Logistics Center, Hill AFB, UT
SMC	- Space & Missile Systems Center, Los Angeles AFB, CA
US STRATCOM	- US Strategic Command, Offutt AFB, NE
WACC	- Washington Area Contracting Center, Washington DC
WR	- Western Range, Vandenberg AFB, CA
WR-ALC	- Warner-Robins Air Logistics Center, Robins AFB, GA
AFSPC	- Air Force Space Command, Peterson AFB, CO
HQ ANG	- Headquarters, Air National Guard, Washington, DC
USAFE	- United States Air Force Europe, Ramstein AB, GE
USAFA	- United States Air Force Academy, Colorado Springs, CO
SSG	- Standard Systems Group, Maxwell AFB-Gunter Annex, AL

### ***IDENTIFICATION CODES***

Code "A"	- Line items of material which have been approved for Air Force service use.
Code "B"	- Line items of material that have not been approved for Service use
OBAN	- Operating Budget Account Number, 2-digit code for unit allocated funds

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 11: Rockets

**P-1 Line Item Number / Title:**  
351010 / Rockets

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

Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:					
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	8.915	16.061	4.696	-	4.696	22.135	13.271	13.523	13.784	-	92.385
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	8.915	16.061	4.696	-	4.696	22.135	13.271	13.523	13.784	-	92.385
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>8.915</b>	<b>16.061</b>	<b>4.696</b>	-	<b>4.696</b>	<b>22.135</b>	<b>13.271</b>	<b>13.523</b>	<b>13.784</b>	-	<b>92.385</b>

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

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

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

FY2014 funding totals include \$0.326M requested for Overseas Contingency Operations.

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.

- 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.

- 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. No FY2015 funding requested.

- 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.

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

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

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

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

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (H149) LAUNCHER, LAU-131A	P-40a	A	-	-	-	-	-	-	-	-	-	10,500.00	84	0.882	-	-	-	10,500.00	84	0.882
Item - (H855) 2.75 IN WHD, WP SMOKE	P-5		-	-	-	-	-	424.75	19,103	8.114	-	-	-	-	-	-	-	-	-	-
Item - (HA07) 2.75 IN ROCKET MOTOR	P-5		-	-	-	911.18	9,784	8.915	905.74	8,774	7.947	929.34	4,104	3.814	-	-	-	929.34	4,104	3.814
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	<b>8.915</b>	-	-	<b>16.061</b>	-	-	<b>4.696</b>	-	-	-	-	-	<b>4.696</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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

**Justification:**  
 FY2015 purchases 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 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.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2015 Air Force													<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 11						<b>P-1 Line Item Number / Title:</b> 351010 / Rockets						<b>Aggregated Items Title:</b> ROCKETS (ITEMS LESS THAN \$5 MILLION)						

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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		-	-	-	-	-	-	-	-	-	10,500.00	84	0.882	-	-	-	10,500.00	84	0.882
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	-	-	-	-	-	-	0.882	-	-	-	-	-	0.882
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	0.882	-	-	-	-	-	0.882

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>					<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 11			<b>P-1 Line Item Number / Title:</b> 351010 / Rockets			<b>Item Number / Title [DODIC]:</b> - / (H855) 2.75 IN WHD, WP SMOKE		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	19,103	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	-	8.114	-	-	-
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	-	8.114	-	-	-
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	-	<b>8.114</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>\$ in Dollars</i> )	-	-	424.75	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
2.75 WARHEAD WP SMOKE - H855 <sup>(1)</sup>	A	-	-	-	-	-	-	416.01	19,103	7.947	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	-	7.947	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	-	-	-	7.947	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	-	-	-	0.167	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	-	-	-	0.167	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		-	-	-	-	-	-	<b>424.75</b>	<b>19,103</b>	<b>8.114</b>	-	-	-	-	-	-	-	-	-

**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:**



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<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 11	<b>P-1 Line Item Number / Title:</b> 351010 / Rockets	<b>Item Number / Title [DODIC]:</b> - / (H855) 2.75 IN WHD, WP SMOKE

<sup>(1)</sup> 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.

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>					<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 11			<b>P-1 Line Item Number / Title:</b> 351010 / Rockets			<b>Item Number / Title [DODIC]:</b> - / (HA07) 2.75 IN ROCKET MOTOR		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	9,784	8,774	4,104	-	4,104
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	8.915	7.947	3.814	-	3.814
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	8.915	7.947	3.814	-	3.814
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>8.915</b>	<b>7.947</b>	<b>3.814</b>	-	<b>3.814</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>\$ in Dollars</i> )	-	911.18	905.74	929.34	-	929.34

# The FY 2015 OCO Request will be submitted at a later date.

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
<b>Hardware - Hardware Cost Element Category Cost</b>																			
<b>Recurring Cost</b>																			
2.75 ROCKET MOTOR MK66 MOD 2 - HA07	A	-	-	-	884.00	9,784	8.649	889.98	8,774	7.809	903.00	4,104	3.706	-	-	-	903.00	4,104	3.706
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	8.649	-	-	7.809	-	-	3.706	-	-	-	-	-	3.706
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	8.649	-	-	7.809	-	-	3.706	-	-	-	-	-	3.706
<b>Support - Support Cost Element Category Cost</b>																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.266	-	-	0.138	-	-	0.108	-	-	-	-	-	0.108
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.266	-	-	0.138	-	-	0.108	-	-	-	-	-	0.108
<b>Gross/Weapon System Cost</b>		-	-	-	911.18	9,784	8.915	905.74	8,774	7.947	929.34	4,104	3.814	-	-	-	929.34	4,104	3.814

**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 and expectations, (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.

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 12: Cartridges	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	124.442	137.916	133.271	-	133.271	150.294	136.339	134.053	136.732	-	953.047
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	124.442	137.916	133.271	-	133.271	150.294	136.339	134.053	136.732	-	953.047
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>124.442</b>	<b>137.916</b>	<b>133.271</b>	-	<b>133.271</b>	<b>150.294</b>	<b>136.339</b>	<b>134.053</b>	<b>136.732</b>	-	<b>953.047</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

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

FY2014 funding includes \$17.634M requested 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.
- 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.
- 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.
- 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. FY2014 funding totals include \$0.763M requested for Overseas Contingency Operations.
- 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 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.

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

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

**P-1 Line Item Number / Title:**  
352010 / Cartridges

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

- 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.
- 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. FY2014 funding totals include \$4.921M requested for Overseas Contingency Operations. No Budget Year 2015 funding requested.
- 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. FY2014 funding totals include \$0.107M requested for Overseas Contingency Operations.
- 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. FY2014 funding totals include \$9.639M 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.

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

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - 5.56 MM FRANG (AA40)	P-40a	A	-	-	-	0.43	41,809,302	17.978	0.41	24,390,244	10.000	44.00	289,773	12.750	-	-	-	44.00	289,773	12.750
Item - BBU-63 /B IMPULSE CARTRIDGE	P-40a	A	-	-	-	517.93	4,344	2.250	524.11	1,908	1.000	528.93	6,428	3.400	-	-	-	528.94	6,428	3.400
Item - (A014) CTG, 12 GA SHOTGUN, 7-1/2 PLASTIC	P-40a	A	-	-	-	0.25	40,000	0.010	0.56	17,857	0.010	0.28	35,714	0.010	-	-	-	0.28	35,714	0.010
Item - (A062) CTG, 5.56MM BALL M855 LINKED	P-40a	A	-	-	-	-	-	-	0.30	10,000,000	3.000	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force** **Date: March 2014**

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

**P-1 Line Item Number / Title:**  
352010 / Cartridges

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (A075) CTG, 5.56MM BLANK SAW LINKED	P-40a	A	-	-	-	0.21	1,190,476	0.250	0.22	2,045,455	0.450	0.23	43,478	0.010	-	-	-	0.23	43,478	0.010
Item - (A080) CTG, 5.56MM BLANK M200	P-40a	A	-	-	-	0.14	1,785,714	0.250	0.16	6,250,000	1.000	-	-	-	-	-	-	-	-	-
Item - (A091) CTG, .22 CAL LONG RIFLE	P-40a	A	-	-	-	0.13	769,231	0.100	0.16	2,500,000	0.400	0.16	1,125,000	0.180	-	-	-	0.16	1,125,000	0.180
Item - (A111) CTG, 7.62MM BLANK M82 LINKED	P-40a	A	-	-	-	0.34	1,470,588	0.500	0.41	1,219,512	0.500	0.40	1,875,000	0.750	-	-	-	0.40	1,875,000	0.750
Item - (A131) CTG, 7.62MM BALL 4-1 LINKED	P-40a	A	-	-	-	0.50	5,000,000	2.500	0.61	3,278,689	2.000	0.58	3,858,621	2.238	-	-	-	0.58	3,858,621	2.238
Item - (A164) CTG, 7.62MM LINKED	P-40a	A	-	-	-	-	-	-	0.51	1,960,784	1.000	0.53	1,886,792	1.000	-	-	-	0.53	1,886,792	1.000
Item - (A246) CTG, .30 CAL BALL BULK	P-40a	A	-	-	-	-	-	-	-	-	-	0.24	104,167	0.025	-	-	-	0.24	104,167	0.025
Item - (A257) CTG, 7.62MM 9-1 DIM TRACER	P-40a	A	-	-	-	0.48	625,000	0.300	0.55	545,455	0.300	0.53	1,132,075	0.600	-	-	-	0.53	1,132,075	0.600
Item - (A363) 9MM BALL NATO XM882 PISTOL	P-40a	A	-	-	-	0.19	5,263,158	1.000	0.21	11,904,762	2.500	0.19	10,526,316	2.000	-	-	-	0.19	10,526,316	2.000
Item - (A403) CTG, .38 CAL SP BLANK	P-40a	A	-	-	-	0.27	92,593	0.025	0.57	43,860	0.025	0.28	2,585,714	0.724	-	-	-	0.28	2,585,714	0.724
Item - (A404) CTG, .38 CAL SP BALL WADCUTTER	P-40a	A	-	-	-	-	-	-	0.50	20,000	0.010	-	-	-	-	-	-	-	-	-
Item - (A475) CTG, CAL .45 BALL M1911	P-40a	A	-	-	-	-	-	-	0.63	158,730	0.100	0.34	294,118	0.100	-	-	-	0.34	294,118	0.100
Item - (A482) CTG CAL .45 BALL WADCUTTER	P-40a	A	-	-	-	0.28	357,143	0.100	0.51	294,118	0.150	0.32	625,000	0.200	-	-	-	0.32	625,000	0.200
Item - (A483) CTG CAL .45 BALL M1911 MTCHGRD	P-40a	A	-	-	-	0.29	344,828	0.100	0.62	161,290	0.100	0.34	441,176	0.150	-	-	-	0.34	441,176	0.150
Item - (A552) CTG, .50 CAL BALL SINGLE ROUND, M33	P-40a	A	-	-	-	1.87	66,845	0.125	2.02	123,762	0.250	2.26	88,496	0.200	-	-	-	2.26	88,496	0.200
Item - (A555) CTG, CAL .50 BALL M2 LINKED	P-40a	A	-	-	-	2.36	847,458	2.000	1.96	1,530,612	3.000	2.65	943,396	2.500	-	-	-	2.65	943,396	2.500
Item - (A557) CTG, CAL .50 BALL/TRACER/LINKED M2/M9	P-40a	A	-	-	-	1.85	1,081,081	2.000	2.01	2,487,065	4.999	2.11	1,943,128	4.100	-	-	-	2.11	1,943,128	4.100
Item - (A598) CTG CAL.50 BLNK CRMPD W/M9 LNK	P-40a	A	-	-	-	1.21	82,645	0.100	1.36	183,824	0.250	1.45	172,414	0.250	-	-	-	1.45	172,414	0.250
Item - (A606) CTG, CAL.50 API MK211 MOD 0	P-40a	A	-	-	-	-	-	-	10.81	925	0.010	-	-	-	-	-	-	-	-	-
Item - (A607) CTG, .50 CAL ARMOR PIERCING INCENDIARY	P-40a	A	-	-	-	7.88	380,711	3.000	7.88	222,081	1.750	7.96	326,633	2.600	-	-	-	7.96	326,633	2.600

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force** **Date: March 2014**

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

**P-1 Line Item Number / Title:**  
352010 / Cartridges

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (AA01) CTG 5.56MM AP M995 LKD	P-40a	A	-	-	-	2.10	11,905	0.025	1.91	13,089	0.025	-	-	-	-	-	-	-	-	-
Item - (AA02) CTG 5.56MM AP/TR M995/M856 4-1	P-40a	A	-	-	-	-	-	-	2.37	337,553	0.800	-	-	-	-	-	-	-	-	-
Item - (AA03) CTG. 7.62 M993 AP	P-40a	A	-	-	-	-	-	-	2.84	10,563	0.030	-	-	-	-	-	-	-	-	-
Item - (AA11) CTG. 7.62 NATO M118 SPEC BALL	P-40a	A	-	-	-	0.59	508,475	0.300	0.69	869,565	0.600	0.68	1,470,588	1.000	-	-	-	0.68	1,470,588	1.000
Item - (AA16) 9 MILLIME CARTRIDGE FRANG	P-40a	A	-	-	-	0.28	7,067,138	2.000	0.29	6,896,552	2.000	0.29	10,344,828	3.000	-	-	-	0.29	10,344,828	3.000
Item - (AA50) .50 CAL DIM TRACER	P-40a	A	-	-	-	5.24	1,475,954	7.734	6.00	371,333	2.228	7.08	211,864	1.500	-	-	-	7.08	211,864	1.500
Item - (AA51) 12 GA NON-LETHAL PT-CONT	P-40a	A	-	-	-	2.10	73,333	0.154	-	-	-	-	-	-	-	-	-	-	-	-
Item - (AA52) 12 GA NON-LETHAL CROWD	P-40a	A	-	-	-	2.20	102,273	0.225	-	-	-	-	-	-	-	-	-	-	-	-
Item - (AB09) 5.56 BLUE MARKING CARTRIDGE	P-40a	A	-	-	-	0.59	5,084,746	3.000	0.69	5,797,101	4.000	0.71	563,380	0.400	-	-	-	0.71	563,380	0.400
Item - (AB10) 5.56 RED MARKING CARTRIDGES	P-40a	A	-	-	-	0.62	4,838,710	3.000	0.69	5,797,101	4.000	0.71	633,803	0.450	-	-	-	0.71	633,803	0.450
Item - (AB13) 9MM BLUE MARKING CARTRIDGE	P-40a	A	-	-	-	0.56	1,785,714	1.000	0.61	819,672	0.500	0.68	661,765	0.450	-	-	-	0.68	661,765	0.450
Item - (AB14) 9M RED MARKING CARTRIDGE	P-40a	A	-	-	-	0.55	1,818,182	1.000	0.61	1,639,344	1.000	0.68	588,235	0.400	-	-	-	0.68	588,235	0.400
Item - (AB16) 5.56 BLUE LINKED MARKING CART	P-40a	A	-	-	-	0.89	337,079	0.300	0.82	1,219,512	1.000	0.85	235,294	0.200	-	-	-	0.85	235,294	0.200
Item - (AB17) 5.56 RED LINKED MARKING CART	P-40a	A	-	-	-	1.02	294,118	0.300	0.82	1,219,512	1.000	0.83	240,964	0.200	-	-	-	0.83	240,964	0.200
Item - (AB56) 5.56MM M855A1 LINKED LEAD FREE CART	P-40a	A	-	-	-	0.35	2,857,143	1.000	-	-	-	0.36	2,777,778	1.000	-	-	-	0.36	2,777,778	1.000
Item - (AB67) 5.56MM PRACTICE SINGLE ROUND	P-40a	A	-	-	-	-	-	-	0.61	491,803	0.300	-	-	-	-	-	-	-	-	-
Item - (AB72) CTG, 7.62MM SINGLE ROUND BLANK (was A112)	P-40a	A	-	-	-	0.29	517,241	0.150	0.73	205,479	0.150	0.36	138,889	0.050	-	-	-	0.36	138,889	0.050
Item - (AY04) CTG. BIRDSCARE,12 GAGE,PGU-26P	P-40a	A	-	-	-	-	-	-	1.06	47,170	0.050	-	-	-	-	-	-	-	-	-
Item - (B519) CARTRIDGE, 40MM PRACTICE M781	P-40a	A	-	-	-	4.68	64,103	0.300	4.88	61,475	0.300	4.88	389,344	1.900	-	-	-	4.88	389,344	1.900
Item - (B535) 40MM SWS M583	P-40a	A	-	-	-	43.61	1,720	0.075	-	-	-	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force** **Date: March 2014**

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

**P-1 Line Item Number / Title:**  
352010 / Cartridges

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (B576) CTG, 40MM PRACTICE, LINKED, HIGH VELOCITY	P-40a	A	-	-	-	16.05	62,305	1.000	18.44	208,026	3.836	18.45	108,401	2.000	-	-	-	18.45	108,401	2.000
Item - MED CAL Program	P-40a	A	-	-	-	-	-	1.000	-	-	1.000	-	-	1.000	-	-	-	-	-	1.000
Item - AF Shooting Team (AFST)	P-40a	A	-	-	-	-	-	0.140	-	-	0.140	-	-	0.140	-	-	-	-	-	0.140
Item - (3W37) CHAFF, RR-188	P-40a	A	-	-	-	-	-	-	3.33	525,526	1.750	3.36	321,429	1.080	-	-	-	3.36	321,429	1.080
Item - (JN31) CU-168 SQUIB	P-40a	A	-	-	-	-	-	-	500.00	1,068	0.534	500.00	9,998	4.999	-	-	-	500.00	9,998	4.999
Item - (MG11) CTG,IMPULSE,BBU-36/B	P-40a	A	-	-	-	1.66	35,542	0.059	1.68	148,810	0.250	1.70	602,941	1.025	-	-	-	1.70	602,941	1.025
Item - (MG62) CTG, IMPULSE BBU-35/B (1)	P-40a	A	-	-	-	2.35	118,723	0.279	2.35	860,851	2.023	2.37	387,764	0.919	-	-	-	2.37	387,764	0.919
Item - (SS27) CTG, IMPLUSE, BBU-48/B (2)	P-40a	A	-	-	-	8.89	191,114	1.699	9.32	100,429	0.936	9.08	104,736	0.951	-	-	-	9.08	104,736	0.951
Item - (WA83) CCU-136	P-40a	A	-	-	-	-	-	-	3.45	2,899	0.010	-	-	-	-	-	-	-	-	-
Item - (WB24) CCU-145	P-40a	A	-	-	-	-	-	-	4.70	3,191	0.015	4.75	1,052,421	4.999	-	-	-	4.75	1,052,421	4.999
Item - (WB33) CTG, IMP ARD 446-1B	P-40a	A	-	-	-	6.76	3,550	0.024	-	-	-	-	-	-	-	-	-	-	-	-
Item - (M189) ARD 863 IMPULSE CART	P-40a	A	-	-	-	-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	-
Item - (M190) IMPULSE CARTRIDGE MK1 MOD1	P-40a	A	-	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	-
Item - (MT40) BBU-46 SQUIB, ELECTRIC	P-40a	A	-	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	-
Item - (SY16) RR-180 CHAFF CARTRIDGE	P-40a	A	-	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-
Item - (A059) 5.56MM BALL, M855	P-5		-	-	-	0.42	9,728,225	4.100	0.24	20,605,390	5.000	0.45	15,305,503	6.900	-	-	-	0.45	15,305,503	6.900
Item - (A143) 7.62MM BALL LINKED (M80)	P-5		-	-	-	0.48	18,600,000	9.000	0.56	14,220,963	8.000	0.55	14,490,385	7.900	-	-	-	0.55	14,490,385	7.900
Item - (A978) CTG, 25MM, TP (PGU-23/U)	P-5		-	-	-	15.46	537,178	8.303	25.79	310,242	8.000	19.82	486,826	9.650	-	-	-	19.82	486,826	9.650
Item - (AA22) 20MM PGU-28A/B SEMI-AP, HEI	P-5		-	-	-	-	-	14.482	-	-	13.621	-	-	12.900	-	-	-	-	-	12.900
Item - (AA24) 20MM, TP PGU-27A/B	P-5		-	-	-	9.67	829,148	8.014	12.22	948,118	11.585	11.77	971,849	11.441	-	-	-	11.77	971,849	11.441
Item - (AB22) 30MM, PGU-13, REMAN	P-5		-	-	-	-	-	-	21.73	514,008	11.171	-	-	-	-	-	-	-	-	-
Item - (B104) 30MM, PGU-13/B, HEI	P-5		-	-	-	36.74	459,724	16.890	59.16	177,698	10.513	58.53	280,728	16.430	-	-	-	58.53	280,728	16.430

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

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

**P-1 Line Item Number / Title:**  
352010 / Cartridges

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (B116) 30MM PGU-15/ B, TP	P-5		-	-	-	20.83	300,060	6.249	34.85	250,965	8.745	26.39	250,115	6.600	-	-	-	26.39	250,115	6.600
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	124.442	-	-	137.916	-	-	133.271	-	-	-	-	-	133.271

\*For Items, Title represents the Item Number / Title [DODIC].

