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**Department of Defense
Fiscal Year (FY) 2013 President's Budget Submission**

February 2012



Air Force

Justification Book Volume 1

Procurement of Ammunition, Air Force

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Air Force • President's Budget Submission FY 2013 • Procurement

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Appropriation Language Fiscal Year 2013 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 therefor, 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, \$715,397,000 to remain available for obligation until September 30, 2015.

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Department of the Air Force
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

31 Jan 2012

Appropriation: Procurement of Ammunition, Air Force

Budget Activity -----	FY 2011 Actuals -----	FY 2012 Base -----	FY 2012 OCO -----	FY 2012 Total -----
01. Procurement of Ammo, Air Force	1,035,473	491,990	97,510	589,500
02. Weapons	22,532	7,195	11,500	18,695
Total Procurement of Ammunition, Air Force	1,058,005	499,185	109,010	608,195

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Department of the Air Force
FY 2013 President's Budget
Exhibit P-1 FY 2013 President's Budget
Total Obligational Authority
(Dollars in Thousands)

31 Jan 2012

Appropriation: Procurement of Ammunition, Air Force

Budget Activity -----	FY 2013 Base -----	FY 2013 OCO -----	FY 2013 Total -----
01. Procurement of Ammo, Air Force	569,971	116,203	686,174
02. Weapons	29,223		29,223
Total Procurement of Ammunition, Air Force	599,194	116,203	715,397

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Department of the Air Force
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

31 Jan 2012

Appropriation: 3011F Procurement of Ammunition, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals		FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Procurement of Ammo, Air Force											

Rockets											
1	Rockets	A		19,000		23,919		329		24,248	U
Cartridges											
2	Cartridges	A		171,229		89,771		8,014		97,785	U
Bombs											
3	Practice Bombs	A		23,313		33,876				33,876	U
4	General Purpose Bombs	A		250,787		133,557		17,385		150,942	U
5	Joint Direct Attack Munition	A	13061	346,375	2313	76,649	1946	50,600	4259	127,249	U
Flare, IR MJU-7B											
6	Cad/Pad	A		36,812		42,410				42,410	U
7	Explosive Ordnance Disposal (EOD)	A		3,364		3,119		1,200		4,319	U
8	Spares and Repair Parts	A		994		998				998	U
9	Modifications	A		1,106		1,132				1,132	U
10	Items Less Than \$5 Million	A		4,987		5,075				5,075	U
Fuzes											
11	Flares	A		93,018		46,749		11,217		57,966	U
12	Fuzes	A		84,488		34,735		8,765		43,500	U
Total Procurement of Ammo, Air Force				1,035,473		491,990		97,510		589,500	

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Department of the Air Force
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

31 Jan 2012

Appropriation: 3011F Procurement of Ammunition, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Procurement of Ammo, Air Force									

Rockets									
1	Rockets	A		8,927				8,927	U
Cartridges									
2	Cartridges	A		118,075		13,592		131,667	U
Bombs									
3	Practice Bombs	A		32,393				32,393	U
4	General Purpose Bombs	A		163,467		23,211		186,678	U
5	Joint Direct Attack Munition	A	3259	101,921	1419	53,923	4678	155,844	U
Flare, IR MJU-7B									
6	Cad/Pad	A		43,829		2,638		46,467	U
7	Explosive Ordnance Disposal (EOD)	A		7,515				7,515	U
8	Spares and Repair Parts	A		1,003				1,003	U
9	Modifications	A		5,321				5,321	U
10	Items Less Than \$5 Million	A		5,066		2,600		7,666	U
Fuzes									
11	Flares	A		46,010		11,726		57,736	U
12	Fuzes	A		36,444		8,513		44,957	U
Total Procurement of Ammo, Air Force				569,971		116,203		686,174	

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Department of the Air Force
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

31 Jan 2012

Appropriation: 3011F Procurement of Ammunition, Air Force

Line No	Item Nomenclature	Ident Code	FY 2011 Actuals		FY 2012 Base		FY 2012 OCO		FY 2012 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Weapons											

Small Arms											
13	Small Arms	A	22,532		7,195		11,500		18,695		U
			-----		-----		-----		-----		
Total Weapons			22,532		7,195		11,500		18,695		
			-----		-----		-----		-----		
Total Procurement of Ammunition, Air Force			1,058,005		499,185		109,010		608,195		

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Department of the Air Force
 FY 2013 President's Budget
 Exhibit P-1 FY 2013 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

31 Jan 2012

Appropriation: 3011F Procurement of Ammunition, Air Force

Line No	Item Nomenclature	Ident Code	FY 2013 Base		FY 2013 OCO		FY 2013 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 02: Weapons									

Small Arms									
13	Small Arms	A	29,223				29,223		U
			-----		-----		-----		
Total Weapons			29,223				29,223		
			-----		-----		-----		
Total Procurement of Ammunition, Air Force			599,194		116,203		715,397		

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Air Force • President's Budget Submission FY 2013 • Procurement

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

Appropriation 3011F: Procurement of Ammunition, Air Force

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2	01	12	2	CARTRIDGES (OVERVIEW).....	Volume 1 - 7
3	01	13	3	PRACTICE BOMBS (OVERVIEW).....	Volume 1 - 29
4	01	13	4	GENERAL PURPOSE BOMBS (OVERVIEW).....	Volume 1 - 41
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9	01	15	9	MODIFICATIONS.....	Volume 1 - 91
10	01	15	10	ITEMS LESS THAN \$5 MILLION.....	Volume 1 - 93
11	01	15	11	FLARES (OVERVIEW).....	Volume 1 - 95
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Appropriation 3011F: Procurement of Ammunition, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
13	02	01	13	SMALL ARMS.....	Volume 1 - 123

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Air Force • President's Budget Submission FY 2013 • Procurement

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

Line Item Title	Line Item Number	Line #	BA	BSA	Page
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EXPLOSIVES ORDNANCE DISPOSAL (EOD)	7	7	01	15.....	Volume 1 - 83
FLARES (OVERVIEW)	11	11	01	15.....	Volume 1 - 95
FUZES (OVERVIEW)	12	12	01	16.....	Volume 1 - 115
GENERAL PURPOSE BOMBS (OVERVIEW)	4	4	01	13.....	Volume 1 - 41
ITEMS LESS THAN \$5 MILLION	10	10	01	15.....	Volume 1 - 93
JOINT DIRECT ATTACK MUNITION	5	5	01	13.....	Volume 1 - 67
MODIFICATIONS	9	9	01	15.....	Volume 1 - 91
PRACTICE BOMBS (OVERVIEW)	3	3	01	13.....	Volume 1 - 29
ROCKETS (OVERVIEW)	1	1	01	11.....	Volume 1 - 1
SMALL ARMS	13	13	02	01.....	Volume 1 - 123
SPARES AND REPAIR PARTS	8	8	01	15.....	Volume 1 - 89