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

**Justification:**  
FY2015 purchases small arms ammunition for use against personnel and unarmored targets; medium caliber ammunition used in aircraft gun systems against air-to-air, air-to-ground and light armored targets, as well as certain impulse cartridges needed to eject weapons stores from bomb racks and instigate aircraft countermeasures.

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.

**Footnotes:**  
(1) (MG62) BBU-35 Impulse Cartridge - FY2014 OCO request \$0.390.  
(2) (SS27) BBU-48 Impulse Cartridge - FY2014 OCO request \$0.086.



**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 01 / 12 **P-1 Line Item Number / Title:** 352010 / Cartridges **Aggregated Items Title:** (AA40) 5.56MM, FRANGIBLE

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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		-	-	-	0.43	41,809,302	17.978	0.41	24,390,244	10.000	44.00	289,773	12.750	-	-	-	44.00	289,773	12.750
<i>Subtotal: SUBTOTAL RECURRING HARDWARE</i>			-	-	-	-	-	17.978	-	-	10.000	-	-	12.750	-	-	-	-	-	12.750
<b>Total</b>			-	-	-	-	-	<b>17.978</b>	-	-	<b>10.000</b>	-	-	<b>12.750</b>	-	-	-	-	-	<b>12.750</b>

**Remarks:**

The Air Force purchases Frangible rounds through the Dept of Navy. Prices for current and/or prior fiscal years represent the Vendor's total cost for completed and boxed rounds. Prices for budget years are estimates from industry obtained from the Navy.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Aggregated Items Title:</b> (SS44) BBU-63/B, IMPULSE CART
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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		-	-	-	517.93	4,344	2.250	524.11	1,908	1.000	528.93	6,428	3.400	-	-	-	528.94	6,428	3.400
<i>Subtotal: SUBTOTAL HARDWARE COST</i>			-	-	-	-	-	2.250	-	-	1.000	-	-	3.400	-	-	-	-	-	3.400
<b>Total</b>			-	-	-	-	-	<b>2.250</b>	-	-	<b>1.000</b>	-	-	<b>3.400</b>	-	-	-	-	-	<b>3.400</b>

**Remarks:**

Unit price is an estimate from industry, based on the last AF order with inflation.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Aggregated Items Title:</b> CARTRIDGES (ITEMS LESS THAN \$5 MILLION)
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
(A014) CTG, 12 GA SHOTGUN, 7-1/2 PLASTIC	A		-	-	-	0.25	40,000	0.010	0.56	17,857	0.010	0.28	35,714	0.010	-	-	-	0.28	35,714	0.010
(A062) CTG, 5.56MM BALL M855 LINKED	A		-	-	-	-	-	-	0.30	10,000,000	3.000	-	-	-	-	-	-	-	-	-
(A075) CTG, 5.56MM BLANK SAW LINKED	A		-	-	-	0.21	1,190,476	0.250	0.22	2,045,455	0.450	0.23	43,478	0.010	-	-	-	0.23	43,478	0.010
(A080) CTG, 5.56MM BLANK M200	A		-	-	-	0.14	1,785,714	0.250	0.16	6,250,000	1.000	-	-	-	-	-	-	-	-	-
(A091) CTG, .22 CAL LONG RIFLE	A		-	-	-	0.13	769,231	0.100	0.16	2,500,000	0.400	0.16	1,125,000	0.180	-	-	-	0.16	1,125,000	0.180
(A111) CTG, 7.62MM BLANK M82 LINKED	A		-	-	-	0.34	1,470,588	0.500	0.41	1,219,512	0.500	0.40	1,875,000	0.750	-	-	-	0.40	1,875,000	0.750
(A131) CTG, 7.62MM BALL 4-1 LINKED	A		-	-	-	0.50	5,000,000	2.500	0.61	3,278,689	2.000	0.58	3,858,621	2.238	-	-	-	0.58	3,858,621	2.238
(A164) CTG, 7.62MM LINKED	A		-	-	-	-	-	-	0.51	1,960,784	1.000	0.53	1,886,792	1.000	-	-	-	0.53	1,886,792	1.000
(A246) CTG, .30 CAL BALL BULK	A		-	-	-	-	-	-	-	-	-	0.24	104,167	0.025	-	-	-	0.24	104,167	0.025
(A257) CTG, 7.62MM 9-1 DIM TRACER	A		-	-	-	0.48	625,000	0.300	0.55	545,455	0.300	0.53	1,132,075	0.600	-	-	-	0.53	1,132,075	0.600
(A363) 9MM BALL NATO XM882 PISTOL	A		-	-	-	0.19	5,263,158	1.000	0.21	11,904,762	2.500	0.19	10,526,316	2.000	-	-	-	0.19	10,526,316	2.000
(A403) CTG, .38 CAL SP BLANK	A		-	-	-	0.27	92,593	0.025	0.57	43,860	0.025	0.28	2,585,714	0.724	-	-	-	0.28	2,585,714	0.724
(A404) CTG, .38 CAL SP BALL WADCUTTER	A		-	-	-	-	-	-	0.50	20,000	0.010	-	-	-	-	-	-	-	-	-
(A475) CTG, CAL .45 BALL M1911	A		-	-	-	-	-	-	0.63	158,730	0.100	0.34	294,118	0.100	-	-	-	0.34	294,118	0.100
(A482) CTG CAL .45 BALL WADCUTTER	A		-	-	-	0.28	357,143	0.100	0.51	294,118	0.150	0.32	625,000	0.200	-	-	-	0.32	625,000	0.200
(A483) CTG CAL .45 BALL M1911 MTCHGRD	A		-	-	-	0.29	344,828	0.100	0.62	161,290	0.100	0.34	441,176	0.150	-	-	-	0.34	441,176	0.150
(A552) CTG, .50 CAL BALL SINGLE ROUND, M33	A		-	-	-	1.87	66,845	0.125	2.02	123,762	0.250	2.26	88,496	0.200	-	-	-	2.26	88,496	0.200
(A555) CTG, CAL .50 BALL M2 LINKED	A		-	-	-	2.36	847,458	2.000	1.96	1,530,612	3.000	2.65	943,396	2.500	-	-	-	2.65	943,396	2.500

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Aggregated Items Title:</b> CARTRIDGES (ITEMS LESS THAN \$5 MILLION)
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
(A557) CTG, CAL .50 BALL/TRACER/ LINKED M2/M9	A		-	-	-	1.85	1,081,081	2.000	2.01	2,487,065	4.999	2.11	1,943,128	4.100	-	-	-	2.11	1,943,128	4.100
(A598) CTG CAL.50 BLNK CRMPD W/M9 LNK	A		-	-	-	1.21	82,645	0.100	1.36	183,824	0.250	1.45	172,414	0.250	-	-	-	1.45	172,414	0.250
(A606) CTG, CAL.50 API MK211 MOD 0	A		-	-	-	-	-	-	10.81	925	0.010	-	-	-	-	-	-	-	-	-
(A607) CTG, .50 CAL ARMOR PIERCING INCENDIARY	A		-	-	-	7.88	380,711	3.000	7.88	222,081	1.750	7.96	326,633	2.600	-	-	-	7.96	326,633	2.600
(AA01) CTG 5.56MM AP M995 LKD	A		-	-	-	2.10	11,905	0.025	1.91	13,089	0.025	-	-	-	-	-	-	-	-	-
(AA02) CTG 5.56MM AP/TR M995/M856 4-1	A		-	-	-	-	-	-	2.37	337,553	0.800	-	-	-	-	-	-	-	-	-
(AA03) CTG, 7.62 M993 AP	A		-	-	-	-	-	-	2.84	10,563	0.030	-	-	-	-	-	-	-	-	-
(AA11) CTG, 7.62 NATO M118 SPEC BALL	A		-	-	-	0.59	508,475	0.300	0.69	869,565	0.600	0.68	1,470,588	1.000	-	-	-	0.68	1,470,588	1.000
(AA16) 9 MILLIME CARTRIDGE FRANG	A		-	-	-	0.28	7,067,138	2.000	0.29	6,896,552	2.000	0.29	10,344,828	3.000	-	-	-	0.29	10,344,828	3.000
(AA50) .50 CAL DIM TRACER	A		-	-	-	5.24	1,475,954	7.734	6.00	371,333	2.228	7.08	211,864	1.500	-	-	-	7.08	211,864	1.500
(AA51) 12 GA NON-LETHAL PT-CONT	A		-	-	-	2.10	73,333	0.154	-	-	-	-	-	-	-	-	-	-	-	-
(AA52) 12 GA NON-LETHAL CROWD	A		-	-	-	2.20	102,273	0.225	-	-	-	-	-	-	-	-	-	-	-	-
(AB09) 5.56 BLUE MARKING CARTRIDGE	A		-	-	-	0.59	5,084,746	3.000	0.69	5,797,101	4.000	0.71	563,380	0.400	-	-	-	0.71	563,380	0.400
(AB10) 5.56 RED MARKING CARTRIDGES	A		-	-	-	0.62	4,838,710	3.000	0.69	5,797,101	4.000	0.71	633,803	0.450	-	-	-	0.71	633,803	0.450
(AB13) 9MM BLUE MARKING CARTRIDGE	A		-	-	-	0.56	1,785,714	1.000	0.61	819,672	0.500	0.68	661,765	0.450	-	-	-	0.68	661,765	0.450
(AB14) 9M RED MARKING CARTRIDGE	A		-	-	-	0.55	1,818,182	1.000	0.61	1,639,344	1.000	0.68	588,235	0.400	-	-	-	0.68	588,235	0.400
(AB16) 5.56 BLUE LINKED MARKING CART	A		-	-	-	0.89	337,079	0.300	0.82	1,219,512	1.000	0.85	235,294	0.200	-	-	-	0.85	235,294	0.200

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Aggregated Items Title:</b> CARTRIDGES (ITEMS LESS THAN \$5 MILLION)
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
(AB17) 5.56 RED LINKED MARKING CART	A		-	-	-	1.02	294,118	0.300	0.82	1,219,512	1.000	0.83	240,964	0.200	-	-	-	0.83	240,964	0.200
(AB56) 5.56MM M855A1 LINKED LEAD FREE CART	A		-	-	-	0.35	2,857,143	1.000	-	-	-	0.36	2,777,778	1.000	-	-	-	0.36	2,777,778	1.000
(AB67) 5.56MM PRACTICE SINGLE ROUND	A		-	-	-	-	-	-	0.61	491,803	0.300	-	-	-	-	-	-	-	-	-
(AB72) CTG, 7.62MM SINGLE ROUND BLANK (was A112)	A		-	-	-	0.29	517,241	0.150	0.73	205,479	0.150	0.36	138,889	0.050	-	-	-	0.36	138,889	0.050
(AY04) CTG, BIRDSCARE, 12 GAGE, PGU-26P	A		-	-	-	-	-	-	1.06	47,170	0.050	-	-	-	-	-	-	-	-	-
(B519) CARTRIDGE, 40MM PRACTICE M781	A		-	-	-	4.68	64,103	0.300	4.88	61,475	0.300	4.88	389,344	1.900	-	-	-	4.88	389,344	1.900
(B535) 40MM SWS M583	A		-	-	-	43.61	1,720	0.075	-	-	-	-	-	-	-	-	-	-	-	-
(B576) CTG, 40MM PRACTICE, LINKED, HIGH VELOCITY	A		-	-	-	16.05	62,305	1.000	18.44	208,026	3.836	18.45	108,401	2.000	-	-	-	18.45	108,401	2.000
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
<i>Subtotal: SUBTOTAL ALL AMMUNITION CARTRIDGES</i>			-	-	-	-	-	35.063	-	-	44.763	-	-	31.327	-	-	-	-	-	31.327
<b>SUBTOTAL ALL CHAFF AND IMPULSE CARTRIDGES</b>																				
(3W37) CHAFF, RR-188	A		-	-	-	-	-	-	3.33	525,526	1.750	3.36	321,429	1.080	-	-	-	3.36	321,429	1.080
(JN31) CU-168 SQUIB	A		-	-	-	-	-	-	500.00	1,068	0.534	500.00	9,998	4.999	-	-	-	500.00	9,998	4.999
(MG11) CTG, IMPULSE, BBU-36/B	A		-	-	-	1.66	35,542	0.059	1.68	148,810	0.250	1.70	602,941	1.025	-	-	-	1.70	602,941	1.025
(MG62) CTG, IMPULSE BBU-35/B (1)	A		-	-	-	2.35	118,723	0.279	2.35	860,851	2.023	2.37	387,764	0.919	-	-	-	2.37	387,764	0.919
(SS27) CTG, IMPULSE, BBU-48/B (2)	A		-	-	-	8.89	191,114	1.699	9.32	100,429	0.936	9.08	104,736	0.951	-	-	-	9.08	104,736	0.951
(WA83) CCU-136	A		-	-	-	-	-	-	3.45	2,899	0.010	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

<b>Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force</b>														<b>Date: March 2014</b>					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12						<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges						<b>Aggregated Items Title:</b> CARTRIDGES (ITEMS LESS THAN \$5 MILLION)							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
(WB24) CCU-145	A		-	-	-	-	-	-	4.70	3,191	0.015	4.75	1,052,421	4.999	-	-	-	4.75	1,052,421	4.999
(WB33) CTG, IMP ARD 446-1B	A		-	-	-	6.76	3,550	0.024	-	-	-	-	-	-	-	-	-	-	-	-
(M189) ARD 863 IMPULSE CART	A		-	-	-	-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	-
(M190) IMPULSE CARTRIDGE MK1 MOD1	A		-	-	-	-	-	0.019	-	-	-	-	-	-	-	-	-	-	-	-
(MT40) BBU-46 SQUIB, ELECTRIC	A		-	-	-	-	-	0.016	-	-	-	-	-	-	-	-	-	-	-	-
(SY16) RR-180 CHAFF CARTRIDGE	A		-	-	-	-	-	0.011	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: SUBTOTAL ALL CHAFF AND IMPULSE CARTRIDGES</i>			-	-	-	-	-	2.113	-	-	5.518	-	-	13.973	-	-	-	-	-	13.973
<b>Total</b>			-	-	-	-	-	37.176	-	-	50.281	-	-	45.300	-	-	-	-	-	45.300

**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:**

(1) (MG62) BBU-35 Impulse Cartridge - FY2014 OCO request \$0.390.

(2) (SS27) BBU-48 Impulse Cartridge - FY2014 OCO request \$0.086.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>				<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12			<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges			<b>Item Number / Title [DODIC]:</b> - / (A059) 5.56MM BALL, M855		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	9,728,225	20,605,390	15,305,503	-	15,305,503
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	4.100	5.000	6.900	-	6.900
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	4.100	5.000	6.900	-	6.900
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	<b>4.100</b>	<b>5.000</b>	<b>6.900</b>	-	<b>6.900</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>(\$ in Dollars)</i>	-	0.42	0.24	0.45	-	0.45

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK	A	-	-	-	0.40	9,728,225	3.891	0.22	20,605,390	4.533	0.40	15,305,503	6.122	-	-	-	0.40	15,305,503	6.122
BOX, METAL M2A2	A	-	-	-	10.00	11,884	0.119	12.70	24,946	0.317	13.22	18,366	0.243	-	-	-	13.22	18,366	0.243
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	4.010	-	-	4.850	-	-	6.365	-	-	-	-	-	6.365
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	4.010	-	-	4.850	-	-	6.365	-	-	-	-	-	6.365
Support - Support Cost Element Category Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.047	-	-	0.150	-	-	0.376	-	-	-	-	-	0.376
QUALITY ASSURANCE		-	-	-	-	-	0.002	-	-	-	-	-	0.002	-	-	-	-	-	0.002
ACCEPTANCE TESTING		-	-	-	-	-	0.041	-	-	-	-	-	0.157	-	-	-	-	-	0.157
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.090	-	-	0.150	-	-	0.535	-	-	-	-	-	0.535
<b>Gross/Weapon System Cost</b>		-	-	-	<b>0.42</b>	<b>9,728,225</b>	<b>4.100</b>	<b>0.24</b>	<b>20,605,390</b>	<b>5.000</b>	<b>0.45</b>	<b>15,305,503</b>	<b>6.900</b>	-	-	-	<b>0.45</b>	<b>15,305,503</b>	<b>6.900</b>

**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.

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<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (A059) 5.56MM BALL, M855



**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>				<b>Date:</b> March 2014		
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12		<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges		<b>Item Number / Title [DODIC]:</b> - / (A143) 7.62MM BALL LINKED (M80)		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	18,600,000	14,220,963	14,490,385	-	14,490,385
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	9.000	8.000	7.900	-	7.900
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	9.000	8.000	7.900	-	7.900
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	<b>9.000</b>	<b>8.000</b>	<b>7.900</b>	-	<b>7.900</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>(\$ in Dollars)</i>	-	0.48	0.56	0.55	-	0.55

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total								
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)						
Hardware - Hardware Cost Element Category Cost																									
Recurring Cost																									
7.62MM M80 BALL, FLASH SUPPRESSED PROPELLANT	A	-	-	-	0.47	18,600,000	8.742	-	-	-	0.52	14,220,963	7.395	-	-	-	0.52	14,490,385	7.535	-	-	-	0.52	14,490,385	7.535
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	8.742	-	-	7.395	-	-	7.535	-	-	-	-	-	-	-	-	-	-	-	7.535
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	8.742	-	-	7.395	-	-	7.535	-	-	-	-	-	-	-	-	-	-	-	7.535
Support - Support Cost Element Category Cost																									
PRODUCTION ENGINEERING		-	-	-	-	-	0.218	-	-	0.500	-	-	0.282	-	-	-	-	-	-	-	-	-	-	-	0.282
ACCEPTANCE TESTING		-	-	-	-	-	0.036	-	-	0.098	-	-	0.055	-	-	-	-	-	-	-	-	-	-	-	0.055
QUALITY ASSURANCE		-	-	-	-	-	0.004	-	-	0.007	-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	0.006
PRODUCTION VERIFICATION TESTING		-	-	-	-	-	-	-	-	-	-	-	0.022	-	-	-	-	-	-	-	-	-	-	-	0.022
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.258	-	-	0.605	-	-	0.365	-	-	-	-	-	-	-	-	-	-	-	0.365
<b>Gross/Weapon System Cost</b>		-	-	-	<b>0.48</b>	<b>18,600,000</b>	<b>9.000</b>	<b>0.56</b>	<b>14,220,963</b>	<b>8.000</b>	<b>0.55</b>	<b>14,490,385</b>	<b>7.900</b>	-	-	-	<b>0.55</b>	<b>14,490,385</b>	<b>7.900</b>	-	-	-	<b>0.55</b>	<b>14,490,385</b>	<b>7.900</b>

**Remarks:**

**UNCLASSIFIED**

**Exhibit P-5, Cost Analysis:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (A143) 7.62MM BALL LINKED (M80)
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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).

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (A978) CTG, 25MM, TP (PGU-23/U)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	537,178	310,242	486,826	-	486,826
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	8.303	8.000	9.650	-	9.650
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	8.303	8.000	9.650	-	9.650
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	<b>8.303</b>	<b>8.000</b>	<b>9.650</b>	-	<b>9.650</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>(\$ in Dollars)</i>	-	15.46	25.79	19.82	-	19.82

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK	A	-	-	-	15.00	537,178	8.058	25.24	310,242	7.831	19.13	486,826	9.313	-	-	-	19.13	486,826	9.313
PALLET MK3-0	A	-	-	-	140.00	288	0.040	238.65	166	0.040	172.46	261	0.045	-	-	-	172.46	261	0.045
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	8.098	-	-	7.870	-	-	9.358	-	-	-	-	-	9.358
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	8.098	-	-	7.870	-	-	9.358	-	-	-	-	-	9.358
Support - Support Cost Element Category Cost																			
ACCEPTANCE TESTING		-	-	-	-	-	-	-	-	0.052	-	-	0.065	-	-	-	-	-	0.065
QUALITY ASSURANCE		-	-	-	-	-	-	-	-	0.006	-	-	0.005	-	-	-	-	-	0.005
FIRST ARTICLE TEST		-	-	-	-	-	0.195	-	-	0.072	-	-	0.220	-	-	-	-	-	0.220
PALLET PACKING, CRATING, HANDLING		-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	-	-	-	-
PALLET TESTING		-	-	-	-	-	0.001	-	-	-	-	-	0.002	-	-	-	-	-	0.002
GFM RECEIPTS HANDLING COST		-	-	-	-	-	0.006	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.205	-	-	0.130	-	-	0.292	-	-	-	-	-	0.292
<b>Gross/Weapon System Cost</b>		-	-	-	<b>15.46</b>	<b>537,178</b>	<b>8.303</b>	<b>25.79</b>	<b>310,242</b>	<b>8.000</b>	<b>19.82</b>	<b>486,826</b>	<b>9.650</b>	-	-	-	<b>19.82</b>	<b>486,826</b>	<b>9.650</b>

Remarks:

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (A978) CTG, 25MM, TP (PGU-23/U)
<p>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).</p> <p>The load, assemble and pack quantity is the number of completed rounds to be delivered into the AF inventory.</p>		

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (AA22) 20MM PGU-28A/B SEMI-AP, HEI

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	14.482	13.621	12.900	-	12.900
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	14.482	13.621	12.900	-	12.900
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>14.482</b>	<b>13.621</b>	<b>12.900</b>	-	<b>12.900</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 (\$ in Dollars)	-	-	-	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
<b>Hardware - Hardware Cost Element Category Cost</b>																			
<b>Recurring Cost</b>																			
LOAD, ASSEMBLE, PACK	A	-	-	-	18.94	745,776	14.125	24.00	550,835	13.220	23.00	545,494	12.546	-	-	-	23.00	545,494	12.546
BOX, METAL M548	A	-	-	-	37.64	3,057	0.115	42.00	2,257	0.095	40.17	2,236	0.090	-	-	-	40.17	2,236	0.090
PALLET MK3-0	A	-	-	-	140.09	149	0.021	240.00	109	0.026	172.46	109	0.019	-	-	-	172.46	109	0.019
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	14.261	-	-	13.341	-	-	12.655	-	-	-	-	-	12.655
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	14.261	-	-	13.341	-	-	12.655	-	-	-	-	-	12.655
<b>Support - Support Cost Element Category Cost</b>																			
QUALITY ASSURANCE		-	-	-	-	-	0.007	-	-	0.005	-	-	0.006	-	-	-	-	-	0.006
FIRST ARTICLE TESTING		-	-	-	-	-	0.212	-	-	0.269	-	-	0.239	-	-	-	-	-	0.239
QUALITY ASSURANCE TEST - MK3 PALLETS		-	-	-	-	-	-	-	-	0.003	-	-	-	-	-	-	-	-	-
PALLET PACKING, CRATING AND HANDLING		-	-	-	-	-	0.002	-	-	0.003	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.221	-	-	0.280	-	-	0.245	-	-	-	-	-	0.245
<b>Gross/Weapon System Cost</b>		-	-	-	-	-	<b>14.482</b>	-	-	<b>13.621</b>	-	-	<b>12.900</b>	-	-	-	-	-	<b>12.900</b>

**Remarks:**

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<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [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.

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>					<b>Date: March 2014</b>							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12			<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges					<b>Item Number / Title [DODIC]:</b> - / (AA24) 20MM, TP PGU-27A/B				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	829,148	948,118	971,849	-	971,849
Gross/Weapon System Cost (\$ in Millions)	-	8.014	11.585	11.441	-	11.441
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	8.014	11.585	11.441	-	11.441
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>8.014</b>	<b>11.585</b>	<b>11.441</b>	-	<b>11.441</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 (\$ in Dollars)	-	9.67	12.22	11.77	-	11.77

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK	A	-	-	-	9.36	829,148	7.761	11.70	948,118	11.093	11.28	971,849	10.962	-	-	-	11.28	971,849	10.962
BOX METAL M548	A	-	-	-	37.64	3,401	0.128	41.65	3,771	0.157	40.17	3,985	0.160	-	-	-	40.17	3,985	0.160
PALLET MK3-0	A	-	-	-	140.09	166	0.023	238.58	171	0.041	172.46	194	0.033	-	-	-	172.46	194	0.033
Subtotal: Recurring Cost		-	-	-	-	-	7.912	-	-	11.291	-	-	11.156	-	-	-	-	-	11.156
Subtotal: Hardware - Hardware Cost Element Category Cost		-	-	-	-	-	7.912	-	-	11.291	-	-	11.156	-	-	-	-	-	11.156
Support - Support Cost Element Category Cost																			
QUALITY ASSURANCE		-	-	-	-	-	0.002	-	-	0.005	-	-	0.011	-	-	-	-	-	0.011
FIRST ARTICLE TEST		-	-	-	-	-	0.095	-	-	0.279	-	-	0.274	-	-	-	-	-	0.274
PALLET PACKAGING, CRATING, HANDLING		-	-	-	-	-	0.002	-	-	0.004	-	-	-	-	-	-	-	-	-
MK3 LAT TESTING (3)		-	-	-	-	-	0.001	-	-	0.006	-	-	-	-	-	-	-	-	-
GFM RECEIPT HANDLING		-	-	-	-	-	0.002	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - Support Cost Element Category Cost		-	-	-	-	-	0.102	-	-	0.294	-	-	0.285	-	-	-	-	-	0.285
<b>Gross/Weapon System Cost</b>		-	-	-	<b>9.67</b>	<b>829,148</b>	<b>8.014</b>	<b>12.22</b>	<b>948,118</b>	<b>11.585</b>	<b>11.77</b>	<b>971,849</b>	<b>11.441</b>	-	-	-	<b>11.77</b>	<b>971,849</b>	<b>11.441</b>

Remarks:

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (AA24) 20MM, TP PGU-27A/B
<p>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).</p> <p>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.</p> <p>Packaging, Crating and Handling (PC&amp;H) cost is associated with transferring the completed order from production to the first destination.</p> <p><b>Footnotes:</b></p> <p><sup>(3)</sup> 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.</p>		



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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (AB22) 30MM, PGU-13, REMAN

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	-	514,008	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	11.171	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	11.171	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	<b>11.171</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 (\$ in Dollars)	-	-	21.73	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK	A	-	-	-	-	-	15.31	514,008	7.869	-	-	-	-	-	-	-	-	-	-
CONTAINER CNU-332 A/E	A	-	-	-	-	-	2,888.59	925	2.672	-	-	-	-	-	-	-	-	-	-
TUBE AND STRAP ASSEMBLY	A	-	-	-	-	-	431.21	925	0.399	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	10.940	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	-	-	10.940	-	-	-	-	-	-	-	-	-	-
Support - Support Cost Element Category Cost																			
QUALITY ASSURANCE		-	-	-	-	-	-	-	0.008	-	-	-	-	-	-	-	-	-	-
ACCEPTANCE TESTING		-	-	-	-	-	-	-	0.031	-	-	-	-	-	-	-	-	-	-
FIRST ARTICLE TEST		-	-	-	-	-	-	-	0.192	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	-	-	0.231	-	-	-	-	-	-	-	-	-	-
<b>Gross/Weapon System Cost</b>		-	-	-	-	-	<b>21.73</b>	<b>514,008</b>	<b>11.171</b>	-	-	-	-	-	-	-	-	-	-

**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.

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<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (AB22) 30MM, PGU-13, REMAN
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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.

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>					<b>Date:</b> March 2014							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12			<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges					<b>Item Number / Title [DODIC]:</b> - / (B104) 30MM, PGU-13/B, HEI				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity ( <i>Units in Each</i> )	-	459,724	177,698	280,728	-	280,728
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	16.890	10.513	16.430	-	16.430
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	16.890	10.513	16.430	-	16.430
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>16.890</b>	<b>10.513</b>	<b>16.430</b>	-	<b>16.430</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>\$ in Dollars</i> )	-	36.74	59.16	58.53	-	58.53

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK (LAP)	A	-	-	-	35.35	459,724	16.251	50.08	177,698	8.899	54.27	280,728	15.235	-	-	-	54.27	280,728	15.235
TUBE AND STRAP ASSEMBLY F/30MM	A	-	-	-	-	-	-	431.21	338	0.146	441.57	503	0.222	-	-	-	441.57	503	0.222
CONTAINER CNU-332	A	-	-	-	-	-	-	2,888.59	338	0.976	498.90	503	0.251	-	-	-	498.90	503	0.251
<i>Subtotal: Recurring Cost</i>		-	-	-	16.251	-	16.251	-	-	10.021	-	-	15.708	-	-	-	-	-	15.708
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	16.251	-	16.251	-	-	10.021	-	-	15.708	-	-	-	-	-	15.708
Support - Support Cost Element Category Cost																			
ACCEPTANCE TESTING		-	-	-	-	-	0.025	-	-	0.010	-	-	0.019	-	-	-	-	-	0.019
QUALITY ASSURANCE		-	-	-	-	-	0.016	-	-	0.008	-	-	0.010	-	-	-	-	-	0.010
FIRST ARTICLE TESTING		-	-	-	-	-	0.007	-	-	0.474	-	-	0.693	-	-	-	-	-	0.693
ENGINEERING CHANGE REQUESTED (4)		-	-	-	-	-	0.591	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.639	-	-	0.492	-	-	0.722	-	-	-	-	-	0.722
<b>Gross/Weapon System Cost</b>		-	-	-	<b>36.74</b>	<b>459,724</b>	<b>16.890</b>	<b>59.16</b>	<b>177,698</b>	<b>10.513</b>	<b>58.53</b>	<b>280,728</b>	<b>16.430</b>	-	-	-	<b>58.53</b>	<b>280,728</b>	<b>16.430</b>

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<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (B104) 30MM, PGU-13/B, HEI
<b>Remarks:</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.		
<b>Footnotes:</b> (4) Air Force requested engineering changes to eliminate a cartridge case-mouth flare issue. This required GD-OTS to accomplish major maintenance and equipment changes on the production line.		

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>					<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12			<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges			<b>Item Number / Title [DODIC]:</b> - / (B116) 30MM PGU-15/B, TP		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	300,060	250,965	250,115	-	250,115
Gross/Weapon System Cost (\$ in Millions)	-	6.249	8.745	6.600	-	6.600
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	6.249	8.745	6.600	-	6.600
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>6.249</b>	<b>8.745</b>	<b>6.600</b>	-	<b>6.600</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 (\$ in Dollars)	-	20.83	34.85	26.39	-	26.39

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK	A	-	-	-	20.75	300,060	6.226	31.65	250,965	7.943	22.71	246,083	5.589	-	-	-	22.71	246,083	5.589
CONTAINER CNU-332E	A	-	-	-	-	-	-	223.27	451	0.101	499.05	443	0.221	-	-	-	499.05	443	0.221
TUBE AND STRAP ASSEMBLY	A	-	-	-	-	-	-	431.21	451	0.194	441.70	443	0.196	-	-	-	441.70	443	0.196
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	6.226	-	-	8.238	-	-	6.005	-	-	-	-	-	6.005
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	6.226	-	-	8.238	-	-	6.005	-	-	-	-	-	6.005
Support - Support Cost Element Category Cost																			
QUALITY ASSURANCE		-	-	-	-	-	0.008	-	-	0.004	-	-	0.006	-	-	-	-	-	0.006
ACCEPTANCE TESTING		-	-	-	-	-	0.015	-	-	0.016	-	-	0.016	-	-	-	-	-	0.016
FIRST ARTICLE TEST		-	-	-	-	-	-	-	-	0.487	-	-	0.573	-	-	-	-	-	0.573
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.023	-	-	0.507	-	-	0.595	-	-	-	-	-	0.595
<b>Gross/Weapon System Cost</b>		-	-	-	<b>20.83</b>	<b>300,060</b>	<b>6.249</b>	<b>34.85</b>	<b>250,965</b>	<b>8.745</b>	<b>26.39</b>	<b>250,115</b>	<b>6.600</b>	-	-	-	<b>26.39</b>	<b>250,115</b>	<b>6.600</b>

**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, 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).

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<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 12	<b>P-1 Line Item Number / Title:</b> 352010 / Cartridges	<b>Item Number / Title [DODIC]:</b> - / (B116) 30MM PGU-15/B, TP

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

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 13: Bombs	<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	29.109	25.872	31.998	-	31.998	65.160	56.662	28.697	29.252	-	266.750
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	29.109	25.872	31.998	-	31.998	65.160	56.662	28.697	29.252	-	266.750
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>29.109</b>	<b>25.872</b>	<b>31.998</b>	-	<b>31.998</b>	<b>65.160</b>	<b>56.662</b>	<b>28.697</b>	<b>29.252</b>	-	<b>266.750</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

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

- BDU-56A/B: A 2,000-pound thick-wall cast ductile iron, non-explosive training shape used to provide combat air forces with aircrew weapons delivery training. The BDU-56 simulates the drop trajectory of a live MK-84. This item is procured through the Single Manager for Conventional Ammunition (SMCA)/Army.
- BDU-50C/B: A 500-pound thick-wall cast ductile iron, non-explosive training shape used to provide combat air forces with aircrew weapons delivery training. The BDU-50 simulates the drop trajectory of a live MK-82. This item is procured through the Single Manager for Conventional Ammunition (SMCA)/Army.
- BLU-109(D-1)/B Warhead: A 2,000-pound hard target inert bomb filled with 553 pounds of Filler-E wood product material. The warhead is used for testing on the Paveway II, III, and GBU-15 weapon systems. This item is procured through the Single Manager for Conventional Ammunition (SMCA)/Army.
- MK84 Inert: A 2,000-pound cement filled practice bomb used to simulate the weight of an explosive-filled 2,000-pound bomb. This item is procured through the Single Manager for Conventional Ammunition (SMCA)/Army.
- Items Less Than Five Million Dollars: All items have an annual procurement of less than \$5,000,000 and are Code A.

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

PE associated with this P-1 Line is 0207599F.

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

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

**P-1 Line Item Number / Title:**  
353010 / Practice Bombs

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (EC65) BDU-61 1000LB CDI PRACTICE BOMB	P-40a	A	-	-	-	-	-	3.000	-	-	-	-	-	-	-	-	-	-	-	-
Item - (F243) MK-82-0,1 INERT BOMB	P-40a	A	-	-	-	2,711.08	668	1.811	-	-	-	-	-	-	-	-	-	-	-	-
Item - (F262) MK-84 2000LB INERT BOMB <sup>(1)</sup>	P-40a	A	-	-	-	6,373.24	284	1.810	-	-	-	-	-	-	-	-	-	-	-	-
Item - (ED12) BDU-56A/B, 2000LB PRAC BOMB	P-5		-	-	-	7,230.57	759	5.488	7,600.50	796	6.050	8,570.43	717	6.145	-	-	-	8,570.43	717	6.145
Item - (ED96) BDU-50 2000LB CDI PRAC BOMB	P-5		-	-	-	2,663.74	6,382	17.000	2,725.40	3,882	10.580	3,039.94	3,931	11.950	-	-	-	3,039.94	3,931	11.950
Item - (F034) BLU-109 D-1, HARD TARGET PRAC BOMB	P-5		-	-	-	-	-	-	22,513.07	306	6.889	23,661.07	298	7.051	-	-	-	23,661.07	298	7.051
Item - (F262) MK-84 2000LB INERT BOMB	P-5		-	-	-	-	-	-	6,159.69	382	2.353	7,152.40	958	6.852	-	-	-	7,152.40	958	6.852
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	<b>29.109</b>	-	-	<b>25.872</b>	-	-	<b>31.998</b>	-	-	-	-	-	<b>31.998</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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

**Justification:**

FY2015 purchases 500 and 2000 pound non-explosive training bombs to provide combat air forces with weapons build-up and aircrew weapons delivery training. These practice bombs simulate drop trajectory and weight of explosive-filled weapons.

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.

**Footnotes:**

<sup>(1)</sup> DODIC F262 MK-84 Inert Bomb is justified in FY2014 on the P40, P5, P5A documents.



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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2015 Air Force														<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13							<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs							<b>Aggregated Items Title:</b> PRACTICE BOMBS (ITEMS LESS THAN \$5 MILLION)					

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
(EC65) BDU-61 1000LB CDI PRACTICE BOMB	A		-	-	-	-	-	3.000	-	-	-	-	-	-	-	-	-	-	-	-
(F243) MK-82-0,1 INERT BOMB	A		-	-	-	2,711.08	668	1.811	-	-	-	-	-	-	-	-	-	-	-	-
(F262) MK-84 2000LB INERT BOMB <sup>(1)</sup>	A		-	-	-	6,373.24	284	1.810	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	6.621	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	-	-	-	6.621	-	-	-	-	-	-	-	-	-	-	-	-

**Footnotes:**

<sup>(1)</sup> DODIC F262 MK-84 Inert Bomb is justified in FY2014 on the P40, P5, P5A documents.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs	<b>Item Number / Title [DODIC]:</b> - / (ED12) BDU-56A/B, 2000LB PRAC BOMB

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	759	796	717	-	717
Gross/Weapon System Cost (\$ in Millions)	-	5.488	6.050	6.145	-	6.145
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	5.488	6.050	6.145	-	6.145
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>5.488</b>	<b>6.050</b>	<b>6.145</b>	-	<b>6.145</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 (\$ in Dollars)	-	7,230.57	7,600.50	8,570.43	-	8,570.43

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK (LAP)	A	-	-	-	6,697.69	759	5.084	7,022.00	796	5.590	7,908.83	717	5.671	-	-	-	7,908.83	717	5.671
LUG SUSP ACFT ORD MK3-0	A	-	-	-	70.40	1,531	0.108	60.00	1,607	0.096	-	-	-	-	-	-	-	-	-
PALLET MK79-1	A	-	-	-	711.70	384	0.273	850.00	402	0.342	795.92	362	0.288	-	-	-	795.92	362	0.288
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	5.465	-	-	6.028	-	-	5.959	-	-	-	-	-	5.959
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	5.465	-	-	6.028	-	-	5.959	-	-	-	-	-	5.959
Support - Support Cost Element Category Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.018	-	-	-	-	-	-	-	-	-	-	-	-
QUALITY ASSURANCE		-	-	-	-	-	0.005	-	-	0.002	-	-	0.006	-	-	-	-	-	0.006
FIRST ARTICLE TEST		-	-	-	-	-	-	-	-	0.020	-	-	0.180	-	-	-	-	-	0.180
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.023	-	-	0.022	-	-	0.186	-	-	-	-	-	0.186
<b>Gross/Weapon System Cost</b>		-	-	-	<b>7,230.57</b>	<b>759</b>	<b>5.488</b>	<b>7,600.50</b>	<b>796</b>	<b>6.050</b>	<b>8,570.43</b>	<b>717</b>	<b>6.145</b>	-	-	-	<b>8,570.43</b>	<b>717</b>	<b>6.145</b>

**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, non-explosive fill material, lugs, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack the Air Force order.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs	<b>Item Number / Title [DODIC]:</b> - / (ED12) BDU-56A/B, 2000LB PRAC BOMB

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 to receive bomb bodies and for non-explosive fill materials and packing materials used to produce an inventory-worthy round.

Cost drivers may include economic price adjustments, currency rate fluctuations, price of complex or scarce materials and orders from other Military Services (increases/decreases).

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs	<b>Item Number / Title [DODIC]:</b> - / (ED96) BDU-50 2000LB CDI PRAC BOMB

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	6,382	3,882	3,931	-	3,931
Gross/Weapon System Cost (\$ in Millions)	-	17.000	10.580	11.950	-	11.950
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	17.000	10.580	11.950	-	11.950
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>17.000</b>	<b>10.580</b>	<b>11.950</b>	-	<b>11.950</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 (\$ in Dollars)	-	2,663.74	2,725.40	3,039.94	-	3,039.94

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK (LAP)	A	-	-	-	2,564.50	6,382	16.367	2,640.40	3,882	10.250	2,921.65	3,931	11.485	-	-	-	2,921.65	3,931	11.485
LUG SUSP ACFT ORD MS3314	A	-	-	-	24.10	12,764	0.308	24.58	7,841	0.193	25.08	7,862	0.197	-	-	-	25.08	7,862	0.197
PALLET MHU-149/E	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PALLET INSPECTION, MHU-149/E	A	-	-	-	163.63	1,064	0.174	174.48	659	0.115	177.79	655	0.116	-	-	-	177.79	655	0.116
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	16.848	-	-	10.558	-	-	11.799	-	-	-	-	-	11.799
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	16.848	-	-	10.558	-	-	11.799	-	-	-	-	-	11.799
Support - Support Cost Element Category Cost																			
QUALITY ASSURANCE		-	-	-	-	-	0.006	-	-	0.003	-	-	0.002	-	-	-	-	-	0.002
PACKAGING, CRATING & HANDLING (PC&H)		-	-	-	-	-	0.021	-	-	0.019	-	-	0.020	-	-	-	-	-	0.020
FIRST ARTICLE TEST		-	-	-	-	-	0.125	-	-	-	-	-	0.129	-	-	-	-	-	0.129
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.152	-	-	0.022	-	-	0.151	-	-	-	-	-	0.151
<b>Gross/Weapon System Cost</b>		-	-	-	2,663.74	6,382	17.000	2,725.40	3,882	10.580	3,039.94	3,931	11.950	-	-	-	3,039.94	3,931	11.950

Remarks:

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs	<b>Item Number / Title [DODIC]:</b> - / (ED96) BDU-50 2000LB CDI PRAC BOMB

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, non-explosive fill 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).

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 to receive bomb bodies and for miscellaneous explosives, fillers and packing materials used to produce an inventory-worthy round.