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ACRONYMS

GENERAL ACRONYMS

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
EWAIISP	- Electronic Warfare Avionics Integration Support Facility
FLIR	- Forward Looking Infra Red
FOT&E	- Follow-on Test and Evaluation

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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
PR	- Purchase Request
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
RWR	- Radar Warning Receiver
ROM	- Rough Order of Magnitude
SAM	- Surface-to-Air Missile
SS	- Sole Source

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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 ACRONYMS

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
AFPC	- Air Force Personnel Center
AFPSL	- AF Primary Standards Lab
AFR	- Air Force Reserve
AFSOC	- AF Special Operations Command

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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
DSCC	- Defense Supply Center, Columbus
DPSC	- Defense Personnel Support 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
USMC	- United States Marine Corps
USSTRATCOM	- United States Strategic Command
WPAFB	- Wright-Patterson AFB, OH

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CONTRACT METHOD / TYPE ACRONYMS

C	- Competitive
BA	- Basic Agreement
BOA	- Basic Ordering Agreement
BPA	- Blanket Purchasing Agreement
CS	- Cost Sharing
IDDQ	- 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	- Undefined Contract Action
WP	- Work Project

CONTRACTED BY ACRONYMS

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
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

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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

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 11 : Rockets	P-1 Line Item Nomenclature: 1 - ROCKETS (OVERVIEW)
--	--

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	19.000	24.248	8.927	0.000	8.927	15.735	14.816	13.416	13.628	-	109.770
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	19.000	24.248	8.927	0.000	8.927	15.735	14.816	13.416	13.628	-	109.770
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	19.000	24.248	8.927	0.000	8.927	15.735	14.816	13.416	13.628	-	109.770

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

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

Description:

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

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

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

- 2.75 Inch Rocket Motor (HA07): A single-stage, solid grained rocket motor used to propel 2.75 Inch Illum Warhead (H812), 2.75 Inch Rocket Flares (HA06), 2.75 Inch WP Warhead (H855), and 2.75 Inch Signature Practice Warhead (H872) to their targets. The 2.75 Inch Rocket is used primarily to mark target locations for other aircraft. Three versions of the 2.75 inch rocket motor are in use: MK 4, MK 40, and MK 66. This item is procured through the U.S. Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama. FY2012 funding includes \$0.182M of requested funding for Overseas Contingency Operations supplemental funding.

- 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 through the U.S. Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama. FY2012 funding includes \$0.128M of requested funding for Overseas Contingency Operations supplemental funding.

- 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 through the U.S Army Missile Command, Joint Attack Munitions Systems (JAMS), PEO Missiles and Space at Redstone Arsenal Alabama. FY2012 funding includes \$0.019M of requested Overseas Contingency Operations supplemental funding.

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

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 11 : Rockets

P-1 Line Item Nomenclature:
 1 - ROCKETS (OVERVIEW)

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
ROCKETS (ITEMS LESS THAN \$5 MILLION) (See enclosed P-40A)	P40A				0.000			3.447			3.152			0.000			0.000			0.000
ROCKETS (2.75 IN ROCKET MOTOR - HA07)	P5		-	-	-	-	-	2.247	-	-	15.342	-	-	8.927	-	-	0.000	-	-	8.927
ROCKETS (2.75 WHD WP SMOKE - H855)	P5, P5A		-	-	-	-	-	13.306	-	-	5.754	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					-			19.000			24.248			8.927			0.000			8.927

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

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.

Items requested in FY2013 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force													Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 11						P-1 Line Item Nomenclature: 1 - ROCKETS (OVERVIEW)						Aggregated Item Name: ROCKETS (ITEMS LESS THAN \$5 MILLION)						

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
(H149) LAUNCHER, LAU-131A	A	-	-	0.000	-	-	0.000	911.71	1,008	0.919	-	-	0.000	-	-	0.000	-	-	0.000
(HA06) 2.75 FLARE IR	A	-	-	0.000	2,105.18	656	1.381	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(H812) WARHEAD, 2.75 ILLUMINATION M257	A	-	-	0.000	1,723.10	1,199	2.066	2,145.05	1,041	2.233	-	-	0.000	-	-	0.000	-	-	0.000
<i>Subtotal Uncategorized</i>				0.000			3.447			3.152			0.000			0.000			0.000
Total				0.000			3.447			3.152			0.000			0.000			0.000

Remarks:

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 11	P-1 Line Item Nomenclature: 1 - ROCKETS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): ROCKETS (2.75 IN ROCKET MOTOR - HA07)

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	2.247	15.342	8.927	0.000	8.927
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	2.247	15.342	8.927	0.000	8.927
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	2.247	15.342	8.927	0.000	8.927

(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)	-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
2.75 ROCKET MOTOR MK66 MOD 2 - HA07	A	-	-	0.000	1,088.00	1,988	2.163	643.00	23,252	14.951	776.01	11,161	8.661	-	-	0.000	776.01	11,161	8.661
Total Recurring Cost				0.000			2.163			14.951			8.661			0.000			8.661
Total Hardware Cost				0.000			2.163			14.951			8.661			0.000			8.661
Support Cost																			
PRODUCTION ENGINEERING		-	-	0.000	-	-	0.084	-	-	0.391	-	-	0.266	-	-	0.000	-	-	0.266
Total Support Cost				0.000			0.084			0.391			0.266			0.000			0.266
Gross Weapon System Cost				-			2.247			15.342			8.927			0.000			8.927

Remarks:

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 11	P-1 Line Item Nomenclature: 1 - ROCKETS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): ROCKETS (2.75 WHD WP SMOKE - H855)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	13.306	5.754	0.000	0.000	0.000
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	13.306	5.754	0.000	0.000	0.000
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	13.306	5.754	0.000	0.000	0.000

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† 2.75 WARHEAD WP SMOKE - H855	A	-	-	0.000	437.00	29,302	12.805	353.01	15,283	5.395	-	-	0.000	-	-	0.000	-	-	0.000
Total Recurring Cost				0.000			12.805			5.395			0.000			0.000			0.000
Total Hardware Cost				0.000			12.805			5.395			0.000			0.000			0.000
Support Cost																			
PRODUCTION ENGINEERING		-	-	0.000	-	-	0.501	-	-	0.359	-	-	0.000	-	-	0.000	-	-	0.000
Total Support Cost				0.000			0.501			0.359			0.000			0.000			0.000
Gross Weapon System Cost				-			13.306			5.754			0.000			0.000			0.000

Remarks:

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 11				P-1 Line Item Nomenclature: 1 - ROCKETS (OVERVIEW)						Item Nomenclature: ROCKETS (2.75 WHD WP SMOKE - H855)		
Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.75 WARHEAD WP SMOKE - H855		2010	GENERAL DYNAMICS ARMAMENT / BURLINGTON, VT	MIPR	AFMC/OO-ALC	Mar 2010	Jan 2012	47,812	419.85	Y		
2.75 WARHEAD WP SMOKE - H855		2011	GENERAL DYNAMICS ARMAMENT / BURLINGTON, VT	MIPR	AFMC/OO-ALC	Mar 2011	Jan 2012	29,302	437.00	Y		
2.75 WARHEAD WP SMOKE - H855		2012	GENERAL DYNAMICS ARMAMENT / BURLINGTON, VT	MIPR	AFMC/OO-ALC	Mar 2012	Mar 2014	15,283	353.01	Y		
Remarks: The footnote below applies to the following items: 2.75 WARHEAD WP SMOKE - H855: FY2010 is a new basic contract with at least 3 option years. The footnote below applies to the following items: 2.75 WARHEAD WP SMOKE - H855: FY2011 will be an option of the FY10 basic contract. The footnote below applies to the following items: 2.75 WARHEAD WP SMOKE - H855: FY2012 will be an option of the FY10 basic contract. Production facility is used by other DOD agencies to produce other munition items.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 12 : Cartridges	P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	0	-	-	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	0.000	171.229	97.785	118.075	13.592	131.667	129.362	136.061	136.934	139.093	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	171.229	97.785	118.075	13.592	131.667	129.362	136.061	136.934	139.093	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	171.229	97.785	118.075	13.592	131.667	129.362	136.061	136.934	139.093	Continuing	Continuing

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

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

Description:

FY2011 funding includes \$30.801M of appropriated Overseas Contingency Operations supplemental funding. This includes \$0.158M reprogrammed in support of Operation ODYSSEY DAWN.

FY2012 funding includes \$8.014M of requested Overseas Contingency Operations supplemental funding.

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

- 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.

- Items Less Than Five Million Dollars: All items have an annual procurement of less than \$5,000,000 and are Code A. FY2011 funding includes \$15.723M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$2.700M of requested Overseas Contingency Operations supplemental funding.

- 20MM PGU-28A/B (AA22): This round is used for air-to-air and air-to-ground targets in the M61 gun system for F-15 & F-16 aircraft. This ammunition is used by both the Air Force and Navy for combat use only. FY2011 funding includes \$2.480M of appropriated Overseas Contingency Operations funding. FY2012 funding includes \$0.762M of requested Overseas Contingency Operations funding. This item is procured through the Army Single Manager for Conventional Ammunition.

- 20MM Target Practice (TP) Round PGU027A/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 20MM projectile is a solid slug sized to match the ballistics of the 20MM combat round. The 20MM cartridge is the primary ammunition used in aircraft gun systems by the Air Force and Navy. The Air Force procures the PGU-27 TP round to provide a training capability to complement the PGU-28 high explosive incendiary combat round and ensure training is consistent with combat operations. This item is procured through the Army Single Manager for Conventional Ammunition and Engineering Support Costs are provided to the Navy.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 12 : Cartridges

P-1 Line Item Nomenclature:
2 - CARTRIDGES (OVERVIEW)

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

- 30MM HEI PGU-13/B Round (B104): This is a High Explosive Incendiary (HEI) round that is used with the GAU-8/A cannon on the A-10 aircraft. This round contains an explosive material that is used against light armor and personnel. FY2011 funding includes \$12.725M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$4.552M requested for Overseas Contingency Operations supplemental funding. This item is procured through the Army Single Manager for Conventional Ammunition.

- 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. This item is procured through the Army Single Manager for Conventional Ammunition.

PEs associated with this P-1 line are 0207580F, 0207599F and 0208030F.

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
CARTRIDGES (5.56 FRANG - AA40) (See enclosed P-40A)	P40A, P5A				0.000			2.461			6.100			10.000			0.000			10.000
CARTRIDGES (ITEMS LESS THAN \$5 MILLION) (See enclosed P-40A)	P40A				0.000			65.847			62.261			75.069			7.214			82.283
CARTRIDGES (20MM PGU-28A/B SEMI-AP-HEI - AA22)	P5, P5A		-	-	-	-	-	11.526	-	-	5.840	-	-	12.257	-	-	1.225	-	-	13.482
CARTRIDGES (20 MM TP PGU-27A/B - AA24)	P5, P5A		-	0	0.000	-	-	5.146	-	-	4.779	-	-	10.275	-	-	0.000	-	-	10.275
CARTRIDGES (30MM HEI PGU-13/B B104)	P5, P5A		-	0	0.000	-	-	51.856	-	-	12.252	-	-	4.642	-	-	5.153	-	-	9.795
CARTRIDGES (30 MM TP PGU-15/B - B116)	P5, P5A		-	0	0.000	-	-	34.393	-	-	6.553	-	-	5.832	-	-	0.000	-	-	5.832
Total Gross/Weapon System Cost					0.000			171.229			97.785			118.075			13.592			131.667

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

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

FY2013 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

Items requested in FY2013 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12 **P-1 Line Item Nomenclature:** 2 - CARTRIDGES (OVERVIEW) **Aggregated Item Name:** CARTRIDGES (5.56 FRANG - AA40)

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
SUBTOTAL RECURRING HARDWARE COST																			
† 5.56 MM FRANG (AA40)	A	-	-	0.000	0.38	6,476,316	2.461	0.44	13,863,636	6.100	0.43	23,255,814	10.000	-	-	0.000	0.43	23,255,814	10.000
<i>Subtotal SUBTOTAL RECURRING HARDWARE COST</i>				<i>0.000</i>			<i>2.461</i>			<i>6.100</i>			<i>10.000</i>			<i>0.000</i>			<i>10.000</i>
Total				0.000			2.461			6.100			10.000			0.000			10.000

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12	P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)	Aggregated Item Name: CARTRIDGES (5.56 FRANG - AA40)
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Items <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
SUBTOTAL RECURRING HARDWARE COST												
5.56 MM FRANG (AA40)		2010	WINCHESTER / EAST ALTON, IL	MIPR	AFMC/OO-ALC	Mar 2010	Sep 2011	21,239,534	0.43	Y		
5.56 MM FRANG (AA40)		2011	FEDERAL / ANOKA, MN	MIPR	AFMC/OO-ALC	Sep 2011	Sep 2012	6,476,316	0.38	Y		
5.56 MM FRANG (AA40)		2012	FEDERAL / ANOKA, MN	MIPR	AFMC/OO-ALC	Mar 2012	Sep 2013	13,863,636	0.44	Y		
5.56 MM FRANG (AA40)		2013	FEDERAL / ANOKA, MN	MIPR	AFMC/OO-ALC	Mar 2013	Sep 2014	23,255,814	0.43	Y		

Remarks:

The footnote below applies to the following items: 5.56 MM FRANG (AA40):
Contract has an FY2006 base year with 4 option years.

The footnote below applies to the following items: 5.56 MM FRANG (AA40):
FY2011 procurement is a competitive contract with at least 4 option years.

The footnote below applies to the following items: 5.56 MM FRANG (AA40):
FY2012 procurement will be an option off the FY2011 basic contract which has at least 4 option years.