The BDU-50C/B Cast Ductile Iron (CDI) Practice Bomb contains no fill materials, however, the SMCA generically terms the process of assembling the various components (bomb body, lugs, etc),and "package/palletize" the end item as "Load, Assemble and Pack (LAP), applicable to both general purpose and practice bombs.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs	<b>Item Number / Title [DODIC]:</b> - / (F034) BLU-109 D-1, HARD TARGET PRAC BOMB

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	-	306	298	-	298
Gross/Weapon System Cost (\$ in Millions)	-	-	6.889	7.051	-	7.051
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	-	6.889	7.051	-	7.051
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	-	<b>6.889</b>	<b>7.051</b>	-	<b>7.051</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 (\$ in Dollars)	-	-	22,513.07	23,661.07	-	23,661.07

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK	A	-	-	-	-	-	4,043.00	306	1.237	4,268.74	298	1.272	-	-	-	4,268.74	298	1.272	
BOMB BODY 2000LB BLU-109(D-1)/B	A	-	-	-	-	-	16,982.00	312	5.298	18,056.70	298	5.381	-	-	-	18,056.70	298	5.381	
CONTAINER SHIP/ STORE CNU 417/E	A	-	-	-	-	-	2,212.00	156	0.345	2,352.61	149	0.351	-	-	-	2,352.61	149	0.351	
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	6.881	-	-	7.004	-	-	-	-	-	7.004	
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	-	-	6.881	-	-	7.004	-	-	-	-	-	7.004	
Support - Support Cost Element Category Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
QUALITY ASSURANCE		-	-	-	-	-	-	-	0.008	-	-	0.007	-	-	-	-	-	0.007	
FIRST ARTICLE TEST		-	-	-	-	-	-	-	-	-	-	0.040	-	-	-	-	-	0.040	
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	-	-	0.008	-	-	0.047	-	-	-	-	-	0.047	
<b>Gross/Weapon System Cost</b>		-	-	-	-	-	22,513.07	306	6.889	23,661.07	298	7.051	-	-	-	23,661.07	298	7.051	

**Remarks:**

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs	<b>Item Number / Title [DODIC]:</b> - / (F034) BLU-109 D-1, HARD TARGET PRAC BOMB

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, non-explosive fill material, lugs, etc. for the DoD Military Services purchasing the same or similar items, and to load, assemble and pack 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 to receive bomb bodies and for miscellaneous explosives, fillers and packing materials used to produce an inventory-worthy round.

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, such as defective bomb body/casing during production of complete rounds.

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

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>				<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13			<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs			<b>Item Number / Title [DODIC]:</b> - / (F262) MK-84 2000LB INERT BOMB		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity <i>(Units in Each)</i>	-	-	382	958	-	958
Gross/Weapon System Cost <i>(\$ in Millions)</i>	-	-	2.353	6.852	-	6.852
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	-	-	2.353	6.852	-	6.852
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-
<b>Total Obligation Authority <i>(\$ in Millions)</i></b>	-	-	<b>2.353</b>	<b>6.852</b>	-	<b>6.852</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>(\$ in Dollars)</i>	-	-	6,159.69	7,152.40	-	7,152.40

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK (LAP)	A	-	-	-	-	-	594.13	382	0.227	688.39	958	0.659	-	-	-	688.39	958	0.659	
BOMB BODY 2000 LB MK84 MOD4 QTY	A	-	-	-	-	-	4,888.27	390	1.906	5,882.88	958	5.636	-	-	-	5,882.88	958	5.636	
LUG SUSPENSION ACFT ORDNANCE MK3-0 QTY	A	-	-	-	-	-	60.45	779	0.047	66.79	1,916	0.128	-	-	-	66.79	1,916	0.128	
PALLET MK79-1 QTY	A	-	-	-	-	-	851.28	195	0.166	795.92	488	0.388	-	-	-	795.92	488	0.388	
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	2.346	-	-	6.812	-	-	-	-	-	6.812	
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	-	-	2.346	-	-	6.812	-	-	-	-	-	6.812	
Support - Support Cost Element Category Cost																			
QUALITY ASSURANCE		-	-	-	-	-	-	-	0.007	-	-	0.005	-	-	-	-	-	0.005	
FIRST ARTICLE TEST		-	-	-	-	-	-	-	-	-	-	0.035	-	-	-	-	-	0.035	
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	-	-	0.007	-	-	0.040	-	-	-	-	-	0.040	
<b>Gross/Weapon System Cost</b>		-	-	-	-	-	<b>6,159.69</b>	<b>382</b>	<b>2.353</b>	<b>7,152.40</b>	<b>958</b>	<b>6.852</b>	-	-	-	<b>7,152.40</b>	<b>958</b>	<b>6.852</b>	

**Remarks:**

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.



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<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353010 / Practice Bombs	<b>Item Number / Title [DODIC]:</b> - / (F262) MK-84 2000LB INERT BOMB

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 to receive bomb bodies and for non-explosive fill materials and packing materials used to produce an inventory-worthy round.

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 such as defective bomb bodies, during production of complete rounds.

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

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 13: Bombs	<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:						Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	177.233	224.911	148.614	-	148.614	449.052	492.695	303.409	366.873	-	2,162.787
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	177.233	224.911	148.614	-	148.614	449.052	492.695	303.409	366.873	-	2,162.787
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>177.233</b>	<b>224.911</b>	<b>148.614</b>	-	<b>148.614</b>	<b>449.052</b>	<b>492.695</b>	<b>303.409</b>	<b>366.873</b>	-	<b>2,162.787</b>

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

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

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

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

FY2014 funding totals include \$37.514M requested 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. No FY15 funding requested.
- 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. FY2014 funding totals include \$0.462M 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. FY2014 funding totals include \$1.342M requested for Overseas Contingency Operations.

Laser Guided Bombs are essential to meeting training, operational and inventory objective requirements worldwide for precision bombing against hardened and non-hardened targets. Yearly procurements ensure the necessary stock on hand to meet these requirements.

- 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). FY2014 funding totals include \$16.937M requested for Overseas Contingency Operations.

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

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

**P-1 Line Item Number / Title:**  
353020 / General Purpose Bombs

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

- 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). FY2014 funding totals include \$18.221M 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). FY2014 funding totals include \$0.536M 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. FY2014 funding totals include \$0.016M requested for Overseas Contingency Operations. No Budget Year 2015 funding requested.

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

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - MXU-651/B FIN ASSEMBLY - EC31	P-40a	A	-	-	-	6,850.60	1,158	7.933	6,935.64	1,243	8.621	-	-	-	-	-	-	-	-	-
Item - MXU-650 FIN ASSEMBLY - EC32 <sup>(1)</sup>	P-40a	A	-	-	-	4,969.63	2,766	13.746	4,163.00	3,510	14.612	4,006.19	2,585	10.356	-	-	-	4,006.19	2,585	10.356
Item - MAU-209C/B - ED58	P-40a	A	-	-	-	6,364.85	5,542	35.274	8,495.25	5,737	48.737	7,035.46	6,966	49.009	-	-	-	7,035.46	6,966	49.009
Item - LANYARD ASSY BOMB (EA67) <sup>(2)</sup>	P-40a	A	-	-	-	18.43	217	0.004	18.52	378	0.007	-	-	-	-	-	-	-	-	-
Item - LANYARD (EA99) <sup>(3)</sup>	P-40a	A	-	-	-	15.97	313	0.005	15.99	563	0.009	-	-	-	-	-	-	-	-	-
Item - BLU-110B/B GENERAL PURPOSE BOMB (ED41)	P-40a	A	-	-	-	-	-	-	12,016.48	182	2.187	-	-	-	-	-	-	-	-	-
Item - FIN ASSY BSU-33B/B (EE10) (was DODIC F782)	P-40a	A	-	-	-	256.48	21,105	5.413	-	-	-	-	-	-	-	-	-	-	-	-
Item - CUP NOSESUPPORT MK81,82,83,84 (FW26)	P-40a	A	-	-	-	10.87	276	0.003	-	-	-	11.00	45,455	0.500	-	-	-	11.00	45,455	0.500
Item - PLUG, NOSE FOR GP BOMB (G008)	P-40a	A	-	-	-	3.80	263	0.001	-	-	-	-	-	-	-	-	-	-	-	-

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

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

**P-1 Line Item Number / Title:**  
353020 / General Purpose Bombs

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - BLU-109 IM	P-40a	A	-	-	-	-	-	2.000	-	-	2.000	-	-	2.000	-	-	-	-	-	2.000
Item - BLU-109 LWIP	P-40a	A	-	-	-	-	-	3.000	-	-	3.000	-	-	3.000	-	-	-	-	-	3.000
Item - GP BOMB IM PRODUCTION ENGINEERING	P-40a	A	-	-	-	-	-	4.900	-	-	4.900	-	-	4.900	-	-	-	-	-	4.900
Item - MOP ENHANCEMENTS	P-40a	A	-	-	-	-	-	6.919	-	-	-	-	-	-	-	-	-	-	-	-
Item - (ED09) BLU-117, 2000LB GP BOMB	P-5		-	-	-	20,970.94	826	17.322	24,859.00	1,156	28.737	26,707.94	315	8.413	-	-	-	26,707.94	315	8.413
Item - (ED15) BLU-111A/B 500LB GP BOMB	P-5		-	-	-	5,023.40	4,445	22.329	6,307.30	4,481	28.263	6,552.61	1,245	8.158	-	-	-	6,552.61	1,245	8.158
Item - (ED49) BLU-109 2000 LB HARD TARGET BOMB	P-5		-	-	-	27,815.15	2,099	58.384	34,947.06	2,399	83.838	34,087.58	1,827	62.278	-	-	-	34,087.58	1,827	62.278
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	<b>177.233</b>	-	-	<b>224.911</b>	-	-	<b>148.614</b>	-	-	-	-	-	<b>148.614</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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

**Justification:**  
FY2015 purchases 500, 1000 and 2000 pound conventional general purpose bombs, and guidance and control kits to provide precision bombing capabilities. These weapons are used to defeat non-hard, hardened and deeply buried targets, bunkers, aircraft shelters, reinforced concrete structures and various armored targets. Built up with assorted componentry, the bombs can also be employed as Joint Direct Attack Munitions, GBU-10/12 Laser Guided Bombs, and BLU-109 Penetrator.

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.

**Footnotes:**  
(1) 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.  
(2) (EA67) Lanyard Assembly FY2014 OCO request \$0.007 replaces assets expended in OEF in FY2011.  
(3) (EA99) Kevlar Extension Lanyard FY2014 OCO request \$0.009 replaces assets expended in OEF in FY2011.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2015 Air Force															<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13						<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs						<b>Aggregated Items Title:</b> (EC31) MXU-651/B AFG, FIN ASSEMBLY							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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		-	-	-	6,850.60	1,158	7.933	6,935.64	1,243	8.621	-	-	-	-	-	-	-	-	-
<i>Subtotal: TOTAL RECURRING HARDWARE COST</i>			-	-	-	-	-	7.933	-	-	8.621	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	-	-	-	7.933	-	-	8.621	-	-	-	-	-	-	-	-	-

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

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2015 Air Force															<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13						<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs						<b>Aggregated Items Title:</b> (EC32) MXU-650 GCG, FIN ASSEMBLY							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>(1)</sup>	A		-	-	-	4,969.63	2,766	13.746	4,163.00	3,510	14.612	4,006.19	2,585	10.356	-	-	-	4,006.19	2,585	10.356
<i>Subtotal: SUBTOTAL RECURRING HARDWARE</i>			-	-	-	-	-	13.746	-	-	14.612	-	-	10.356	-	-	-	-	-	10.356
<b>Total</b>			-	-	-	-	-	13.746	-	-	14.612	-	-	10.356	-	-	-	-	-	10.356

**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 cost information is not available for planning purposes.

**Footnotes:**

<sup>(1)</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.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs	<b>Aggregated Items Title:</b> (ED58) MAU-209C/B
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
MAU-209C/B - ED58	A		-	-	-	6,364.85	5,542	35.274	8,495.25	5,737	48.737	7,035.46	6,966	49.009	-	-	-	7,035.46	6,966	49.009
<i>Subtotal: SUBTOTAL RECURRING HARDWARE COST</i>			-	-	-	-	-	35.274	-	-	48.737	-	-	49.009	-	-	-	-	-	49.009
<b>Total</b>			-	-	-	-	-	<b>35.274</b>	-	-	<b>48.737</b>	-	-	<b>49.009</b>	-	-	-	-	-	<b>49.009</b>

**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.



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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force</b>															<b>Date: March 2014</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13							<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs								<b>Aggregated Items Title:</b> GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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) <sup>(2)</sup>	A		-	-	-	18.43	217	0.004	18.52	378	0.007	-	-	-	-	-	-	-	-	-	
LANYARD (EA99) <sup>(3)</sup>	A		-	-	-	15.97	313	0.005	15.99	563	0.009	-	-	-	-	-	-	-	-	-	
BLU-110B/B GENERAL PURPOSE BOMB (ED41)	A		-	-	-	-	-	-	12,016.48	182	2.187	-	-	-	-	-	-	-	-	-	
FIN ASSY BSU-33B/ B (EE10) (was DODIC F782)	A		-	-	-	256.48	21,105	5.413	-	-	-	-	-	-	-	-	-	-	-	-	
CUP NOSESUPPORT MK81,82,83,84 (FW26)	A		-	-	-	10.87	276	0.003	-	-	-	11.00	45,455	0.500	-	-	-	-	11.00	45,455	0.500
PLUG, NOSE FOR GP BOMB (G008)	A		-	-	-	3.80	263	0.001	-	-	-	-	-	-	-	-	-	-	-	-	
BLU-109 IM	A		-	-	-	-	-	2.000	-	-	2.000	-	-	2.000	-	-	-	-	-	2.000	
BLU-109 LWIP	A		-	-	-	-	-	3.000	-	-	3.000	-	-	3.000	-	-	-	-	-	3.000	
GP BOMB IM PRODUCTION ENGINEERING	A		-	-	-	-	-	4.900	-	-	4.900	-	-	4.900	-	-	-	-	-	4.900	
MOP ENHANCEMENTS	A		-	-	-	-	-	6.919	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	22.245	-	-	12.103	-	-	10.400	-	-	-	-	-	10.400	
<b>Total</b>			-	-	-	-	-	22.245	-	-	12.103	-	-	10.400	-	-	-	-	-	10.400	

**Footnotes:**

<sup>(2)</sup> (EA67) Lanyard Assembly FY2014 OCO request \$0.007 replaces assets expended in OEF in FY2011.

<sup>(3)</sup> (EA99) Kevlar Extension Lanyard FY2014 OCO request \$0.009 replaces assets expended in OEF in FY2011.

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>				<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13		<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs		<b>Item Number / Title [DODIC]:</b> - / (ED09) BLU-117, 2000LB GP BOMB			

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	826	1,156	315	-	315
Gross/Weapon System Cost (\$ in Millions)	-	17.322	28.737	8.413	-	8.413
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	17.322	28.737	8.413	-	8.413
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>17.322</b>	<b>28.737</b>	<b>8.413</b>	-	<b>8.413</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 (\$ in Dollars)	-	20,970.94	24,859.00	26,707.94	-	26,707.94

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK	A	-	-	-	4,433.22	826	3.662	5,002.69	1,156	5.783	5,142.00	315	1.620	-	-	-	5,142.00	315	1.620
BOMB BODY 2000LB MK84 MOD 10 IM	A	-	-	-	6,228.60	842	5.244	4,954.75	1,177	5.832	7,072.00	315	2.228	-	-	-	7,072.00	315	2.228
LUG SUSP ACFT ORD MK3-0	A	-	-	-	54.32	1,684	0.091	60.45	2,354	0.142	66.00	630	0.042	-	-	-	66.00	630	0.042
CXM-AF7	A	-	-	-	13.80	568,288	7.842	20.67	795,328	16.439	20.00	216,720	4.334	-	-	-	20.00	216,720	4.334
PALLET MK79-1	A	-	-	-	862.00	422	0.364	851.29	590	0.502	795.00	160	0.127	-	-	-	795.00	160	0.127
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	17.204	-	-	28.699	-	-	8.351	-	-	-	-	-	8.351
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	17.204	-	-	28.699	-	-	8.351	-	-	-	-	-	8.351
Support - Support Cost Element Category Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.071	-	-	0.032	-	-	0.028	-	-	-	-	-	0.028
QUALITY ASSURANCE		-	-	-	-	-	0.010	-	-	0.006	-	-	0.007	-	-	-	-	-	0.007
FIRST ARTICLE TEST		-	-	-	-	-	0.037	-	-	-	-	-	0.027	-	-	-	-	-	0.027
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.118	-	-	0.038	-	-	0.062	-	-	-	-	-	0.062
<b>Gross/Weapon System Cost</b>		-	-	-	<b>20,970.94</b>	<b>826</b>	<b>17.322</b>	<b>24,859.00</b>	<b>1,156</b>	<b>28.737</b>	<b>26,707.94</b>	<b>315</b>	<b>8.413</b>	-	-	-	<b>26,707.94</b>	<b>315</b>	<b>8.413</b>

**Remarks:**

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<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force	<b>Date:</b> March 2014
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs	<b>Item Number / Title [DODIC]:</b> - / (ED09) BLU-117, 2000LB GP BOMB
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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 to receive bomb bodies and for miscellaneous explosives, fillers and packing materials used to produce an inventory-worthy round.

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.

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>					<b>Date: March 2014</b>							
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13			<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs					<b>Item Number / Title [DODIC]:</b> - / (ED15) BLU-111A/B 500LB GP BOMB				

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	4,445	4,481	1,245	-	1,245
Gross/Weapon System Cost (\$ in Millions)	-	22.329	28.263	8.158	-	8.158
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	22.329	28.263	8.158	-	8.158
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>22.329</b>	<b>28.263</b>	<b>8.158</b>	-	<b>8.158</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 (\$ in Dollars)	-	5,023.40	6,307.30	6,552.61	-	6,552.61

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK (LAP)	A	-	-	-	1,273.86	4,445	5.662	1,426.87	4,481	6.394	1,457.84	1,245	1.815	-	-	-	1,457.84	1,245	1.815
BOMB BODY 500 LB MK82 MOD 6 IM	A	-	-	-	2,159.40	4,533	9.789	2,159.40	4,570	9.868	2,427.54	1,245	3.022	-	-	-	2,427.54	1,245	3.022
LUG SUSP ACFT ORD MS3314	A	-	-	-	24.10	9,069	0.219	24.58	9,051	0.222	27.17	2,490	0.068	-	-	-	27.17	2,490	0.068
CXM-7	A	-	-	-	11.13	577,850	6.431	18.37	627,340	11.524	18.97	161,850	3.070	-	-	-	18.97	161,850	3.070
PALLET INSPECTION, MHU-122E	A	-	-	-	135.15	756	0.102	160.38	761	0.122	178.89	211	0.038	-	-	-	178.89	211	0.038
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	22.203	-	-	28.131	-	-	8.013	-	-	-	-	-	8.013
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	22.203	-	-	28.131	-	-	8.013	-	-	-	-	-	8.013
Support - Support Cost Element Category Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.116	-	-	0.127	-	-	0.114	-	-	-	-	-	0.114
QUALITY ASSURANCE		-	-	-	-	-	0.010	-	-	0.005	-	-	0.010	-	-	-	-	-	0.010
FIRST ARTICLE TEST		-	-	-	-	-	-	-	-	-	-	-	0.021	-	-	-	-	-	0.021
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.126	-	-	0.132	-	-	0.145	-	-	-	-	-	0.145
<b>Gross/Weapon System Cost</b>		-	-	-	<b>5,023.40</b>	<b>4,445</b>	<b>22.329</b>	<b>6,307.30</b>	<b>4,481</b>	<b>28.263</b>	<b>6,552.61</b>	<b>1,245</b>	<b>8.158</b>	-	-	-	<b>6,552.61</b>	<b>1,245</b>	<b>8.158</b>

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs	<b>Item Number / Title [DODIC]:</b> - / (ED15) BLU-111A/B 500LB GP BOMB
<b>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 to receive bomb bodies and for miscellaneous explosives, fillers and packing materials used to produce an inventory-worthy round.  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.		

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs	<b>Item Number / Title [DODIC]:</b> - / (ED49) BLU-109 2000 LB HARD TARGET BOMB

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	2,099	2,399	1,827	-	1,827
Gross/Weapon System Cost (\$ in Millions)	-	58.384	83.838	62.278	-	62.278
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	58.384	83.838	62.278	-	62.278
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>58.384</b>	<b>83.838</b>	<b>62.278</b>	-	<b>62.278</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 (\$ in Dollars)	-	27,815.15	34,947.06	34,087.58	-	34,087.58

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
LOAD, ASSEMBLE, PACK	A	-	-	-	9,296.00	2,099	19.512	10,743.00	2,399	25.772	10,838.00	1,827	19.801	-	-	-	10,838.00	1,827	19.801
BOMB BODY, 2000LB BLU-109/B	A	-	-	-	15,757.00	2,309	36.383	16,982.05	2,638	44.799	18,057.00	1,827	32.990	-	-	-	18,057.00	1,827	32.990
CONTAINER, CNU-417/E	A	-	-	-	2,054.00	1,154	2.370	2,213.00	1,319	2.919	2,352.00	913	2.147	-	-	-	2,352.00	913	2.147
CXM-AF-5	A	-	-	-	-	-	-	22.57	448,613	10.125	23.00	310,590	7.144	-	-	-	23.00	310,590	7.144
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	58.266	-	-	83.615	-	-	62.082	-	-	-	-	-	62.082
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	58.266	-	-	83.615	-	-	62.082	-	-	-	-	-	62.082
Support - Support Cost Element Category Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.072	-	-	0.184	-	-	0.144	-	-	-	-	-	0.144
QUALITY ASSURANCE		-	-	-	-	-	0.009	-	-	0.005	-	-	0.012	-	-	-	-	-	0.012
FIRST ARTICLE TEST		-	-	-	-	-	0.037	-	-	0.034	-	-	0.040	-	-	-	-	-	0.040
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.118	-	-	0.223	-	-	0.196	-	-	-	-	-	0.196
<b>Gross/Weapon System Cost</b>		-	-	-	<b>27,815.15</b>	<b>2,099</b>	<b>58.384</b>	<b>34,947.06</b>	<b>2,399</b>	<b>83.838</b>	<b>34,087.58</b>	<b>1,827</b>	<b>62.278</b>	-	-	-	<b>34,087.58</b>	<b>1,827</b>	<b>62.278</b>

**Remarks:**

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353020 / General Purpose Bombs	<b>Item Number / Title [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 to receive bomb bodies and for miscellaneous explosives, fillers and packing materials used to produce an inventory-worthy round.

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.

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**Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force** **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 13: Bombs	<b>P-1 Line Item Number / Title:</b> 353620 / JOINT DIRECT ATTACK MUNITION
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<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>
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<b>Line Item MDAP/MAIS Code:</b> 503	<b>Item MDAP/MAIS Code(s):</b>
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Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO <sup>#</sup>	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	158,104	4,678	10,415	2,973	-	2,973	10,635	10,821	4,840	12,089	-	214,555
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	3,659.226	144.610	250.469	101.400	-	101.400	295.444	308.867	160.059	363.083	-	5,283.158
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	3,659.226	144.610	250.469	101.400	-	101.400	295.444	308.867	160.059	363.083	-	5,283.158
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>3,659.226</b>	<b>144.610</b>	<b>250.469</b>	<b>101.400</b>	<b>-</b>	<b>101.400</b>	<b>295.444</b>	<b>308.867</b>	<b>160.059</b>	<b>363.083</b>	<b>-</b>	<b>5,283.158</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>\$ in Millions</i> )	0.021	0.025	0.028	0.029	-	0.030	0.031	0.033	0.034	0.036	-	0.023
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	0.023	0.031	0.024	0.034	-	0.034	0.028	0.029	0.033	0.030	-	0.025

<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.

**Description:**

FY2013 funding totals include \$53.923M appropriated for Overseas Contingency Operations.  
FY2014 funding totals include \$84.459M requested 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.

Funding for this exhibit contained in PE 0207583F.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	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)
Item - JOINT DIRECT ATTACK MUNITION	P-5, P-5a, P-21		0.023	158,104	3,659.226	0.031	4,678	144.610	0.024	10,415	250.469	0.034	2,973	101.400	-	-	-	0.034	2,973	101.400
<b>Total Gross/Weapon System Cost</b>			<b>0.023</b>	<b>158,104</b>	<b>3,659.226</b>	<b>0.031</b>	<b>4,678</b>	<b>144.610</b>	<b>0.024</b>	<b>10,415</b>	<b>250.469</b>	<b>0.034</b>	<b>2,973</b>	<b>101.400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.034</b>	<b>2,973</b>	<b>101.400</b>

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 13: Bombs	<b>P-1 Line Item Number / Title:</b> 353620 / JOINT DIRECT ATTACK MUNITION
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<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>
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<b>Line Item MDAP/MAIS Code:</b> 503	<b>Item MDAP/MAIS Code(s):</b>
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Exhibits Schedule		FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total			
Title*	Exhibits	ID CD	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)
Item - JOINT DIRECT ATTACK MUNITION	P-5, P-5a, P-21		0.028	10,635	295.444	0.029	10,821	308.867	0.033	4,840	160.059	0.030	12,089	363.083	-	-	-	0.025	214,555	5,283.158
<b>Total Gross/Weapon System Cost</b>			<b>0.028</b>	<b>10,635</b>	<b>295.444</b>	<b>0.029</b>	<b>10,821</b>	<b>308.867</b>	<b>0.033</b>	<b>4,840</b>	<b>160.059</b>	<b>0.030</b>	<b>12,089</b>	<b>363.083</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.025</b>	<b>214,555</b>	<b>5,283.158</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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.

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>										<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13				<b>P-1 Line Item Number / Title:</b> 353620 / JOINT DIRECT ATTACK MUNITION						<b>Item Number / Title [DODIC]:</b> - / JOINT DIRECT ATTACK MUNITION			

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	158,104	4,678	10,415	2,973	-	2,973	10,635	10,821	4,840	12,089	-	214,555
Gross/Weapon System Cost (\$ in Millions)	3,659.226	144.610	250.469	101.400	-	101.400	295.444	308.867	160.059	363.083	-	5,283.158
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3,659.226	144.610	250.469	101.400	-	101.400	295.444	308.867	160.059	363.083	-	5,283.158
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>3,659.226</b>	<b>144.610</b>	<b>250.469</b>	<b>101.400</b>	<b>-</b>	<b>101.400</b>	<b>295.444</b>	<b>308.867</b>	<b>160.059</b>	<b>363.083</b>	<b>-</b>	<b>5,283.158</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 (\$ in Millions)	0.023	0.031	0.024	0.034	-	0.034	0.028	0.029	0.033	0.030	-	0.025

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
<b>Hardware - Hardware Cost Element Category Cost</b>																			
Recurring Cost																			
JDAM TAIL KIT <sup>(†)</sup>	A	0.021	158,104	3,380.416	0.024	4,678	111.259	0.018	10,415	191.290	0.028	2,973	84.300	-	-	-	0.028	2,973	84.300
LASER SENSOR <sup>(†)</sup>	A	-	-	31.657	0.015	1,500	22.430	0.014	3,500	47.600	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	3,412.073	-	-	133.689	-	-	238.890	-	-	84.300	-	-	-	-	-	84.300
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	3,412.073	-	-	133.689	-	-	238.890	-	-	84.300	-	-	-	-	-	84.300
<b>Logistics - Logistics Cost Element Category Cost</b>																			
Recurring Cost																			
TECHNICAL DATA	A	-	-	0.060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics - Logistics Cost Element Category Cost</i>		-	-	0.060	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Ancillary Equipment - Ancillary Equipment Cost Element Category Cost</b>																			
Recurring Cost																			
TEST EQUIPMENT (CMBRE)	A	-	-	7.735	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AIRBORNE TEST EQUIPMENT <sup>(†)</sup>	A	-	-	56.600	0.035	100	3.500	-	-	-	0.037	150	5.576	-	-	-	0.037	150	5.576
<i>Subtotal: Recurring Cost</i>		-	-	64.335	-	-	3.500	-	-	-	-	-	5.576	-	-	-	-	-	5.576
<i>Subtotal: Ancillary Equipment -</i>		-	-	64.335	-	-	3.500	-	-	-	-	-	5.576	-	-	-	-	-	5.576

**UNCLASSIFIED**

<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>														<b>Date:</b> March 2014					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13							<b>P-1 Line Item Number / Title:</b> 353620 / JOINT DIRECT ATTACK MUNITION							<b>Item Number / Title [DODIC]:</b> - / JOINT DIRECT ATTACK MUNITION					

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
<i>Ancillary/Equipment Cost Element Category Cost</i>																			
<i>Support - Support Cost Element Category Cost</i>																			
PMA - GOVERNMENT COSTS		-	-	36.792	-	-	1.510	-	-	1.492	-	-	1.657	-	-	-	-	-	1.657
ALTERNATE DISPUTE RESOLUTION		-	-	0.940	-	-	0.050	-	-	0.054	-	-	0.055	-	-	-	-	-	0.055
SYSTEM TEST & EVALUATION		-	-	0.222	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAINING		-	-	4.533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRODUCTION SUSTAINING ENGINEERING		-	-	101.836	-	-	4.689	-	-	7.955	-	-	8.971	-	-	-	-	-	8.971
CONTRACTOR INCENTIVE		-	-	34.725	-	-	1.172	-	-	2.078	-	-	0.841	-	-	-	-	-	0.841
DELIVERY ACCELERATION		-	-	2.753	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEEK EAGLE		-	-	0.957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	182.758	-	-	7.421	-	-	11.579	-	-	11.524	-	-	-	-	-	11.524
<b>Gross/Weapon System Cost</b>		<b>0.023</b>	<b>158,104</b>	<b>3,659.226</b>	<b>0.031</b>	<b>4,678</b>	<b>144.610</b>	<b>0.024</b>	<b>10,415</b>	<b>250.469</b>	<b>0.034</b>	<b>2,973</b>	<b>101.400</b>	-	-	-	<b>0.034</b>	<b>2,973</b>	<b>101.400</b>

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
<i>Hardware - Hardware Cost Element Category Cost</i>																			
<i>Recurring Cost</i>																			
JDAM TAIL KIT <sup>(†)</sup>	A	0.025	10,635	269.870	0.026	10,821	283.499	0.028	4,840	135.400	0.028	12,089	336.648	-	-	-	0.022	214,555	4,792.682
LASER SENSOR <sup>(†)</sup>	A	0.015	500	7.626	0.016	500	7.778	0.016	500	7.934	0.016	500	8.092	-	-	-	0.019	7,000	133.117
<i>Subtotal: Recurring Cost</i>		-	-	277.496	-	-	291.277	-	-	143.334	-	-	344.740	-	-	-	-	-	4,925.799
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	277.496	-	-	291.277	-	-	143.334	-	-	344.740	-	-	-	-	-	4,925.799
<i>Logistics - Logistics Cost Element Category Cost</i>																			
<i>Recurring Cost</i>																			
TECHNICAL DATA	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.060
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.060

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>													<b>Date: March 2014</b>						
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13						<b>P-1 Line Item Number / Title:</b> 353620 / JOINT DIRECT ATTACK MUNITION						<b>Item Number / Title [DODIC]:</b> - / JOINT DIRECT ATTACK MUNITION							

Cost Elements	ID CD	FY 2016			FY 2017			FY 2018			FY 2019			To Complete			Total Cost		
		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)
<i>Subtotal: Logistics - Logistics Cost Element Category Cost</i>																			
		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.060
<i>Ancillary Equipment - AncillaryEquipment Cost Element Category Cost</i>																			
<i>Recurring Cost</i>																			
TEST EQUIPMENT (CMBRE)	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.735
AIRBORNE TEST EQUIPMENT <sup>(†)</sup>	A	0.038	150	5.682	0.039	130	5.018	0.039	112	4.406	0.040	112	4.489	-	-	-	0.113	754	85.271
<i>Subtotal: Recurring Cost</i>		-	-	5.682	-	-	5.018	-	-	4.406	-	-	4.489	-	-	-	-	-	93.006
<i>Subtotal: Ancillary Equipment - AncillaryEquipment Cost Element Category Cost</i>																			
		-	-	5.682	-	-	5.018	-	-	4.406	-	-	4.489	-	-	-	-	-	93.006
<i>Support - Support Cost Element Category Cost</i>																			
PMA - GOVERNMENT COSTS		-	-	1.694	-	-	1.730	-	-	1.766	-	-	1.799	-	-	-	-	-	48.440
ALTERNATE DISPUTE RESOLUTION		-	-	0.056	-	-	0.057	-	-	0.058	-	-	0.059	-	-	-	-	-	1.329
SYSTEM TEST & EVALUATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.222
TRAINING		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.533
PRODUCTION SUSTAINING ENGINEERING		-	-	9.358	-	-	9.524	-	-	9.583	-	-	10.734	-	-	-	-	-	162.650
CONTRACTOR INCENTIVE		-	-	1.158	-	-	1.261	-	-	0.912	-	-	1.262	-	-	-	-	-	43.409
DELIVERY ACCELERATION		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.753
SEEK EAGLE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.957
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	12.266	-	-	12.572	-	-	12.319	-	-	13.854	-	-	-	-	-	264.293
<b>Gross/Weapon System Cost</b>		<b>0.028</b>	<b>10,635</b>	<b>295.444</b>	<b>0.029</b>	<b>10,821</b>	<b>308.867</b>	<b>0.033</b>	<b>4,840</b>	<b>160.059</b>	<b>0.030</b>	<b>12,089</b>	<b>363.083</b>	-	-	-	<b>0.025</b>	<b>214,555</b>	<b>5,283.158</b>

(†) indicates the presence of a P-5a

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<b>Exhibit P-5a, Procurement History and Planning: PB 2015 Air Force</b>							<b>Date: March 2014</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13			<b>P-1 Line Item Number / Title:</b> 353620 / JOINT DIRECT ATTACK MUNITION				<b>Item Number / Title [DODIC]:</b> - / JOINT DIRECT ATTACK MUNITION				

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 (\$ M)	Specs Avail Now?	Date Revision Available	RFP Issue Date
JDAM TAIL KIT <sup>(†)</sup>		2013	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Dec 2012	Apr 2014	4,678	0.024	Y		Apr 2007
JDAM TAIL KIT <sup>(†)</sup>		2014	BOEING / ST CHARLES, MO	SS / FFP	AFLCMC Hill AFB	Jul 2014	Jul 2015	10,415	0.018	Y		Oct 2013
JDAM TAIL KIT <sup>(†)</sup>		2015	BOEING / ST CHARLES, MO	SS / FFP	AFLCMC Hill AFB	Feb 2015	Feb 2016	2,973	0.028	Y		Oct 2013
JDAM TAIL KIT <sup>(†)</sup>		2016	BOEING / ST CHARLES, MO	SS / FFP	AFLCMC Hill AFB	Feb 2016	Feb 2017	10,635	0.025	Y		Oct 2013
JDAM TAIL KIT <sup>(†)</sup>		2017	BOEING / ST CHARLES, MO	SS / FFP	AFLCMC Hill AFB	Feb 2017	Feb 2018	10,821	0.026	Y		Oct 2013
JDAM TAIL KIT <sup>(†)</sup>		2018	BOEING / ST CHARLES, MO	SS / FFP	AFLCMC Hill AFB	Feb 2018	Feb 2019	4,840	0.028	Y		Oct 2013
JDAM TAIL KIT <sup>(†)</sup>		2019	BOEING / ST CHARLES, MO	SS / FPIF	AFLCMC Hill AFB	Feb 2019	Feb 2020	12,089	0.028	Y		Jul 2018
LASER SENSOR		2013	BOEING / ST CHARLES, MO	SS / FFP	NAVAIR	Feb 2013	Aug 2014	1,500	0.015	Y		May 2012
LASER SENSOR		2014	BOEING / ST CHARLES, MO	SS / FFP	NAVAIR	Feb 2014	Aug 2015	3,500	0.014	Y		May 2012
LASER SENSOR		2016	BOEING / ST CHARLES, MO	SS / FFP	NAVAIR	Feb 2016	Aug 2017	500	0.015	Y		May 2015
LASER SENSOR		2017	BOEING / ST CHARLES, MO	SS / FFP	NAVAIR	Feb 2017	Aug 2018	500	0.016	Y		May 2015
LASER SENSOR		2018	BOEING / ST CHARLES, MO	SS / FFP	NAVAIR	Feb 2018	Aug 2019	500	0.016	Y		May 2015
LASER SENSOR		2019	BOEING / ST CHARLES, MO	SS / FFP	NAVAIR	Feb 2019	Aug 2020	500	0.016	Y		May 2015
AIRBORNE TEST EQUIPMENT		2013	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	May 2013	Jul 2014	100	0.035	Y		Jan 2013
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	0.039	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
AIRBORNE TEST EQUIPMENT		2019	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	May 2019	Jul 2020	112	0.040	Y		Jan 2019

<sup>(†)</sup> indicates the presence of a P-21













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<b>Exhibit P-21, Production Schedule:</b> PB 2015 Air Force	<b>Date:</b> March 2014
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<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 13	<b>P-1 Line Item Number / Title:</b> 353620 / JOINT DIRECT ATTACK MUNITION	<b>Item Number / Title [DODIC]:</b> - / JOINT DIRECT ATTACK MUNITION
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MFR Ref #	MFR Name - Location	Production Rates (Each / Year)			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	15.840	16.800	-	-	-	-	-	-	4	16	20

The first non-gray cell in the Delivery Schedule indicates the Contract Award Date.

Note: 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 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items **P-1 Line Item Number / Title:** 355100 / Cad/Pad

Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:						
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	43.463	35.837	29.989	-	29.989	58.720	52.475	46.044	46.972	-	313.500	
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (\$ in Millions)	-	43.463	35.837	29.989	-	29.989	58.720	52.475	46.044	46.972	-	313.500	
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>43.463</b>	<b>35.837</b>	<b>29.989</b>	-	<b>29.989</b>	<b>58.720</b>	<b>52.475</b>	<b>46.044</b>	<b>46.972</b>	-	<b>313.500</b>	

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

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

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

Cartridge Actuated Devices/Propellant Actuated Devices (CAD/PAD), such as gas generators, initiators, time-delay cartridges, Shield Mild-Detonating Cord (SMDC), rocket motors, rocket catapults, etc are used on aircraft fire-suppression, emergency-release and aircrew-escape/ejection systems. These explosive devices have finite lives and are replaced during scheduled aircraft maintenance. Life-support devices such as the Universal Water Activated Release System (UWARS) and parachute-release cartridges are essential to aircrew survival after ejection and are included in the CAD/PAD category.

PE associated with this P-1 Line is 0708070F.

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - BOMBER AIRCRAFT	P-40a	A	-	-	-	-	-	7.200	-	-	6.200	-	-	4.834	-	-	-	-	-	4.834
Item - CARGO AIRCRAFT	P-40a	A	-	-	-	-	-	4.700	-	-	4.314	-	-	2.688	-	-	-	-	-	2.688
Item - FIGHTER AIRCRAFT	P-40a	A	-	-	-	-	-	6.500	-	-	5.494	-	-	6.200	-	-	-	-	-	6.200
Item - TRAINING AIRCRAFT	P-40a	A	-	-	-	-	-	17.208	-	-	12.715	-	-	11.866	-	-	-	-	-	11.866
Item - COMMON EGRESS ITEMS	P-40a	A	-	-	-	-	-	2.250	-	-	1.744	-	-	2.148	-	-	-	-	-	2.148
Item - COMMON LIFE SUPPORT ITEMS	P-40a	A	-	-	-	-	-	3.302	-	-	3.626	-	-	1.534	-	-	-	-	-	1.534
Item - COMMON MISC ITEMS	P-40a	A	-	-	-	-	-	2.303	-	-	1.744	-	-	0.719	-	-	-	-	-	0.719

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items **P-1 Line Item Number / Title:** 355100 / Cad/Pad

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	43.463	-	-	35.837	-	-	29.989	-	-	-	-	-	29.989

\*For Items, Title represents the Item Number / Title [DODIC].  
 Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.

**Justification:**  
 FY2015 funds will be used for the on-going effort to maintain Aircraft operational availability and pilot safety. CAD/PAD assets expire due to established item shelf/service life, or mandatory "time-change" procedures for installed devices. The aircraft becomes grounded until reliable assets are obtained and installed.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 01 / 15 **P-1 Line Item Number / Title:** 355100 / Cad/Pad **Aggregated Items Title:** Cad/Pad

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
BOMBER AIRCRAFT	A		-	-	-	-	-	7.200	-	-	6.200	-	-	4.834	-	-	-	-	-	4.834
CARGO AIRCRAFT	A		-	-	-	-	-	4.700	-	-	4.314	-	-	2.688	-	-	-	-	-	2.688
FIGHTER AIRCRAFT	A		-	-	-	-	-	6.500	-	-	5.494	-	-	6.200	-	-	-	-	-	6.200
TRAINING AIRCRAFT	A		-	-	-	-	-	17.208	-	-	12.715	-	-	11.866	-	-	-	-	-	11.866
COMMON EGRESS ITEMS	A		-	-	-	-	-	2.250	-	-	1.744	-	-	2.148	-	-	-	-	-	2.148
COMMON LIFE SUPPORT ITEMS	A		-	-	-	-	-	3.302	-	-	3.626	-	-	1.534	-	-	-	-	-	1.534
COMMON MISC ITEMS	A		-	-	-	-	-	2.303	-	-	1.744	-	-	0.719	-	-	-	-	-	0.719
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	43.463	-	-	35.837	-	-	29.989	-	-	-	-	-	29.989
<b>Total</b>			-	-	-	-	-	<b>43.463</b>	-	-	<b>35.837</b>	-	-	<b>29.989</b>	-	-	-	-	-	<b>29.989</b>

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items

**P-1 Line Item Number / Title:**  
355450 / Explosive Ordnance Disposal (EOD)

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	6.894	7.531	6.925	-	6.925	5.656	5.805	5.960	6.120	-	44.891
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	6.894	7.531	6.925	-	6.925	5.656	5.805	5.960	6.120	-	44.891
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>6.894</b>	<b>7.531</b>	<b>6.925</b>	-	<b>6.925</b>	<b>5.656</b>	<b>5.805</b>	<b>5.960</b>	<b>6.120</b>	-	<b>44.891</b>

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

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

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

Explosive Ordnance Disposal (EOD), Demolition Material, Civil Engineering Tools and Equipment includes all explosives, explosive tools and related equipment to render unexploded ordnance safe. Provides support for Counter Improvised Explosive Devices (IED) operations, Special Operations teams, formal schools and Military Working Dog training. EOD/Demolition Munitions items are used in deployment packages, base response assets and range clearance resources in support of peacetime and contingency operations. These items are certified for use by the Air Force Non-Nuclear Munitions Safety Board (NNMSB) and the Department of Defense Explosives Safety Board (DDESB).