The footnote below applies to the following items: 5.56 MM FRANG (AA40):
FY2013 procurement will be an option off the FY2011 basic contract which has at least 4 option years.

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

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 12

P-1 Line Item Nomenclature:
2 - CARTRIDGES (OVERVIEW)

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

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
(A011) CTG, 12 GAUGE NO.00 BUCKSHOT	A	-	-	0.000	0.46	256,522	0.118	0.62	64,516	0.040	-	-	0.000	-	-	0.000	-	-	0.000
(A014) CTG, 12 GA SHOTGUN, 7-1/2 PLASTIC	A	-	-	0.000	-	-	0.026	-	-	0.000	0.43	23,256	0.010	-	-	0.000	0.43	23,256	0.010
(A017) CTG, 12 GA SHOTGUN, 9 SHOT	A	-	-	0.000	0.33	60,606	0.020	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(A059) 5.56MM BALL M855	A	-	-	0.000	-	-	0.000	-	-	0.000	0.42	9,523,810	4.000	-	-	0.000	0.42	9,523,810	4.000
(A062) CTG, 5.56MM BALL M855 LINKED	A	-	-	0.000	0.41	3,602,439	1.477	0.47	10,425,532	4.900	0.48	4,166,667	2.000	-	-	0.000	0.48	4,166,667	2.000
(A075) CTG, 5.56MM BLANK SAW LINKED	A	-	-	0.000	-	-	0.000	-	-	0.000	0.46	978,261	0.450	-	-	0.000	0.46	978,261	0.450
(A080) CTG, 5.56MM BLANK M200	A	-	-	0.000	-	-	0.000	-	-	0.000	0.33	1,515,152	0.500	-	-	0.000	0.33	1,515,152	0.500
(A091) CTG, .22 CAL LONG RIFLE	A	-	-	0.000	0.28	442,857	0.124	0.38	526,316	0.200	0.34	1,176,471	0.400	-	-	0.000	0.34	1,176,471	0.400
(A111) CTG, 7.62MM BLANK M82 LINKED	A	-	-	0.000	-	-	0.000	0.73	684,932	0.500	0.73	1,369,863	1.000	-	-	0.000	0.73	1,369,863	1.000
(A112) CTG, 7.62MM SINGLE ROUND BLANK	A	-	-	0.000	-	-	0.000	-	-	0.000	0.63	111,111	0.070	-	-	0.000	0.63	111,111	0.070
(A131) CTG, 7.62MM BALL 4-1 LINKED	A	-	-	0.000	-	-	0.000	0.95	6,316	0.006	1.02	4,411,765	4.500	-	-	0.000	1.02	4,411,765	4.500
(A143) CTG, 7.62MM BALL LINKED M80	A	-	-	0.000	0.78	8,683,333	6.773	0.93	3,440,860	3.200	0.95	9,473,684	9.000	-	-	0.000	0.95	9,473,684	9.000
(A257) CTG, 7.62MM 9-1 DIM TRACER	A	-	-	0.000	0.87	579,310	0.504	0.96	403,125	0.387	0.97	309,278	0.300	0.97	177,320	0.172	0.97	486,598	0.472
(A358) 9MM SUBCAL AT4 TRACER	A	-	-	0.000	-	-	0.000	-	-	0.000	0.67	44,776	0.030	-	-	0.000	0.67	44,776	0.030
(A363) 9MM BALL NATO XM882 PISTOL	A	-	-	0.000	-	-	0.000	-	-	0.000	0.21	4,761,905	1.000	-	-	0.000	0.21	4,761,905	1.000
(A403) CTG, .38 CAL SP BLANK	A	-	-	0.000	-	-	0.000	0.49	102,040	0.050	0.51	49,020	0.025	-	-	0.000	0.51	49,020	0.025

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 12

P-1 Line Item Nomenclature:
2 - CARTRIDGES (OVERVIEW)

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

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
(A404) CTG, .38 CAL SP BALL WADCUTTER	A	-	-	0.000	-	-	0.000	-	-	0.000	0.31	32,258	0.010	-	-	0.000	0.31	32,258	0.010
(A555) CTG, CAL .50 BALL M2 LINKED	A	-	-	0.000	2.40	270,833	0.650	2.88	705,902	2.033	2.98	671,141	2.000	-	-	0.000	2.98	671,141	2.000
(A557) CTG, CAL .50 BALL/ TRACER/LINKED M2/M9	A	-	-	0.000	2.69	841,636	2.264	3.00	1,454,666	4.364	3.11	643,087	2.000	-	-	0.000	3.11	643,087	2.000
(A598) CTG CAL.50 BLNK CRMPD W/M9 LNK	A	-	-	0.000	2.23	66,368	0.148	2.13	46,948	0.100	2.20	45,455	0.100	-	-	0.000	2.20	45,455	0.100
(A606) CTG, CAL.50 API MK211 MOD 0	A	-	-	0.000	-	-	0.000	13.70	730	0.010	14.18	705	0.010	-	-	0.000	14.18	705	0.010
(A482) CTG CAL .45 BALL WADCUTTER	A	-	-	0.000	0.41	363,415	0.149	0.50	300,000	0.150	0.45	333,333	0.150	-	-	0.000	0.45	333,333	0.150
(A483) CTG CAL .45 BALL M1911 MTCHGRD	A	-	-	0.000	0.51	407,843	0.208	0.62	298,387	0.185	0.55	272,727	0.150	-	-	0.000	0.55	272,727	0.150
(A978) CTG, 25MM, TP, PGU-23/U	A	-	-	0.000	-	-	0.000	27.45	155,883	4.279	27.71	250,595	6.944	-	-	0.000	27.71	250,595	6.944
(AA01) CTG 5.56MM AP M995 LKD	A	-	-	0.000	1.71	57,310	0.098	1.65	60,606	0.100	1.67	29,940	0.050	-	-	0.000	1.67	29,940	0.050
(AA02) CTG 5.56MM AP/TR M995/M856 4-1	A	-	-	0.000	1.71	144,444	0.247	1.89	529,101	1.000	3.16	189,873	0.600	-	-	0.000	3.16	189,873	0.600
(AA03) CTG. 7.62 M993 AP	A	-	-	0.000	2.56	19,531	0.050	-	-	0.000	2.82	28,369	0.080	-	-	0.000	2.82	28,369	0.080
(AA04) CTG. 7.62 M993/M62 4 AP/1 TRA	A	-	-	0.000	-	-	0.000	2.25	32,000	0.072	2.61	19,157	0.050	2.45	5,306	0.013	2.58	24,463	0.063
(AA11) CTG. 7.62 NATO M118 SPEC BALL	A	-	-	0.000	-	-	0.000	1.12	1,785	0.002	1.18	84,746	0.100	-	-	0.000	1.18	84,746	0.100
(AA16) 9 MILLIME CARTRIDGE FRANG	A	-	-	0.000	0.28	5,275,000	1.477	0.31	9,677,419	3.000	0.28	7,067,138	2.000	-	-	0.000	0.28	7,067,138	2.000
(AA50) .50 CAL DIM TRACER	A	-	-	0.000	-	-	0.000	10.84	74,446	0.807	11.23	823,687	9.250	11.23	132,146	1.484	11.23	955,833	10.734