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

All listed items on the following P-40A have an FY2015 procurement value of less than \$5,000,000 and are Code A.

PEs associated with this P-1 Line are 0204424F and 0208028F.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Item - (AA62) 12 GAUGE M274 ULTRA CARTRIDGE	P-40a	A	-	-	-	-	-	-	-	-	-	6.22	965	0.006	-	-	-	6.22	965	0.006
Item - (AA66) - MEDIUM VELOCITY BLANK	P-40a	A	-	-	-	-	-	-	-	-	-	1.40	2,857	0.004	-	-	-	1.40	2,857	0.004

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force** **Date: March 2014**

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items **P-1 Line Item Number / Title:** 355450 / Explosive Ordnance Disposal (EOD)

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (DWDF) - CONTAINER, MAIN CHARGE	P-40a	A	-	-	-	-	-	-	95.24	42	0.004	-	-	-	-	-	-	-	-	-
Item - (M023) - CHARGE, DEMOLITION C4-M112	P-40a	A	-	-	-	36.88	81,330	2.999	41.66	74,412	3.100	42.49	61,191	2.600	-	-	-	42.49	61,191	2.600
Item - (M130) - CAP BLASTING ELECTRIC M6	P-40a	A	-	-	-	-	-	-	40.49	7,409	0.300	41.95	9,535	0.400	-	-	-	41.95	9,535	0.400
Item - (M131) - CAP, BLASTING NON-ELECTRIC-M7	P-40a	A	-	-	-	-	-	-	13.71	10,941	0.150	21.43	7,000	0.150	-	-	-	21.43	7,000	0.150
Item - (M420) - CHARGE, DEMO SHAPED M2A4 15 LB COMB B	P-40a	A	-	-	-	-	-	-	-	-	-	854.70	117	0.100	-	-	-	854.70	117	0.100
Item - (M421) - CHARGE, DEMO SHAPED M3A2 40LB COMB B	P-40a	A	-	-	-	-	-	-	1,417.24	290	0.411	1,515.15	297	0.450	-	-	-	1,515.15	297	0.450
Item - (M456) - CORD ASBLY DETONATING	P-40a	A	-	-	-	-	-	-	0.36	305,556	0.110	0.37	405,405	0.150	-	-	-	0.37	405,405	0.150
Item - (M482) - CONTAINER SHAPE CHARGE, MK7 MOD6	P-40a	A	-	-	-	38.64	1,294	0.050	-	-	-	39.46	127	0.005	-	-	-	39.37	127	0.005
Item - (M670) - FUZE BLASTING TIME	P-40a	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Item - (M980) - DETA SHEET	P-40a	A	-	-	-	27.14	11,422	0.310	29.45	5,093	0.150	30.26	6,609	0.200	-	-	-	30.26	6,609	0.200
Item - (ML47) - B CAP W/30 FT SHOCK TUBE	P-40a	A	-	-	-	-	-	-	29.70	505	0.015	21.65	462	0.010	-	-	-	21.65	462	0.010
Item - (MM24) DEMO ECT, MK 142, 300GPF	P-40a	A	-	-	-	-	-	-	-	-	-	200,000.00	1	0.200	-	-	-	200,000.00	1	0.200
Item - (MM51) DEMO ECT, MK 143, 600GPF	P-40a	A	-	-	-	-	-	-	-	-	-	247,000.00	1	0.247	-	-	-	247,000.00	1	0.247
Item - (MM52) DEMO ECT, MK144, 1200GPF	P-40a	A	-	-	-	-	-	-	-	-	-	250,000.00	1	0.250	-	-	-	250,000.00	1	0.250
Item - (MM53) - DEMO ECT, MK145, 2400GPF	P-40a	A	-	-	-	55.67	3,593	0.200	35.38	5,653	0.200	56.85	704	0.040	-	-	-	56.82	704	0.040
Item - (MM54) - EXPLOSIVE CUTTING TAPE	P-40a	A	-	-	-	75.66	4,453	0.337	54.61	7,325	0.400	55.19	18,119	1.000	-	-	-	55.19	18,119	1.000
Item - (MN07) - N/E 70FT DELAY SHOCK TUBE	P-40a	A	-	-	-	-	-	-	18.37	2,613	0.048	18.57	431	0.008	-	-	-	18.56	431	0.008
Item - (MN06) M14 SET UP, N/E CAP WITH TIME FUZE	P-40a	A	-	-	-	-	-	-	-	-	-	9.13	5,476	0.050	-	-	-	9.13	5,476	0.050
Item - (MN08) - IGNITER TIME BLASTING	P-40a	A	-	-	-	7.54	39,788	0.300	8.40	59,524	0.500	8.98	55,679	0.500	-	-	-	8.98	55,679	0.500
Item - (MN82) - SEMTEX A	P-40a	A	-	-	-	-	-	-	-	-	-	17.83	1,963	0.035	-	-	-	17.83	1,963	0.035

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items

**P-1 Line Item Number / Title:**  
355450 / Explosive Ordnance Disposal (EOD)

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (MN85) - DYNAMITE, 75% AMMON NITRATE	P-40a	A	-	-	-	-	-	-	2.19	1,370	0.003	-	-	-	-	-	-	-	-	-
Item - (MN88) - SHOCK TUBE W/BLASTING CAP 500	P-40a	A	-	-	-	47.95	46,480	2.229	50.45	40,040	2.020	-	-	-	-	-	-	-	-	-
Item - (MN90) - M-13 1,000 FT SHOCK TUBE W/CAP M23	P-40a	A	-	-	-	68.25	6,871	0.469	87.34	1,145	0.100	-	-	-	-	-	-	-	-	-
Item - (YY34) - SHOCK TUBE	P-40a	A	-	-	-	-	-	-	0.49	40,816	0.020	0.50	40,000	0.020	-	-	-	0.50	40,000	0.020
Item - MK209	P-40a	A	-	-	-	-	-	-	-	-	-	500,000.00	1	0.500	-	-	-	500,000.00	1	0.500
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	<b>6.894</b>	-	-	<b>7.531</b>	-	-	<b>6.925</b>	-	-	-	-	-	<b>6.925</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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

**Justification:**  
FY2015 purchases explosive Ordnance Disposal (EOD), Demolition Material, Civil Engineering Tools and Equipment including all explosives, explosive tools and related equipment to render unexploded ordnance safe. Assets Provide support for Counter Improvised Explosive Devices (IED) operations, Special Operations teams, formal schools and Military Working Dog training. EOD/Demolition Munitions items are used in deployment packages, base response assets and range clearance resources in support of peacetime and contingency operations.

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.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 01 / 15 **P-1 Line Item Number / Title:** 355450 / Explosive Ordnance Disposal (EOD) **Aggregated Items Title:** Explosive Ordnance Disposal (EOD)

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
(AA62) 12 GAUGE M274 ULTRA CARTRIDGE	A		-	-	-	-	-	-	-	-	6.22	965	0.006	-	-	-	6.22	965	0.006	
(AA66) - MEDIUM VELOCITY BLANK	A		-	-	-	-	-	-	-	-	1.40	2,857	0.004	-	-	-	1.40	2,857	0.004	
(DWDF) - CONTAINER, MAIN CHARGE	A		-	-	-	-	-	-	95.24	42	0.004	-	-	-	-	-	-	-	-	
(M023) - CHARGE, DEMOLITION C4-M112	A		-	-	-	36.88	81,330	2.999	41.66	74,412	3.100	42.49	61,191	2.600	-	-	42.49	61,191	2.600	
(M130) - CAP BLASTING ELECTRIC M6	A		-	-	-	-	-	-	40.49	7,409	0.300	41.95	9,535	0.400	-	-	41.95	9,535	0.400	
(M131) - CAP, BLASTING NON-ELECTRIC-M7	A		-	-	-	-	-	-	13.71	10,941	0.150	21.43	7,000	0.150	-	-	21.43	7,000	0.150	
(M420) - CHARGE, DEMO SHAPED M2A4 15 LB COMB B	A		-	-	-	-	-	-	-	-	-	854.70	117	0.100	-	-	854.70	117	0.100	
(M421) - CHARGE, DEMO SHAPED M3A2 40LB COMB B	A		-	-	-	-	-	-	1,417.24	290	0.411	1,515.15	297	0.450	-	-	1,515.15	297	0.450	
(M456) - CORD ASBLY DETONATING	A		-	-	-	-	-	-	0.36	305,556	0.110	0.37	405,405	0.150	-	-	0.37	405,405	0.150	
(M482) - CONTAINER SHAPE CHARGE, MK7 MOD6	A		-	-	-	38.64	1,294	0.050	-	-	-	39.46	127	0.005	-	-	39.37	127	0.005	
(M670) - FUZE BLASTING TIME	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
(M980) - DETA SHEET	A		-	-	-	27.14	11,422	0.310	29.45	5,093	0.150	30.26	6,609	0.200	-	-	30.26	6,609	0.200	
(ML47) - B CAP W/30 FT SHOCK TUBE	A		-	-	-	-	-	-	29.70	505	0.015	21.65	462	0.010	-	-	21.65	462	0.010	
(MM24) DEMO ECT, MK 142, 300GPF	A		-	-	-	-	-	-	-	-	-	200,000.00	1	0.200	-	-	200,000.00	1	0.200	
(MM51) DEMO ECT, MK 143, 600GPF	A		-	-	-	-	-	-	-	-	-	247,000.00	1	0.247	-	-	247,000.00	1	0.247	
(MM52) DEMO ECT, MK144, 1200GPF	A		-	-	-	-	-	-	-	-	-	250,000.00	1	0.250	-	-	250,000.00	1	0.250	
(MM53) - DEMO ECT, MK145, 2400GPF	A		-	-	-	55.67	3,593	0.200	35.38	5,653	0.200	56.85	704	0.040	-	-	56.82	704	0.040	
(MM54) - EXPLOSIVE CUTTING TAPE	A		-	-	-	75.66	4,453	0.337	54.61	7,325	0.400	55.19	18,119	1.000	-	-	55.19	18,119	1.000	

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 01 / 15 **P-1 Line Item Number / Title:** 355450 / Explosive Ordnance Disposal (EOD) **Aggregated Items Title:** Explosive Ordnance Disposal (EOD)

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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)
(MN07) - N/E 70FT DELAY SHOCK TUBE	A		-	-	-	-	-	-	18.37	2,613	0.048	18.57	431	0.008	-	-	-	18.56	431	0.008
(MN06) M14 SET UP, N/E CAP WITH TIME FUZE	A		-	-	-	-	-	-	-	-	-	9.13	5,476	0.050	-	-	-	9.13	5,476	0.050
(MN08) - IGNITER TIME BLASTING	A		-	-	-	7.54	39,788	0.300	8.40	59,524	0.500	8.98	55,679	0.500	-	-	-	8.98	55,679	0.500
(MN82) - SEMTEX A	A		-	-	-	-	-	-	-	-	-	17.83	1,963	0.035	-	-	-	17.83	1,963	0.035
(MN85) - DYNAMITE, 75% AMMON NITRATE	A		-	-	-	-	-	-	2.19	1,370	0.003	-	-	-	-	-	-	-	-	-
(MN88) - SHOCK TUBE W/BLASTING CAP 500	A		-	-	-	47.95	46,480	2.229	50.45	40,040	2.020	-	-	-	-	-	-	-	-	-
(MN90) - M-13 1,000 FT SHOCK TUBE W/ CAP M23	A		-	-	-	68.25	6,871	0.469	87.34	1,145	0.100	-	-	-	-	-	-	-	-	-
(YY34) - SHOCK TUBE	A		-	-	-	-	-	-	0.49	40,816	0.020	0.50	40,000	0.020	-	-	-	0.50	40,000	0.020
MK209	A		-	-	-	-	-	-	-	-	-	500,000.00	1	0.500	-	-	-	500,000.00	1	0.500
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	6.894	-	-	7.531	-	-	6.925	-	-	-	-	-	6.925
<b>Total</b>			-	-	-	-	-	<b>6.894</b>	-	-	<b>7.531</b>	-	-	<b>6.925</b>	-	-	-	-	-	<b>6.925</b>

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items

**P-1 Line Item Number / Title:**  
355900 / Spares and Repair Parts

Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:						
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	1.002	0.499	0.494	-	0.494	0.503	0.513	0.522	0.532	-	4.065	
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (\$ in Millions)	-	1.002	0.499	0.494	-	0.494	0.503	0.513	0.522	0.532	-	4.065	
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>1.002</b>	<b>0.499</b>	<b>0.494</b>	-	<b>0.494</b>	<b>0.503</b>	<b>0.513</b>	<b>0.522</b>	<b>0.532</b>	-	<b>4.065</b>	

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

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

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

This P-1 line funds spares and repair parts for Procurement of Ammunition, Air Force (PAAF) items. Initial spares consist of reparable components, assemblies and subassemblies, as well as consumable items required in support of newly fielded end items. Requirements are based on historical failure/demand data on similar items. Replenishment spares consist of reparable components, assemblies and subassemblies required for follow-on sustainment of end items. Munitions replenishment spare levels are based on item-specific failure/demand driven computations.

PE associated with this P-1 Line is 0208030F.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Item - MISC. LOW COST INITIAL SPARES	P-40a	A	-	-	-	-	-	1.002	-	-	0.499	-	-	0.494	-	-	-	-	-	0.494
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	<b>1.002</b>	-	-	<b>0.499</b>	-	-	<b>0.494</b>	-	-	-	-	-	<b>0.494</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items		<b>P-1 Line Item Number / Title:</b> 355900 / Spares and Repair Parts
<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>
<p>Items requested in FY2015 are identified on the following P-40A and are representative of items to be procured.</p>		



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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 01 / 15 **P-1 Line Item Number / Title:** 355900 / Spares and Repair Parts **Aggregated Items Title:** Spares and Repair Parts

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
MISC. LOW COST INITIAL SPARES	A		-	-	-	-	-	1.002	-	-	0.499	-	-	0.494	-	-	-	-	-	0.494
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	1.002	-	-	0.499	-	-	0.494	-	-	-	-	-	0.494
<b>Total</b>			-	-	-	-	-	1.002	-	-	0.499	-	-	0.494	-	-	-	-	-	0.494

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items **P-1 Line Item Number / Title:** 355970 / Modifications

ID Code (A=Service Ready, B=Not Service Ready) : A		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	1.143	0.480	1.610	-	1.610	1.494	1.239	1.263	1.288	-	8.517
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	1.143	0.480	1.610	-	1.610	1.494	1.239	1.263	1.288	-	8.517
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>1.143</b>	<b>0.480</b>	<b>1.610</b>	-	<b>1.610</b>	<b>1.494</b>	<b>1.239</b>	<b>1.263</b>	<b>1.288</b>	-	<b>8.517</b>
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Dollars)	-	-	-	-	-	-	-	-	-	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

This budget line encompasses both new and on-going modification efforts for guided bomb and munitions systems. Permanent modifications consist of configuration changes to in-service systems and equipment which correct material/other deficiencies or add/delete capability. Safety modifications correct deficiencies which may create personnel, system or equipment hazards.

PE associated with this P-1 line is 0208030F.

**Justification:**

The FY2015 funding request reflects estimated costs based on historical funding requirements and projected future requirements.

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:**  
3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items **P-1 Line Item Number / Title:**  
355990 / Items Less Than \$5 Million

Resource Summary	Prior Years	Program Elements for Code B Items:					Other Related Program Elements:						
		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	7.108	7.353	4.237	-	4.237	4.368	4.458	4.561	4.667	-	36.752	
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (\$ in Millions)	-	7.108	7.353	4.237	-	4.237	4.368	4.458	4.561	4.667	-	36.752	
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>7.108</b>	<b>7.353</b>	<b>4.237</b>	-	<b>4.237</b>	<b>4.368</b>	<b>4.458</b>	<b>4.561</b>	<b>4.667</b>	-	<b>36.752</b>	

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

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

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

FY2013 funding totals include \$2.600M appropriated for Overseas Contingency Operations.

This category includes various munitions items to support air base ground defense, air rescue and aircrew/ground training.

All items listed on the following P-40A have an annual procurement value of less than \$5 million and are code A.

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

PEs associated with this P-1 Line are 0207580F, 0207599F and 0207040F.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Item - (G878) FUZE, GRENADE HAND, PRAC	P-40a	A	-	-	-	9.12	16,447	0.150	-	-	-	8.98	22,272	0.200	-	-	-	8.98	22,272	0.200
Item - (G881) GRN, HAND PRAC M228	P-40a	A	-	-	-	46.82	4,272	0.200	42.10	22,470	0.946	44.99	1,556	0.070	-	-	-	44.99	1,556	0.070

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 15: Other Items **P-1 Line Item Number / Title:** 355990 / Items Less Than \$5 Million

ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:									Other Related Program Elements:								
Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (G940) GRENADE, SMOKE, GREEN M18	P-40a	A	-	-	-	52.99	17,475	0.926	41.55	23,538	0.978	43.82	7,074	0.310	-	-	-	43.82	7,074	0.310
Item - (G945) GRENADE, SMOKE, YELLOW	P-40a	A	-	-	-	55.00	3,636	0.200	44.16	6,793	0.300	46.77	6,414	0.300	-	-	-	46.77	6,414	0.300
Item - (G950) GRENADE, SMOKE, RED	P-40a	A	-	-	-	59.10	846	0.050	46.30	1,080	0.050	49.46	1,011	0.050	-	-	-	49.46	1,011	0.050
Item - (G955) GRENADE, SMOKE, VIOLET M18	P-40a	A	-	-	-	57.98	4,312	0.250	45.91	6,535	0.300	48.69	6,161	0.300	-	-	-	48.69	6,161	0.300
Item - (GG04) GRENADE, NON-LETHAL MODEL 9590 (1)	P-40a	A	-	-	-	38.64	67,288	2.600	39.00	23,718	0.925	41.00	8,976	0.368	-	-	-	41.00	8,976	0.368
Item - (GG09) GRENADE, HAND NON-LETHAL	P-40a	A	-	-	-	106.04	13,033	1.382	-	-	-	170.93	9,185	1.570	-	-	-	170.93	9,185	1.570
Item - (KM02) PEPPER SPRAY, POCKET	P-40a	A	-	-	-	-	-	-	9.48	2,110	0.020	-	-	-	-	-	-	-	-	-
Item - (L594) SIMULATOR, GROUND BURST M115A2	P-40a	A	-	-	-	20.94	16,667	0.349	19.00	31,579	0.600	20.50	9,756	0.200	-	-	-	20.50	9,756	0.200
Item - (L601) SIMULATOR, HAND GRENADE M116A1	P-40a	A	-	-	-	17.49	22,870	0.400	16.20	24,691	0.400	17.70	14,407	0.255	-	-	-	17.70	14,407	0.255
Item - ALE	P-40a	A	-	-	-	-	-	-	-	-	2.224	-	-	-	-	-	-	-	-	-
Item - NUCLEAR TRAINERS	P-40a	A	-	-	-	-	-	0.601	-	-	0.610	-	-	0.614	-	-	-	-	-	0.614
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	<b>7.108</b>	-	-	<b>7.353</b>	-	-	<b>4.237</b>	-	-	-	-	-	<b>4.237</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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

**Justification:**  
FY2015 purchases miscellaneous munitions such as hand grenades, grenades with colored smoke for signaling aircrews and air-rescue, and ground-burst simulators primarily used for air-base and ground support missions.

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.

**Footnotes:**  
(1) FY13 OCO \$2.600

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 01 / 15 **P-1 Line Item Number / Title:** 355990 / Items Less Than \$5 Million **Aggregated Items Title:** Items Less Than \$5 Million

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
(G878) FUZE, GRENADE HAND, PRAC	A		-	-	-	9.12	16,447	0.150	-	-	-	8.98	22,272	0.200	-	-	-	8.98	22,272	0.200
(G881) GRN, HAND PRAC M228	A		-	-	-	46.82	4,272	0.200	42.10	22,470	0.946	44.99	1,556	0.070	-	-	-	44.99	1,556	0.070
(G940) GRENADE, SMOKE, GREEN M18	A		-	-	-	52.99	17,475	0.926	41.55	23,538	0.978	43.82	7,074	0.310	-	-	-	43.82	7,074	0.310
(G945) GRENADE, SMOKE, YELLOW	A		-	-	-	55.00	3,636	0.200	44.16	6,793	0.300	46.77	6,414	0.300	-	-	-	46.77	6,414	0.300
(G950) GRENADE, SMOKE, RED	A		-	-	-	59.10	846	0.050	46.30	1,080	0.050	49.46	1,011	0.050	-	-	-	49.46	1,011	0.050
(G955) GRENADE, SMOKE, VIOLET M18	A		-	-	-	57.98	4,312	0.250	45.91	6,535	0.300	48.69	6,161	0.300	-	-	-	48.69	6,161	0.300
(GG04) GRENADE, NON-LETHAL MODEL 9590 <sup>(1)</sup>	A		-	-	-	38.64	67,288	2.600	39.00	23,718	0.925	41.00	8,976	0.368	-	-	-	41.00	8,976	0.368
(GG09) GRENADE, HAND NON-LETHAL	A		-	-	-	106.04	13,033	1.382	-	-	-	170.93	9,185	1.570	-	-	-	170.93	9,185	1.570
(KM02) PEPPER SPRAY, POCKET	A		-	-	-	-	-	-	9.48	2,110	0.020	-	-	-	-	-	-	-	-	-
(L594) SIMULATOR, GROUND BURST M115A2	A		-	-	-	20.94	16,667	0.349	19.00	31,579	0.600	20.50	9,756	0.200	-	-	-	20.50	9,756	0.200
(L601) SIMULATOR, HAND GRENADE M116A1	A		-	-	-	17.49	22,870	0.400	16.20	24,691	0.400	17.70	14,407	0.255	-	-	-	17.70	14,407	0.255
ALE	A		-	-	-	-	-	-	-	-	2.224	-	-	-	-	-	-	-	-	-
NUCLEAR TRAINERS	A		-	-	-	-	-	0.601	-	-	0.610	-	-	0.614	-	-	-	-	-	0.614
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	7.108	-	-	7.353	-	-	4.237	-	-	-	-	-	4.237
<b>Total</b>			-	-	-	-	-	7.108	-	-	7.353	-	-	4.237	-	-	-	-	-	4.237

**Footnotes:**

<sup>(1)</sup> FY13 OCO \$2.600

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 16: Flares **P-1 Line Item Number / Title:** 356010 / Flares

ID Code (A=Service Ready, B=Not Service Ready) : A		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO <sup>#</sup>	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	56.433	61.839	86.101	-	86.101	123.835	127.755	115.927	118.229	-	690.119
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	56.433	61.839	86.101	-	86.101	123.835	127.755	115.927	118.229	-	690.119
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>56.433</b>	<b>61.839</b>	<b>86.101</b>	-	<b>86.101</b>	<b>123.835</b>	<b>127.755</b>	<b>115.927</b>	<b>118.229</b>	-	<b>690.119</b>

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

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

<sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.

**Description:**

FY2013 funding includes \$11.726M appropriated for Overseas Contingency Operations.

FY2014 funding includes \$14.973M 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. FY2014 funding totals include \$3.072M requested for Overseas Contingency Operations.
- (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. FY2014 funding totals include \$0.905M requested for Overseas Contingency Operations.
- (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. FY2014 funding totals include \$0.286M requested for Overseas Contingency Operations.
- (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. FY2014 funding totals include \$7.376M requested for Overseas Contingency Operations. No Budget Year 2015 funds requested.
- (LA61) MJU-66 Countermeasure Flare is an improved version of the MJU-64 providing increased decoy effectiveness and protection for the A-10, C-130 and F-35 aircraft and HH-53 and HH-60 helicopters against advanced air-to-air and surface-to-air infrared weapon systems. It is a one-piece aluminum case containing a payload of advanced special material elements, loaded into a multiple jettison unit magazine installed on a countermeasure dispenser. When deployed into the air stream, the special material reacts to emit an infrared signal to decoy infrared seeking missiles.

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 16: Flares **P-1 Line Item Number / Title:** 356010 / Flares

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

- (LA67) MJU-71 IR Flare is a magnesium based thrustled 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 thrustled 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. FY2014 funding totals include \$3.334 requested for Overseas Contingency Operations.

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

Funding for this exhibit contained in PEs: 0207224F, 0208030F and 0207599F.

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	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)
Item - MJU-64 IR CM FLARE - LA43	P-40a	A	-	-	-	92.44	127,304	11.768	89.00	94,112	8.376	-	-	-	-	-	-	-	-	-
Item - (LA61) MJU-66 CM ACFT Flare	P-40a	A	-	-	-	75.00	98,520	7.389	-	-	-	75.59	74,282	5.615	-	-	-	75.59	74,282	5.615
Item - (LA67) FLARE, IR, CM (MJU-71/B)	P-40a	A	-	-	-	683.01	10,098	6.897	683.00	12,471	8.518	684.99	11,679	8.000	-	-	-	684.99	11,679	8.000
Item - (L554) MARKER, LOCATION MARINE MK25	P-40a	A	-	-	-	-	-	-	-	-	-	417.00	4,312	1.798	-	-	-	416.98	4,312	1.798
Item - (LA19) MJU-50 (4.2g) FLARE	P-40a	A	-	-	-	-	-	-	61.54	54,176	3.334	71.00	29,577	2.100	-	-	-	71.00	29,577	2.100
Item - (LA21) MJU-53 FLARE, IR COUNTERMEASURE	P-40a	A	-	-	-	75.00	43,827	3.287	-	-	-	76.59	27,419	2.100	-	-	-	76.59	27,419	2.100
Item - (LA36) MJU-62 FLARE, COUNTERMEASURE TH7	P-40a	A	-	-	-	-	-	-	-	-	-	202.17	10,387	2.100	-	-	-	202.18	10,387	2.100
Item - (LA68) MJU-68 INFRARED COUNTERMEASURE FLARE	P-40a	A	-	-	-	-	-	-	450.00	5,400	2.430	450.00	4,667	2.100	-	-	-	449.97	4,667	2.100
Item - (LA69) MJU-69 INFRARED COUNTERMEASURE FLARE	P-40a	A	-	-	-	-	-	-	450.00	5,400	2.430	450.00	4,667	2.100	-	-	-	449.97	4,667	2.100
Item - (LY12) ALA-17 INFRARED CM ACFT FLARE	P-40a	A	-	-	-	-	-	-	-	-	-	606.78	1,813	1.100	-	-	-	606.73	1,813	1.100
Item - COMBAT SEARCH AND RESCUE	P-40a	A	-	-	-	-	-	-	-	-	3.097	-	-	-	-	-	-	-	-	-

**UNCLASSIFIED**

**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 16: Flares **P-1 Line Item Number / Title:** 356010 / Flares

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - (L410) M206 FLARE	P-5		-	-	-	32.42	575,205	18.647	36.34	634,874	23.072	35.63	1,012,969	36.088	-	-	-	35.63	1,012,969	36.088
Item - (L461) MJU-10 FLARE	P-5		-	-	-	-	-	7.757	-	-	9.164	-	-	10.000	-	-	-	-	-	10.000
Item - (L463) MJU-7A/B, IR FLARE	P-5		-	-	-	50.57	13,606	0.688	53.60	26,455	1.418	59.93	216,919	13.000	-	-	-	59.93	216,919	13.000
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	<b>56.433</b>	-	-	<b>61.839</b>	-	-	<b>86.101</b>	-	-	-	-	-	<b>86.101</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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

**Justification:**

FY2015 purchases countermeasures and flares used by A-10, AC-130, F-16, C-17 aircraft, HH-53 and HH-60 helicopters to protect the warfighter against advanced air-to-air and ground-to-air infrared and heat seeking attack weapon systems and missiles.

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.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 01 / 16 **P-1 Line Item Number / Title:** 356010 / Flares **Aggregated Items Title:** (LA43) MJU-64 IR CM FLARE

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
MJU-64 IR CM FLARE - LA43	A		-	-	-	92.44	127,304	11.768	89.00	94,112	8.376	-	-	-	-	-	-	-	-	
<i>Subtotal: TOTAL RECURRING HARDWARE COST</i>			-	-	-	-	-	11.768	-	-	8.376	-	-	-	-	-	-	-	-	
<b>Total</b>			-	-	-	-	-	11.768	-	-	8.376	-	-	-	-	-	-	-	-	

**Remarks:**  
Air Force purchases MJU-64 Flare through the Navy. The Navy provides this cost analysis with estimates obtained from industry based on quantity range matrices and forecasted cost of materials.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 16	<b>P-1 Line Item Number / Title:</b> 356010 / Flares	<b>Aggregated Items Title:</b> (LA61) MJU-66 CM ACFT FLARE
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
(LA61) MJU-66 CM ACFT Flare	A		-	-	-	75.00	98,520	7.389	-	-	-	75.59	74,282	5.615	-	-	-	75.59	74,282	5.615
<i>Subtotal: TOTAL RECURRING HARDWARE COST</i>			-	-	-	-	-	7.389	-	-	-	-	-	5.615	-	-	-	-	-	5.615
<b>Total</b>			-	-	-	-	-	<b>7.389</b>	-	-	-	-	-	<b>5.615</b>	-	-	-	-	-	<b>5.615</b>

**Remarks:**

Air Force purchases MJU-66 through the Navy. The Navy provides this cost analysis with estimates obtained from industry based on quantity range matrices and forecasted cost of materials.

**UNCLASSIFIED**

**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Air Force **Date:** March 2014

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 16	<b>P-1 Line Item Number / Title:</b> 356010 / Flares	<b>Aggregated Items Title:</b> (LA67) FLARE, IR, CM (MJU-71/B)
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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) FLARE, IR, CM (MJU-71/B)	A		-	-	-	683.01	10,098	6.897	683.00	12,471	8.518	684.99	11,679	8.000	-	-	-	684.99	11,679	8.000
<i>Subtotal: SUBTOTAL RECURRING HARDWARE</i>			-	-	-	-	-	6.897	-	-	8.518	-	-	8.000	-	-	-	-	-	8.000
<b>Total</b>			-	-	-	-	-	<b>6.897</b>	-	-	<b>8.518</b>	-	-	<b>8.000</b>	-	-	-	-	-	<b>8.000</b>

**Remarks:**  
Unit prices are estimates from industry.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force</b>															<b>Date: March 2014</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 16										<b>P-1 Line Item Number / Title:</b> 356010 / Flares					<b>Aggregated Items Title:</b> FLARES (ITEMS LESS THAN \$5 MILLION)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
(L554) MARKER, LOCATION MARINE MK25	A		-	-	-	-	-	-	-	-	-	417.00	4,312	1.798	-	-	-	416.98	4,312	1.798
(LA19) MJU-50 (4.2g) FLARE	A		-	-	-	-	-	61.54	54,176	3.334	71.00	29,577	2.100	-	-	-	71.00	29,577	2.100	-
(LA21) MJU-53 FLARE, IR COUNTERMEASURE	A		-	-	-	75.00	43,827	3.287	-	-	-	76.59	27,419	2.100	-	-	-	76.59	27,419	2.100
(LA36) MJU-62 FLARE, COUNTERMEASURE TH7	A		-	-	-	-	-	-	-	-	-	202.17	10,387	2.100	-	-	-	202.18	10,387	2.100
(LA68) MJU-68 INFRARED COUNTERMEASURE FLARE	A		-	-	-	-	-	-	450.00	5,400	2.430	450.00	4,667	2.100	-	-	-	449.97	4,667	2.100
(LA69) MJU-69 INFRARED COUNTERMEASURE FLARE	A		-	-	-	-	-	-	450.00	5,400	2.430	450.00	4,667	2.100	-	-	-	449.97	4,667	2.100
(LY12) ALA-17 INFRARED CM ACFT FLARE	A		-	-	-	-	-	-	-	-	-	606.78	1,813	1.100	-	-	-	606.73	1,813	1.100
COMBAT SEARCH AND RESCUE	A		-	-	-	-	-	-	-	-	3.097	-	-	-	-	-	-	-	-	-
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	3.287	-	-	11.291	-	-	13.398	-	-	-	-	-	13.398
<b>Total</b>			-	-	-	-	-	3.287	-	-	11.291	-	-	13.398	-	-	-	-	-	13.398

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>					<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 16			<b>P-1 Line Item Number / Title:</b> 356010 / Flares			<b>Item Number / Title [DODIC]:</b> - / (L410) M206 FLARE		

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity ( <i>Units in Each</i> )	-	575,205	634,874	1,012,969	-	1,012,969
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	18.647	23.072	36.088	-	36.088
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	18.647	23.072	36.088	-	36.088
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>18.647</b>	<b>23.072</b>	<b>36.088</b>	-	<b>36.088</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>\$ in Dollars</i> )	-	32.42	36.34	35.63	-	35.63

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
M206 FLARE - L410	A	-	-	-	31.74	575,205	18.257	35.70	634,874	22.665	36.00	987,639	35.555	-	-	-	36.00	987,639	35.555
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	18.257	-	-	22.665	-	-	35.555	-	-	-	-	-	35.555
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	18.257	-	-	22.665	-	-	35.555	-	-	-	-	-	35.555
Support - Support Cost Element Category Cost																			
PRODUCTION ENGINEERING		-	-	-	-	-	0.382	-	-	0.396	-	-	0.526	-	-	-	-	-	0.526
QUALITY ASSURANCE		-	-	-	-	-	0.008	-	-	0.011	-	-	0.007	-	-	-	-	-	0.007
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.390	-	-	0.407	-	-	0.533	-	-	-	-	-	0.533
<b>Gross/Weapon System Cost</b>		-	-	-	<b>32.42</b>	<b>575,205</b>	<b>18.647</b>	<b>36.34</b>	<b>634,874</b>	<b>23.072</b>	<b>35.63</b>	<b>1,012,969</b>	<b>36.088</b>	-	-	-	<b>35.63</b>	<b>1,012,969</b>	<b>36.088</b>

**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.



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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>				<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 16			<b>P-1 Line Item Number / Title:</b> 356010 / Flares			<b>Item Number / Title [DODIC]:</b> - / (L461) MJU-10 FLARE		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	7.757	9.164	10.000	-	10.000
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	7.757	9.164	10.000	-	10.000
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>7.757</b>	<b>9.164</b>	<b>10.000</b>	-	<b>10.000</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>\$ in Dollars</i> )	-	-	-	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
MJU-10 FLARE - L461	A	-	-	-	169.85	45,624	7.749	195.70	26,719	5.229	210.90	47,400	9.997	-	-	-	210.90	47,400	9.997
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	7.749	-	-	5.229	-	-	9.997	-	-	-	-	-	9.997
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	7.749	-	-	5.229	-	-	9.997	-	-	-	-	-	9.997
Support - Support Cost Element Category Cost																			
QUALITY ASSURANCE		-	-	-	-	-	0.008	-	-	3.935	-	-	0.003	-	-	-	-	-	0.003
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.008	-	-	3.935	-	-	0.003	-	-	-	-	-	0.003
<b>Gross/Weapon System Cost</b>		-	-	-	-	-	<b>7.757</b>	-	-	<b>9.164</b>	-	-	<b>10.000</b>	-	-	-	-	-	<b>10.000</b>

**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.

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>					<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 16			<b>P-1 Line Item Number / Title:</b> 356010 / Flares			<b>Item Number / Title [DODIC]:</b> - / (L463) MJU-7A/B, IR FLARE		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	13,606	26,455	216,919	-	216,919
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	0.688	1.418	13.000	-	13.000
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	0.688	1.418	13.000	-	13.000
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	-	<b>0.688</b>	<b>1.418</b>	<b>13.000</b>	-	<b>13.000</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>\$ in Dollars</i> )	-	50.57	53.60	59.93	-	59.93

# The FY 2015 OCO Request will be submitted at a later date.

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
<b>Hardware - Hardware Cost Element Category Cost</b>																			
<b>Recurring Cost</b>																			
MJU-7A/B IR FLARE - L463	A	-	-	-	50.00	13,606	0.680	53.26	26,455	1.409	59.90	216,919	12.993	-	-	-	59.90	216,919	12.993
<b>Subtotal: Recurring Cost</b>		-	-	-	-	-	0.680	-	-	1.409	-	-	12.993	-	-	-	-	-	12.993
<b>Subtotal: Hardware - Hardware Cost Element Category Cost</b>		-	-	-	-	-	0.680	-	-	1.409	-	-	12.993	-	-	-	-	-	12.993
<b>Support - Support Cost Element Category Cost</b>																			
QUALITY ASSURANCE		-	-	-	-	-	0.008	-	-	0.009	-	-	0.007	-	-	-	-	-	0.007
<b>Subtotal: Support - Support Cost Element Category Cost</b>		-	-	-	-	-	0.008	-	-	0.009	-	-	0.007	-	-	-	-	-	0.007
<b>Gross/Weapon System Cost</b>		-	-	-	50.57	13,606	0.688	53.60	26,455	1.418	59.93	216,919	13.000	-	-	-	59.93	216,919	13.000

**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.

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 18: Fuzes **P-1 Line Item Number / Title:** 356120 / Fuzes

ID Code (A=Service Ready, B=Not Service Ready) : A		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	44.909	79.896	103.417	-	103.417	215.142	216.786	155.006	199.655	-	1,014.811
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	44.909	79.896	103.417	-	103.417	215.142	216.786	155.006	199.655	-	1,014.811
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>44.909</b>	<b>79.896</b>	<b>103.417</b>	-	<b>103.417</b>	<b>215.142</b>	<b>216.786</b>	<b>155.006</b>	<b>199.655</b>	-	<b>1,014.811</b>

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

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

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

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

FY2014 funding includes \$3.859M requested 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. FY2014 funding requested includes \$3.859M for Overseas Contingency Operations.
- FMU-143S/B Fuze (ED29): 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.
- 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.
- 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.

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 18: Fuzes **P-1 Line Item Number / Title:** 356120 / Fuzes

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

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

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - DSU-33D/B PROXIMITY SENSOR - KY70	P-40a	A	-	-	-	1,910.65	4,759	9.093	1,793.57	3,609	6.473	2,802.03	4,637	12.993	-	-	-	2,802.03	4,637	12.993
Item - QUALITY ASSURANCE	P-40a	A	-	-	-	-	-	0.011	-	-	0.006	-	-	0.007	-	-	-	-	-	0.007
Item - FMU-152A/B FUZE CURRENT/FOLLOW-ON CONTRACT <sup>(1)</sup>	P-40a	A	-	-	-	3,999.84	6,221	24.883	4,561.04	10,001	45.615	4,400.79	10,322	45.425	-	-	-	4,400.79	10,322	45.425
Item - FMU-152/B D-2 (EB93)	P-40a	A	-	-	-	1,245.55	281	0.350	1,261.83	317	0.400	-	-	-	-	-	-	-	-	-
Item - RING KIT, FMU-143, JDAM (ED67)	P-40a	A	-	-	-	400.00	5,585	2.234	400.00	5,000	2.000	-	-	-	-	-	-	-	-	-
Item - (ED29) FMU-143S/B 60 MIL SEC FUZE	P-5		-	-	-	4,485.25	1,830	8.208	4,514.75	1,356	6.122	6,406.15	1,561	10.000	-	-	-	6,406.15	1,561	10.000
Item - HARD TARGET VOID SENSING FUZE (HTVSF)	P-5		-	-	-	-	-	0.130	-	-	19.280	-	-	34.992	-	-	-	-	-	34.992
<b>Total Gross/Weapon System Cost</b>			-	-	-	-	-	<b>44.909</b>	-	-	<b>79.896</b>	-	-	<b>103.417</b>	-	-	-	-	-	<b>103.417</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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

**Justification:**  
 FY2015 purchases the Joint Programmable Fuze, FMU-143 and Hard Target Void Sensing Fuze systems for use with precision guided, penetrator and unguided bombs. The FMU-152A/B provides multiple arm times, instantaneous and multiple short and long delay detonation times, hard target survivability, cockpit programmability, and increased service/shelf life. The FMU-143 fuze is compatible with all aircraft and used to direct guided and unguided weapons against hard targets. The Hard Target Void Sensing Fuze (HTVSF) is an advanced system designed to enable 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 and multi-delay arming capabilities.

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.

**Footnotes:**

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F: Procurement of Ammunition, Air Force / BA 01: Ammunition / BSA 18: Fuzes		<b>P-1 Line Item Number / Title:</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>

<sup>(1)</sup> The JPF Follow-On contract was awarded on 3 Sep 2013 with a total of 18,462 USG fuzes and 5,101 FMS fuzes, for a total of 23,563 fuzes.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 01 / 18 **P-1 Line Item Number / Title:** 356120 / Fuzes **Aggregated Items Title:** (KY70) DSU-33D/B PROX SENSOR

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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		-	-	-	1,910.65	4,759	9.093	1,793.57	3,609	6.473	2,802.03	4,637	12.993	-	-	-	2,802.03	4,637	12.993
<i>Subtotal: SUBTOTAL RECURRING HARDWARE COST</i>			-	-	-	-	-	9.093	-	-	6.473	-	-	12.993	-	-	-	-	-	12.993
<b>SUBTOTAL SUPPORT COST</b>																				
QUALITY ASSURANCE	A		-	-	-	-	-	0.011	-	-	0.006	-	-	0.007	-	-	-	-	-	0.007
<i>Subtotal: SUBTOTAL SUPPORT COST</i>			-	-	-	-	-	0.011	-	-	0.006	-	-	0.007	-	-	-	-	-	0.007
<b>Total</b>			-	-	-	-	-	9.104	-	-	6.479	-	-	13.000	-	-	-	-	-	13.000

**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.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2015 Air Force															<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 18							<b>P-1 Line Item Number / Title:</b> 356120 / Fuzes							<b>Aggregated Items Title:</b> (EC11) FUZE SYSTEM FMU-152A/B JPF					

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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		-	-	-	3,999.84	6,221	24.883	4,561.04	10,001	45.615	4,400.79	10,322	45.425	-	-	-	4,400.79	10,322	45.425
<i>Subtotal: SUBTOTAL RECURRING HARDWARE</i>			-	-	-	-	-	24.883	-	-	45.615	-	-	45.425	-	-	-	-	-	45.425
<b>Total</b>			-	-	-	-	-	24.883	-	-	45.615	-	-	45.425	-	-	-	-	-	45.425

**Remarks:**

A follow-on contract with a Basic plus 2 options was awarded 3 Sep 2013 with a total of 18,462 USG fuzes and 5,101 FMS fuzes, for a total of 23,563 fuzes. \$2.046M in FY13 funding will be held for the FY14 option of the follow-on contract to achieve EOQ.