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 12

P-1 Line Item Nomenclature:
2 - CARTRIDGES (OVERVIEW)

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

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(AA51) CTG 12GA N-LETH PT-CONT M1012	A	-	-	0.000	3.99	481,704	1.922	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(AA52) CTG 12GA N-LETHAL CROWD M1013	A	-	-	0.000	4.01	282,294	1.132	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(AB09) 5.56 BLUE MARKING CARTRIDGE	A	-	-	0.000	0.66	6,259,091	4.131	0.67	7,313,433	4.900	0.68	7,205,882	4.900	-	-	0.000	0.68	7,205,882	4.900
(AB10) 5.56 RED MARKING CARTRIDGES	A	-	-	0.000	0.66	6,631,818	4.377	0.67	7,313,433	4.900	0.68	7,205,882	4.900	-	-	0.000	0.68	7,205,882	4.900
(AB13) 9MM BLUE MARKING CARTRIDGE	A	-	-	0.000	0.57	3,152,632	1.797	0.59	3,389,830	2.000	0.60	2,000,000	1.200	-	-	0.000	0.60	2,000,000	1.200
(AB14) 9M RED MARKING CARTRIDGE	A	-	-	0.000	0.57	3,987,719	2.273	0.59	2,979,661	1.758	0.60	2,000,000	1.200	-	-	0.000	0.60	2,000,000	1.200
(AB16) 5.56 BLUE LINKED MARKING CART	A	-	-	0.000	0.79	2,327,848	1.839	0.80	3,125,000	2.500	0.81	2,469,136	2.000	-	-	0.000	0.81	2,469,136	2.000
(AB17) 5.56 RED LINKED MARKING CART	A	-	-	0.000	0.79	2,327,848	1.839	0.80	3,125,000	2.500	0.81	2,469,136	2.000	-	-	0.000	0.81	2,469,136	2.000
(AY04) CTG. BIRDSCARE, 12 GAGE,PGU-26P	A	-	-	0.000	1.03	60,194	0.062	-	-	0.000	1.05	23,719	0.025	-	-	0.000	1.05	23,719	0.025
(B519) CARTRIDGE, 40MM PRACTICE M781	A	-	-	0.000	3.79	1,039,050	3.938	5.89	203,735	1.200	6.06	49,505	0.300	-	-	0.000	6.06	49,505	0.300
(BA06) CARTRIDGE,40MM,SPONGE	A	-	-	0.000	7.50	320,133	2.401	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(BA13) 40 MM CARTRIDGE, CROWD DISPERS	A	-	-	0.000	17.53	149,743	2.625	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(BA21) 40 MM MK281 MD 0 Day/ Night Mk 19	A	-	-	0.000	27.79	144,081	4.004	28.08	188,746	5.300	28.38	35,240	1.000	-	-	0.000	28.38	35,240	1.000
(K765) RIOT CNTRL CAPSULE CS	A	-	-	0.000	0.33	30,303	0.010	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(3W37) CHAFF, RR-188	A	-	-	0.000	3.43	283,090	0.971	3.46	144,508	0.500	3.51	427,716	1.500	-	-	0.000	3.51	427,716	1.500

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 12

P-1 Line Item Nomenclature:
2 - CARTRIDGES (OVERVIEW)

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

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(AB20) CTG, 30MM PGU-14 REMAN	A	-	-	0.000	22.95	303,268	6.960	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(AB22) CTG, 30MM PGU-13 REMAN	A	-	-	0.000	20.94	2,627	0.055	20.94	116,761	2.445	21.93	262,198	5.750	21.93	232,330	5.095	21.93	494,528	10.845
(M189) CTG IMPULSE ARD 863-1	A	-	-	0.000	6.56	61,738	0.405	44.80	5,580	0.250	-	-	0.000	6.70	896	0.006	6.70	896	0.006
(M190) CTG IMP MK2 MOD1	A	-	-	0.000	101.81	442	0.045	-	-	0.000	-	-	0.000	103.26	184	0.019	103.26	184	0.019
(M943) CTG, IMPULSE MK107 MOD 1	A	-	-	0.000	105.20	2,481	0.261	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(MG11) CTG,IMPULSE,BBU-36/B	A	-	-	0.000	1.08	748,148	0.808	1.64	518,902	0.851	-	-	0.000	1.66	35,542	0.059	1.66	35,542	0.059
(MG62) CTG, IMPULSE BBU-35/B	A	-	-	0.000	1.23	948,780	1.167	1.80	128,333	0.231	-	-	0.000	2.35	118,723	0.279	2.35	118,723	0.279
(MT40) SQUIB, ELECTRIC BBU-46 A/B	A	-	-	0.000	95.49	2,419	0.231	35.57	51,025	1.815	-	-	0.000	97.56	164	0.016	97.56	164	0.016
(NY02) CTG, CHAFF, RR-196(T-1)AL	A	-	-	0.000	31.61	49,668	1.570	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(SS27) CTG, IMPLUSE, BBU-48/B	A	-	-	0.000	8.05	390,807	3.146	8.71	369,919	3.222	8.81	85,102	0.750	8.81	1,816	0.016	8.81	86,918	0.766
(SS44) CTG, IMPULSE, BBU-63/B	A	-	-	0.000	507.87	1,016	0.516	602.05	975	0.587	518.13	2,895	1.500	-	-	0.000	518.13	2,895	1.500
(SY16) CHAFF CTG RR-180	A	-	-	0.000	10.94	31,444	0.344	8.65	57,803	0.500	-	-	0.000	11.16	986	0.011	11.16	986	0.011
(WB33) CTG, IMP ARD 446-1B	A	-	-	0.000	6.63	24,133	0.160	35.64	7,772	0.277	-	-	0.000	6.76	3,550	0.024	6.76	3,550	0.024
(WD01) CARTRIDGE, IMPULSE BBU-59/B	A	-	-	0.000	84.44	17,421	1.471	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
MED CAL Program	A	-	-	0.000	-	-	0.994	-	-	1.000	-	-	1.000	-	-	0.000	-	-	1.000
AF Shooting Team (AFST)	A	-	-	0.000	-	-	0.060	-	-	0.140	-	-	0.140	-	-	0.000	-	-	0.140

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12					P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)									Aggregated Item Name: CARTRIDGES (ITEMS LESS THAN \$5 MILLION)					