**Footnotes:**

<sup>(1)</sup> The JPF Follow-On contract was awarded on 3 Sep 2013 with a total of 18,462 USG fuzes and 5,101 FMS fuzes, for a total of 23,563 fuzes.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2015 Air Force															<b>Date:</b> March 2014				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 18						<b>P-1 Line Item Number / Title:</b> 356120 / Fuzes						<b>Aggregated Items Title:</b> FUZES (ITEMS LESS THAN \$5 MILLION)							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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		-	-	-	1,245.55	281	0.350	1,261.83	317	0.400	-	-	-	-	-	-	-	-	-
RING KIT, FMU-143, JDAM (ED67)	A		-	-	-	400.00	5,585	2.234	400.00	5,000	2.000	-	-	-	-	-	-	-	-	-
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	2.584	-	-	2.400	-	-	-	-	-	-	-	-	-
<b>Total</b>			-	-	-	-	-	2.584	-	-	2.400	-	-	-	-	-	-	-	-	-



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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 18	<b>P-1 Line Item Number / Title:</b> 356120 / Fuzes	<b>Item Number / Title [DODIC]:</b> - / (ED29) FMU-143S/B 60 MIL SEC FUZE

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity (Units in Each)	-	1,830	1,356	1,561	-	1,561
Gross/Weapon System Cost (\$ in Millions)	-	8.208	6.122	10.000	-	10.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	8.208	6.122	10.000	-	10.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>8.208</b>	<b>6.122</b>	<b>10.000</b>	-	<b>10.000</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 (\$ in Dollars)	-	4,485.25	4,514.75	6,406.15	-	6,406.15

# The FY 2015 OCO Request will be submitted at a later date.

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
<b>Hardware - Hardware Cost Element Category Cost</b>																			
<b>Recurring Cost</b>																			
LOAD, ASSEMBLE, PACK (LAP)	A	-	-	-	4,428.00	1,830	8.103	4,454.16	1,356	6.040	5,446.43	1,561	8.502	-	-	-	5,446.43	1,561	8.502
PA60 CONTAINER	A	-	-	-	35.00	1,866	0.065	35.89	1,424	0.051	54.99	1,639	0.090	-	-	-	54.99	1,639	0.090
PBXN-11	A	-	-	-	41.00	622	0.026	37.91	460	0.017	46.45	531	0.025	-	-	-	46.45	531	0.025
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	8.194	-	-	6.108	-	-	8.617	-	-	-	-	-	8.617
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	8.194	-	-	6.108	-	-	8.617	-	-	-	-	-	8.617
<b>Support - Support Cost Element Category Cost</b>																			
QUALITY ASSURANCE		-	-	-	-	-	0.014	-	-	0.014	-	-	0.033	-	-	-	-	-	0.033
FIRST ARTICLE TEST		-	-	-	-	-	-	-	-	-	-	-	1.350	-	-	-	-	-	1.350
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.014	-	-	0.014	-	-	1.383	-	-	-	-	-	1.383
<b>Gross/Weapon System Cost</b>		-	-	-	<b>4,485.25</b>	<b>1,830</b>	<b>8.208</b>	<b>4,514.75</b>	<b>1,356</b>	<b>6.122</b>	<b>6,406.15</b>	<b>1,561</b>	<b>10.000</b>	-	-	-	<b>6,406.15</b>	<b>1,561</b>	<b>10.000</b>

**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.

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<b>Exhibit P-5, Cost Analysis:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 18	<b>P-1 Line Item Number / Title:</b> 356120 / Fuzes	<b>Item Number / Title [DODIC]:</b> - / (ED29) FMU-143S/B 60 MIL SEC FUZE

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>		<b>Date:</b> March 2014
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 01 / 18	<b>P-1 Line Item Number / Title:</b> 356120 / Fuzes	<b>Item Number / Title [DODIC]:</b> - / HARD TARGET VOID SENSING FUZE (HTVSF)

Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	0.130	19.280	34.992	-	34.992
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	0.130	19.280	34.992	-	34.992
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	-	<b>0.130</b>	<b>19.280</b>	<b>34.992</b>	-	<b>34.992</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 (\$ in Dollars)	-	-	-	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Hardware - Hardware Cost Element Category Cost																				
Recurring Cost																				
Hard Target Void Sensing Fuze CLIN 1001	A	-	-	-	-	-	-	22,715.56	475	10.790	19,516.00	1,545	30.152	-	-	-	-	19,516.00	1,545	30.152
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	-	-	-	10.790	-	-	30.152	-	-	-	-	-	-	30.152
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	-	-	-	10.790	-	-	30.152	-	-	-	-	-	-	30.152
Support - Support Cost Element Category Cost																				
Program Management Administration		-	-	-	-	-	-	-	-	-	-	-	1.500	-	-	-	-	-	-	1.500
Tech Manuals		-	-	-	-	-	-	-	-	0.145	-	-	0.226	-	-	-	-	-	-	0.226
Engineering Change Order		-	-	-	-	-	-	-	-	0.805	-	-	0.600	-	-	-	-	-	-	0.600
FAAT		-	-	-	-	-	-	-	-	6.952	-	-	0.206	-	-	-	-	-	-	0.206
Tech Support		-	-	-	-	-	0.130	-	-	0.588	-	-	0.515	-	-	-	-	-	-	0.515
Life Cycle Surveillance Test		-	-	-	-	-	-	-	-	-	-	-	1.793	-	-	-	-	-	-	1.793
<i>Subtotal: Support - Support Cost Element Category Cost</i>		-	-	-	-	-	0.130	-	-	8.490	-	-	4.840	-	-	-	-	-	-	4.840
<b>Gross/Weapon System Cost</b>		-	-	-	-	-	<b>0.130</b>	-	-	<b>19.280</b>	-	-	<b>34.992</b>	-	-	-	-	-	-	<b>34.992</b>

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**Exhibit P-40, Budget Line Item Justification:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 02: Weapons / BSA 1: Small Arms **P-1 Line Item Number / Title:** 357010 / Small Arms

ID Code (A=Service Ready, B=Not Service Ready) : A		Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	22.935	18.839	24.648	-	24.648	60.566	38.060	33.883	34.538	-	233.469
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	22.935	18.839	24.648	-	24.648	60.566	38.060	33.883	34.538	-	233.469
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>0.000</b>	<b>22.935</b>	<b>18.839</b>	<b>24.648</b>	<b>-</b>	<b>24.648</b>	<b>60.566</b>	<b>38.060</b>	<b>33.883</b>	<b>34.538</b>	<b>-</b>	<b>233.469</b>

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

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

# The FY 2015 OCO Request will be submitted at a later date.

**Description:**

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.

The M4 Carbine is a 5.56mm, gas-operated, air-cooled, magazine-fed, selective-rate, shoulder-fired weapon. It is fed by a 30-round magazine and has continued to replace select M16 series rifles and select M9 pistols. It provides the individual Airman operating in close quarters the capability to engage targets at extended ranges with accurate lethal fire. More compact than the M16 series rifle and featuring a collapsible stock, it achieves over 85% commonality with the M16A2 Rifle. The M4 carbine also includes a Combat Optic and the Modular Weapon System (MWS) which provides two additional magazines, the M4 Rail Assembly System and the Back-up Iron Sight.

The AN/PAS-13E(V)2 Thermal Weapon Sight (TWS) is a self-contained infrared (IR) imaging sensor used for target acquisition (sighting), to include conditions of low visibility. The AN/PAS-13E(V)2 is designed to mount on the M249 Automatic Rifle and the M240B Medium Machine Gun. The TWS is a rugged, lightweight, compact, battery powered sight capable of target acquisition under conditions of limited visibility such as darkness, smoke, fog, dust and haze. The AN/PAS-13E(V)2 can also operate effectively during daylight. Unlike image intensifiers that require low levels of light to operate effectively, the AN/PAS-13E(V)2 requires no visible light to operate and will not shut down or "bloom" when hit by direct light. Equally important, its use cannot be detected, since it operates silently and emits no heat or RF energy.

The M320A1 Grenade Launcher is a lightweight, 40 mm, single-shot, add-on grenade launcher that attaches under the barrel of the M4-series of carbines. The M320A1 can also be used as a stand-alone weapon with a fold out, adjustable buttstock. Ambidextrous operating controls and sling mounting points allow the weapon to be fitted to the operator. The M320 can fire all of the high explosive, armor piercing, irritant gas, smoke, and illuminating rounds previously fired from the M203. However, because its breech opens to the side, instead of the pump-style of the M203, the M320A1 can also fire a variety of newer, longer rounds including the suite of non-lethal rounds. The swing out barrel also aids the operator in rapid reloading. The M320A1 features an aluminum rifled barrel and is accurate with a variety of ammunition to a distance of 350 meters.

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

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**Exhibit P-40, Budget Line Item Justification: PB 2015 Air Force** **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F: Procurement of Ammunition, Air Force / BA 02: Weapons / BSA 1: Small Arms **P-1 Line Item Number / Title:** 357010 / Small Arms

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

Exhibits Schedule		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	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)
Item - AN/PAS-13E(V)2 Thermal Weapon Sight (TWS)	P-40a	A	-	-	-	-	-	-	-	-	-	5,291.58	2,826	14.954	-	-	-	5,291.58	2,826	14.954
Item - M320A1 (40MM GRENADE LAUNCHER)	P-40a	A	-	-	-	-	-	-	-	-	-	4,291.57	1,269	5.446	-	-	-	4,291.57	1,269	5.446
Item - AN/PAS-13E (V) 2	P-40a	A	-	-	-	5,288.94	1,147	6.066	5,294.85	1,053	5.575	-	-	-	-	-	-	-	-	-
Item - PAS13Dv3 Thermal Sight Heavy	P-40a	A	-	-	-	-	-	-	5,719.30	57	0.326	-	-	-	-	-	-	-	-	-
Item - PEQ-15 Laser Designator <sup>(1)</sup>	P-40a	A	-	-	-	894.92	3,096	2.771	-	-	-	-	-	-	-	-	-	-	-	-
Item - M110 <sup>(2)</sup>	P-40a	A	-	-	-	15,114.02	22	0.333	13,408.16	49	0.657	-	-	-	-	-	-	-	-	-
Item - M107 Sniper Rifle (.50 cal)	P-40a	A	-	-	-	12,129.52	77	0.934	12,129.51	92	1.116	12,129.53	15	0.182	-	-	-	12,129.53	15	0.182
Item - M4A1 Carbine (5.56mm - Auto)	P-40a	A	-	-	-	372.00	68	0.025	-	-	-	900.00	100	0.090	-	-	-	900.00	100	0.090
Item - Modular Combat Shotgun (12 Ga)	P-40a	A	-	-	-	699.00	25	0.017	800.00	25	0.020	800.00	25	0.020	-	-	-	800.00	25	0.020
Item - M9 Pistol (9mm)	P-40a	A	-	-	-	676.62	2,739	1.853	679.85	2,500	1.700	679.85	2,500	1.700	-	-	-	679.85	2,500	1.700
Item - M11 Compact Pistol (9mm)	P-40a	A	-	-	-	838.34	98	0.082	844.50	30	0.025	844.36	150	0.127	-	-	-	844.36	150	0.127
Item - M150 <sup>(3)</sup>	P-40a	A	-	-	-	1,213.33	75	0.091	1,243.52	1,698	2.112	1,200.00	500	0.600	-	-	-	1,200.00	500	0.600
Item - MOD PROJECTS PARTS PROCUREMENT	P-40a	A	-	-	-	-	-	0.526	-	-	0.400	-	-	0.350	-	-	-	-	-	0.350
Item - FIRST DESTINATION TRANSPORTATION	P-40a	A	-	-	-	-	-	0.744	-	-	0.400	-	-	0.635	-	-	-	-	-	0.635
Item - PMA- OTHER GOVERNMENT COST	P-40a	A	-	-	-	-	-	0.015	-	-	0.052	-	-	0.050	-	-	-	-	-	0.050
Item - PMA- CONTRACTOR SERVICES	P-40a	A	-	-	-	-	-	0.402	-	-	0.403	-	-	0.405	-	-	-	-	-	0.405
Item - M4 CARBINE (5.56mm)	P-5		-	-	-	-	-	9.075	-	-	6.053	-	-	0.090	-	-	-	-	-	0.090
<b>Total Gross/Weapon System Cost</b>			-	-	<b>0.000</b>	-	-	<b>22.935</b>	-	-	<b>18.839</b>	-	-	<b>24.648</b>	-	-	-	-	-	<b>24.648</b>

\*For Items, Title represents the Item Number / Title [DODIC].

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

**Justification:**

FY15 procurement dollars procure items in support of installation and unit mission requirements for Air Force personnel.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2015 Air Force		<b>Date:</b> March 2014
<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 Number / Title:</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>
<p>Items requested in FY15 are identified on the following 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.</p> <p><b>Footnotes:</b></p> <p>(1) AN/PEQ-15 is changing to budget code H from a budget code Y.</p> <p>(2) M110 procurements include non recurring costs for initial fielding of special gages.</p> <p>(3) M150 procurement is for initial fielding of sighting solution. All sustainment purchases will be through unit level funding.</p>		

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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 02 / 1 **P-1 Line Item Number / Title:** 357010 / Small Arms **Aggregated Items Title:** AN/PAS-13E (v)2

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
AN/PAS-13E(V)2 Thermal Weapon Sight (TWS)	A		-	-	-	-	-	-	-	-	-	5,291.58	2,826	14.954	-	-	-	5,291.58	2,826	14.954
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	-	-	-	-	-	-	14.954	-	-	-	-	-	14.954
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	14.954	-	-	-	-	-	14.954

**Remarks:**

Unit cost for FY15 are assumed and subject to change.

This item was justified in the "Items Less Than \$5 Million" exhibit in the FY13PB and FY14PB.



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**Exhibit P-40a, Budget Item Justification For Aggregated Items:** PB 2015 Air Force **Date:** March 2014

**Appropriation / Budget Activity / Budget Sub Activity:** 3011F / 02 / 1 **P-1 Line Item Number / Title:** 357010 / Small Arms **Aggregated Items Title:** M320A1

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
M320A1 (40MM GRENADE LAUNCHER)	A		-	-	-	-	-	-	-	-	-	4,291.57	1,269	5.446	-	-	-	4,291.57	1,269	5.446
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	-	-	-	-	-	-	5.446	-	-	-	-	-	5.446
<b>Total</b>			-	-	-	-	-	-	-	-	-	-	-	5.446	-	-	-	-	-	5.446

**Remarks:**

Unit costs for FY15 are assumed and are subject to change.

This item was justified in the "Items Less Than \$5 Million" exhibit in the FY13PB and FY14PB.

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Air Force</b>															<b>Date: March 2014</b>				
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 02 / 1										<b>P-1 Line Item Number / Title:</b> 357010 / Small Arms					<b>Aggregated Items Title:</b> SMALL ARMS (ITEMS LESS THAN \$5 MILLION)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 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>																				
AN/PAS-13E (V) 2	A		-	-	-	5,288.94	1,147	6.066	5,294.85	1,053	5.575	-	-	-	-	-	-	-	-	-
PAS13Dv3 Thermal Sight Heavy	A		-	-	-	-	-	-	5,719.30	57	0.326	-	-	-	-	-	-	-	-	-
PEQ-15 Laser Designator <sup>(1)</sup>	A		-	-	-	894.92	3,096	2.771	-	-	-	-	-	-	-	-	-	-	-	-
M110 <sup>(2)</sup>	A		-	-	-	15,114.02	22	0.333	13,408.16	49	0.657	-	-	-	-	-	-	-	-	-
M107 Sniper Rifle (.50 cal)	A		-	-	-	12,129.52	77	0.934	12,129.51	92	1.116	12,129.53	15	0.182	-	-	-	12,129.53	15	0.182
M4A1 Carbine (5.56mm - Auto)	A		-	-	-	372.00	68	0.025	-	-	-	900.00	100	0.090	-	-	-	900.00	100	0.090
Modular Combat Shotgun (12 Ga)	A		-	-	-	699.00	25	0.017	800.00	25	0.020	800.00	25	0.020	-	-	-	800.00	25	0.020
M9 Pistol (9mm)	A		-	-	-	676.62	2,739	1.853	679.85	2,500	1.700	679.85	2,500	1.700	-	-	-	679.85	2,500	1.700
M11 Compact Pistol (9mm)	A		-	-	-	838.34	98	0.082	844.50	30	0.025	844.36	150	0.127	-	-	-	844.36	150	0.127
M150 <sup>(3)</sup>	A		-	-	-	1,213.33	75	0.091	1,243.52	1,698	2.112	1,200.00	500	0.600	-	-	-	1,200.00	500	0.600
MOD PROJECTS PARTS PROCUREMENT	A		-	-	-	-	-	0.526	-	-	0.400	-	-	0.350	-	-	-	-	-	0.350
FIRST DESTINATION TRANSPORTATION	A		-	-	-	-	-	0.744	-	-	0.400	-	-	0.635	-	-	-	-	-	0.635
PMA- OTHER GOVERNMENT COST	A		-	-	-	-	-	0.015	-	-	0.052	-	-	0.050	-	-	-	-	-	0.050
PMA- CONTRACTOR SERVICES	A		-	-	-	-	-	0.402	-	-	0.403	-	-	0.405	-	-	-	-	-	0.405
<i>Subtotal: Uncategorized</i>			-	-	-	-	-	13.860	-	-	12.786	-	-	4.158	-	-	-	-	-	4.158
<b>Total</b>			-	-	-	-	-	13.860	-	-	12.786	-	-	4.158	-	-	-	-	-	4.158

**Remarks:**  
Unit costs for FY15 are assumed and subject to change.

**Footnotes:**  
<sup>(1)</sup> AN/PEQ-15 is changing to budget code H from a budget code Y.  
<sup>(2)</sup> M110 procurements include non recurring costs for initial fielding of special gages.  
<sup>(3)</sup> M150 procurement is for initial fielding of sighting solution. All sustainment purchases will be through unit level funding.

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<b>Exhibit P-5, Cost Analysis: PB 2015 Air Force</b>					<b>Date:</b> March 2014			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3011F / 02 / 1			<b>P-1 Line Item Number / Title:</b> 357010 / Small Arms			<b>Item Number / Title [DODIC]:</b> - / M4 CARBINE (5.56mm)		

<b>Resource Summary</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO#</b>	<b>FY 2015 Total</b>
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	-	9.075	6.053	0.090	-	0.090
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
Net Procurement (P1) ( <i>\$ in Millions</i> )	-	9.075	6.053	0.090	-	0.090
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-
<b>Total Obligation Authority</b> ( <i>\$ in Millions</i> )	-	<b>9.075</b>	<b>6.053</b>	<b>0.090</b>	-	<b>0.090</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>\$ in Dollars</i> )	-	-	-	-	-	-

# The FY 2015 OCO Request will be submitted at a later date.

<b>Cost Elements</b>	<b>ID CD</b>	<b>Prior Years</b>			<b>FY 2013</b>			<b>FY 2014</b>			<b>FY 2015 Base</b>			<b>FY 2015 OCO</b>			<b>FY 2015 Total</b>		
		<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>	<b>Unit Cost (\$)</b>	<b>Qty (Each)</b>	<b>Total Cost (\$ M)</b>
Hardware - Hardware Cost Element Category Cost																			
Recurring Cost																			
M4 CARBINE (5.56mm)	A	-	-	-	971.00	9,346	9.075	1,234.55	4,903	6.053	900.00	100	0.090	-	-	-	900.00	100	0.090
<i>Subtotal: Recurring Cost</i>		-	-	-	-	-	9.075	-	-	6.053	-	-	0.090	-	-	-	-	-	0.090
<i>Subtotal: Hardware - Hardware Cost Element Category Cost</i>		-	-	-	-	-	9.075	-	-	6.053	-	-	0.090	-	-	-	-	-	0.090
<b>Gross/Weapon System Cost</b>		-	-	-	-	-	<b>9.075</b>	-	-	<b>6.053</b>	-	-	<b>0.090</b>	-	-	-	-	-	<b>0.090</b>

**Remarks:**

Unit costs for FY15 are assumed and subject to change.

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