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(A165) CARTRIDGE 7.62MM M80, 4-1	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	0.93	21,505	0.020	0.93	21,505	0.020
(A552) CTG, .50 CAL BALL SINGLE ROUND, M33	A	-	-	0.000	-	-	0.000	-	-	0.000	2.78	44,964	0.125	-	-	0.000	2.78	44,964	0.125
<i>Subtotal Uncategorized</i>				0.000			65.847			62.261			75.069			7.214			82.283
Total				0.000			65.847			62.261			75.069			7.214			82.283

Remarks:

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12	P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): CARTRIDGES (20MM PGU-28A/B SEMI-AP-HEI - AA22)

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	11.526	5.840	12.257	1.225	13.482
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	11.526	5.840	12.257	1.225	13.482
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	11.526	5.840	12.257	1.225	13.482

(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)	-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† 20 MM PGU-28A/B SEMI-AP-HEI - AA22	A	-	-	0.000	19.09	580,425	11.081	54.96	97,990	5.386	24.11	492,079	11.864	24.11	50,817	1.225	24.11	542,896	13.089
Total Recurring Cost				0.000			11.081			5.386			11.864			1.225			13.089
Non Recurring Cost																			
FIRST ARTICLE TESTING	A	-	-	0.000	-	-	0.434	-	-	0.448	-	-	0.378	-	-	0.000	-	-	0.378
PC&H	A	-	-	0.000	-	-	0.005	-	-	0.000	-	-	0.004	-	-	0.000	-	-	0.004
Total Non Recurring Cost				0.000			0.439			0.448			0.382			0.000			0.382
Total Hardware Cost				0.000			11.520			5.834			12.246			1.225			13.471
Support Cost																			
QUALITY ASSURANCE		-	-	0.000	-	-	0.006	-	-	0.006	-	-	0.011	-	-	0.000	-	-	0.011
ACCEPTANCE TESTING		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Support Cost				0.000			0.006			0.006			0.011			0.000			0.011
Gross Weapon System Cost				-			11.526			5.840			12.257			1.225			13.482

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Exhibit P-5, Cost Analysis: PB 2013 Air Force													Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12							P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)						Item Nomenclature (Item Number, Item Name, DODIC): CARTRIDGES (20MM PGU-28A/B SEMI-AP-HEI - AA22)					

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
20 MM PGU-28A/B SEMI-AP-HEI - AA22	A	-	-	0.000	19.09	580,425	11.081	54.96	97,990	5.386	24.11	492,079	11.864	24.11	50,817	1.225	24.11	542,896	13.089
LOAD, ASSEMBLE, PACK		-	-	0.000	19.00	577,939	10.981	55.00	97,575	5.367	24.01	489,963	11.764	24.01	50,604	1.215	24.01	540,567	12.979
PALLET MK3-0		-	-	0.000	193.00	116	0.022	209.00	19	0.004	212.12	99	0.021	222.22	9	0.002	212.96	108	0.023
BOX, METAL M548		-	-	0.000	33.00	2,370	0.078	38.13	396	0.015	39.17	2,017	0.079	39.22	204	0.008	39.17	2,221	0.087

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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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12	P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)	Item Nomenclature: CARTRIDGES (20MM PGU-28A/B SEMI-AP-HEI - AA22)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
20 MM PGU-28A/B SEMI-AP-HEI - AA22		2009	GDO-TS/ALLIANT TECH SYS / MARION, IL/MESA, AZ	MIPR	AFMC/OO-ALC	Mar 2009	Mar 2010	853,181	20.60	Y		
20 MM PGU-28A/B SEMI-AP-HEI - AA22		2010	GDO-TS/ALLIANT TECH SYS / MARION, IL/MESA, AZ	MIPR	AFMC/OO-ALC	Mar 2010	Mar 2011	239,631	28.88	Y		
20 MM PGU-28A/B SEMI-AP-HEI - AA22		2011	GDO-TS/ALLIANT TECH SYS / MARION, IL/MESA, AZ	MIPR	AFMC/OO-ALC	Mar 2011	Mar 2012	580,425	19.17	Y		
20 MM PGU-28A/B SEMI-AP-HEI - AA22		2012	GDO-TS/ALLIANT TECH SYS / MARION, IL/MESA, AZ	MIPR	AFMC/OO-ALC	Mar 2012	Mar 2013	97,990	55.20	Y		
20 MM PGU-28A/B SEMI-AP-HEI - AA22		2013	GDO-TS/ALLIANT TECH SYS / MARION, IL/MESA, AZ	MIPR	AFMC/OO-ALC	Mar 2013	Mar 2014	492,079	24.21	Y		
20 MM PGU-28A/B SEMI-AP-HEI - AA22	✓	2013	GDO-TS/ALLIANT TECH SYS / MARION, IL/MESA, AZ	MIPR	AFMC/OO-ALC	Mar 2013	Mar 2014	50,817	24.21	Y		

Remarks:
 The footnote below applies to the following items: 20 MM PGU-28A/B SEMI-AP-HEI - AA22:
 FY2010 procurement is an option of the FY2008 Basic contract with at least 4 option years.
 The footnote below applies to the following items: 20 MM PGU-28A/B SEMI-AP-HEI - AA22:
 FY2011 procurement is an option of the FY2008 Basic contract with at least 4 option years.
 The footnote below applies to the following items: 20 MM PGU-28A/B SEMI-AP-HEI - AA22:
 FY2012 procurement will be the final option of the FY2008 Basic.
 The footnote below applies to the following items: 20 MM PGU-28A/B SEMI-AP-HEI - AA22:
 FY2009 procurement is an option of the FY2008 Basic contract.
 The footnote below applies to the following items: 20 MM PGU-28A/B SEMI-AP-HEI - AA22:
 FY2013 procurement will be a new competitive contract.
 Each ordering year, contract options may be split between the following vendors:
 General Dynamics Ordnance-Tech systems, Inc (GDO-TS), Marion, IL and
 Alliant Techsystems Inc (ATK), Mesa, AZ.
 Contract or Contract Option award is always based on the past performance of the vendors.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12	P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): CARTRIDGES (20 MM TP PGU-27A/B - AA24)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		0	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		0.000	5.146	4.779	10.275	0.000	10.275
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		0.000	5.146	4.779	10.275	0.000	10.275
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		0.000	5.146	4.779	10.275	0.000	10.275

(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)	-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† 20MM TP PGU-27A/B - AA24	A	-	-	0.000	9.90	503,186	4.984	14.34	327,157	4.692	11.16	904,197	10.094	-	-	0.000	11.16	904,197	10.094
FIRST ARTICLE TEST	A	-	-	0.000	-	-	0.153	-	-	0.084	-	-	0.165	-	-	0.000	-	-	0.165
MK3 TESTING	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.003	-	-	0.000	-	-	0.003
<i>Total Recurring Cost</i>				<i>0.000</i>			<i>5.137</i>			<i>4.776</i>			<i>10.262</i>			<i>0.000</i>			<i>10.262</i>
<i>Total Hardware Cost</i>				<i>0.000</i>			<i>5.137</i>			<i>4.776</i>			<i>10.262</i>			<i>0.000</i>			<i>10.262</i>
Support Cost																			
QUALITY ASSURANCE		-	-	0.000	-	-	0.004	-	-	0.001	-	-	0.005	-	-	0.000	-	-	0.005
ACCEPTANCE TESTING		-	-	0.000	-	-	0.003	-	-	0.002	-	-	0.005	-	-	0.000	-	-	0.005
PACKAGING, CRATING, HANDLING (PC&H)		-	-	0.000	-	-	0.002	-	-	0.000	-	-	0.003	-	-	0.000	-	-	0.003
<i>Total Support Cost</i>				<i>0.000</i>			<i>0.009</i>			<i>0.003</i>			<i>0.013</i>			<i>0.000</i>			<i>0.013</i>
Gross Weapon System Cost				0.000			5.146			4.779			10.275			0.000			10.275

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Exhibit P-5, Cost Analysis: PB 2013 Air Force													Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12							P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)						Item Nomenclature (Item Number, Item Name, DODIC): CARTRIDGES (20 MM TP PGU-27A/B - AA24)					

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
20MM TP PGU-27A/B - AA24	A	-	-	0.000	9.90	503,186	4.984	14.34	327,157	4.692	11.16	904,197	10.094	-	-	0.000	11.16	904,197	10.094
LOAD, ASSEMBLE, PACK		-	-	0.000	9.73	503,186	4.896	14.14	327,157	4.626	10.96	904,197	9.910	-	-	0.000	10.96	904,197	9.910
BOX METAL M548		-	-	0.000	33.14	2,052	0.068	38.69	1,344	0.052	39.17	3,702	0.145	-	-	0.000	39.17	3,702	0.145
PALLET MK3-0		-	-	0.000	196.08	102	0.020	212.12	66	0.014	213.11	183	0.039	-	-	0.000	213.11	183	0.039

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

Load, Assemble and Pack (LAP) costs are applicable to production and build-up of the round.
 Packaging, Crating and Handling (PC&H) cost is associated with transferring the completed round from production to the first destination.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12	P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)	Item Nomenclature: CARTRIDGES (20 MM TP PGU-27A/B - AA24)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
20MM TP PGU-27A/B - AA24		2011	ARMY / MARION, IL / MESA, AZ	MIPR	AFMC/OO-ALC	Sep 2011	Jun 2012	503,186	9.90	Y		
20MM TP PGU-27A/B - AA24		2012	ARMY / MARION, IL / MESA, AZ	MIPR	AFMC/OO-ALC	Mar 2012	Mar 2013	327,157	14.34	Y		
20MM TP PGU-27A/B - AA24		2013	ARMY / UNKNOWN	MIPR	AFMC/OO-ALC	Mar 2013	Mar 2014	904,197	11.16	Y		

Remarks:
 The Single Manager for Conventional Ammunition (SMCA) is responsible to purchase 20MM assets for the AF and other DoD Services. The SMCA establishes competitive, multiple-year type contracts to accommodate the orders of the Services. Each year, AF orders are placed on options or delivery orders of existing contracts.
 The 20MM rounds are loaded, assembled and packed (LAP) by the following two primary contractors:
 General Dynamics Ordnance - Tactical Services (GD-OTS), Marion, IL
 Alliant Techsystems Inc (ATK), Mesa, AZ.
 LAP contracts are generally split based on the competitive environment present between the contractors and past performance of each.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12	P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): CARTRIDGES (30MM HEI PGU-13/B B104)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		0	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		0.000	51.856	12.252	4.642	5.153	9.795
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		0.000	51.856	12.252	4.642	5.153	9.795
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		0.000	51.856	12.252	4.642	5.153	9.795

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† 30MM HEI PGU-13/B - B104	A	-	-	0.000	55.14	931,044	51.340	56.04	209,479	11.739	57.18	72,232	4.130	56.99	90,425	5.153	57.07	162,657	9.283
Total Recurring Cost				0.000			51.340			11.739			4.130			5.153			9.283
Non Recurring Cost																			
FIRST ARTICLE TESTING	A	-	-	0.000	-	-	0.474	-	-	0.500	-	-	0.500	-	-	0.000	-	-	0.500
Total Non Recurring Cost				0.000			0.474			0.500			0.500			0.000			0.500
Total Hardware Cost				0.000			51.814			12.239			4.630			5.153			9.783
Support Cost																			
ACCEPTANCE TESTING		-	-	0.000	-	-	0.025	-	-	0.007	-	-	0.004	-	-	0.000	-	-	0.004
QUALITY ASSURANCE		-	-	0.000	-	-	0.017	-	-	0.006	-	-	0.008	-	-	0.000	-	-	0.008
Total Support Cost				0.000			0.042			0.013			0.012			0.000			0.012
Gross Weapon System Cost				0.000			51.856			12.252			4.642			5.153			9.795

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
30MM HEI PGU-13/B - B104	A	-	-	0.000	55.14	931,044	51.340	56.04	209,479	11.739	57.18	72,232	4.130	56.99	90,425	5.153	57.07	162,657	9.283

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Exhibit P-5, Cost Analysis: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12							P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)							Item Nomenclature (Item Number, Item Name, DODIC): CARTRIDGES (30MM HEI PGU-13/B B104)					

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
LOAD, ASSEMBLE, PACK (LAP)		-	-	0.000	51.00	931,044	47.483	50.34	209,479	10.545	51.39	72,232	3.712	51.49	90,425	4.656	51.45	162,657	8.368
TUBE AND STRAP ASSEMBLY F/30MM		-	-	0.000	401.91	1,677	0.674	405.84	377	0.153	453.85	130	0.059	407.41	162	0.066	428.08	292	0.125
CONTAINER GNU-332		-	-	0.000	1,898.03	1,677	3.183	2,761.27	377	1.041	2,761.54	130	0.359	2,644.17	163	0.431	2,696.25	293	0.790

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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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12	P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)	Item Nomenclature: CARTRIDGES (30MM HEI PGU-13/B B104)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
30MM HEI PGU-13/B - B104		2010	GDO-TS / ALLIANT TECH / MULTIPLE	MIPR	AFMC/OO-ALC	Apr 2011	Mar 2012	560,047	55.75	Y		
30MM HEI PGU-13/B - B104		2011	GDO-TS / ALLIANT TECH / MULTIPLE	MIPR	AFMC/OO-ALC	Jan 2012	Mar 2012	931,044	55.14	Y		
30MM HEI PGU-13/B - B104		2012	UNKNOWN / UNKNOWN	MIPR	AFMC/OO-ALC	Mar 2012	Mar 2013	209,479	56.04	Y		
30MM HEI PGU-13/B - B104		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/OO-ALC	Mar 2013	Mar 2014	72,232	57.17	Y		
30MM HEI PGU-13/B - B104	✓	2013	UNKNOWN / UNKNOWN	MIPR	AFMC/OO-ALC	Mar 2013	Mar 2014	90,425	56.78	Y		

Remarks:

The footnote below applies to the following items: 30MM HEI PGU-13/B - B104:
 FY2010 procurement was placed on an existing basic contract administered by the Single Manager for Conventional Ammunition (SMCA/Army).
 The footnote below applies to the following items: 30MM HEI PGU-13/B - B104:
 FY2011 procurement will be executed on a new basic contract with at least 4 option years.
 The footnote below applies to the following items: 30MM HEI PGU-13/B - B104:
 FY2012 procurement will be an option of an existing basic contract.
 The footnote below applies to the following items: 30MM HEI PGU-13/B - B104:
 FY2013 procurement will be an option of an existing basic contract.
 The footnote below applies to the following items: 30MM HEI PGU-13/B - B104:
 FY2013 OCO will be placed on the same order as the FY2013 base.
 Contracts are generally split between GDO-TS and Alliant Tech based on the competitive environment among the qualified sources at the time.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12	P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): CARTRIDGES (30 MM TP PGU-15/B - B116)

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	0	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	34.393	6.553	5.832	0.000	5.832
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	34.393	6.553	5.832	0.000	5.832
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	34.393	6.553	5.832	0.000	5.832

(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)	-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† 30 MM TP PGU-15/B - B116	A	-	-	0.000	17.09	1,988,675	33.981	18.22	331,355	6.037	32.75	162,063	5.307	-	-	0.000	32.75	162,063	5.307
Total Recurring Cost				0.000			33.981			6.037			5.307			0.000			5.307
Non Recurring Cost																			
FIRST ARTICLE TEST	A	-	-	0.000	-	-	0.300	-	-	0.500	-	-	0.500	-	-	0.000	-	-	0.500
Total Non Recurring Cost				0.000			0.300			0.500			0.500			0.000			0.500
Total Hardware Cost				0.000			34.281			6.537			5.807			0.000			5.807
Support Cost																			
QUALITY ASSURANCE		-	-	0.000	-	-	0.012	-	-	0.013	-	-	0.012	-	-	0.000	-	-	0.012
ACCEPTANCE TESTING		-	-	0.000	-	-	0.100	-	-	0.003	-	-	0.013	-	-	0.000	-	-	0.013
Total Support Cost				0.000			0.112			0.016			0.025			0.000			0.025
Gross Weapon System Cost				0.000			34.393			6.553			5.832			0.000			5.832

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
30 MM TP PGU-15/B - B116	A	-	-	0.000	17.09	1,988,675	33.981	18.22	331,355	6.037	32.75	162,063	5.307	-	-	0.000	32.75	162,063	5.307

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Exhibit P-5, Cost Analysis: PB 2013 Air Force													Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12							P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)						Item Nomenclature (Item Number, Item Name, DODIC): CARTRIDGES (30 MM TP PGU-15/B - B116)					

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
LOAD,ASSEMBLE,PACK		-	-	0.000	16.00	1,988,675	31.819	17.16	331,355	5.686	31.50	162,063	5.105	-	-	0.000	31.50	162,063	5.105
TUBE AND STRAP ASSEMBLY		-	-	0.000	386.00	3,580	1.382	406.04	596	0.242	451.72	290	0.131	-	-	0.000	451.72	290	0.131
CONTAINER GNU-332E		-	-	0.000	218.00	3,580	0.780	182.89	596	0.109	242.32	293	0.071	-	-	0.000	242.32	293	0.071

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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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 12				P-1 Line Item Nomenclature: 2 - CARTRIDGES (OVERVIEW)				Item Nomenclature: CARTRIDGES (30 MM TP PGU-15/B - B116)				
Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
30 MM TP PGU-15/B - B116		2011	GDO-TS / ALLIANT TECH / MARION, IL / ANOKA, MN	MIPR	AFMC/OO-ALC	Sep 2011	Sep 2012	1,988,675	17.09	Y		
30 MM TP PGU-15/B - B116		2012	GDO-TS / ALLIANT TECH / MARION, IL / ANOKA, MN	MIPR	AFMC/OO-ALC	Mar 2012	Mar 2013	331,355	18.22	Y		
30 MM TP PGU-15/B - B116		2013	GDO-TS / ALLIANT TECH / MARION, IL / ANOKA, MN	MIPR	AFMC/OO-ALC	Mar 2013	Mar 2014	162,063	32.75	Y		
<p>Remarks: The footnote below applies to the following items: 30 MM TP PGU-15/B - B116: Contract has an FY07 base year with 4 option years. Each year when the options are exercised, contracts will be awarded/split between GD-OTS and ATK based on past performance. The footnote below applies to the following items: 30 MM TP PGU-15/B - B116: FY2012 procurement will be a new Basic contract with at least 4 option years. The footnote below applies to the following items: 30 MM TP PGU-15/B - B116: FY2013 procurement will be an option off the FY2012 Basic. Each ordering year contract or contract options may be split between the following vendors: GDO-TS and ALLIANT TECH. Contract decisions are based on the past performance of ventors.</p>												

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 13 : Bombs

P-1 Line Item Nomenclature:
3 - PRACTICE BOMBS (OVERVIEW)

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	23.313	33.876	32.393	0.000	32.393	30.840	38.867	28.472	28.921	-	216.682
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	23.313	33.876	32.393	0.000	32.393	30.840	38.867	28.472	28.921	-	216.682
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	23.313	33.876	32.393	0.000	32.393	30.840	38.867	28.472	28.921	-	216.682

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

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

Description:

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

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

- 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 Army Single Manager for Conventional Ammunition (SMCA).

- 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 Army Single Manager for Conventional Ammunition (SMCA). This line was reduced by \$4.880M in FY2012 for "unjustified cost growth."

- 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 Army Single Manager for Conventional Ammunition (SMCA).

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

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
PRACTICE BOMBS (ITEMS LESS THAN \$5 MILLION) (See enclosed P-40A)	P40A				0.000			8.862			6.309			6.241			0.000			6.241

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 13 : Bombs

P-1 Line Item Nomenclature:
3 - PRACTICE BOMBS (OVERVIEW)

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
PRACTICE BOMBS (BDU-56A/B CDI - ED12)	P5, P5A		-	-	-	-	-	0.000	-	-	12.959	-	-	5.488	-	-	0.000	-	-	5.488
PRACTICE BOMBS (BDU-50C/B CDI - EB71)	P5, P5A		-	-	-	-	-	8.073	-	-	6.970	-	-	10.250	-	-	0.000	-	-	10.250
PRACTICE BOMBS BLU-109 D-1 (F034)	P5, P5A		-	-	-	-	-	6.378	-	-	7.638	-	-	10.414	-	-	0.000	-	-	10.414
Total Gross/Weapon System Cost								23.313			33.876			32.393			0.000			32.393

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

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.

Items requested in FY2013 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 13

P-1 Line Item Nomenclature:
3 - PRACTICE BOMBS (OVERVIEW)

Aggregated Item Name:
PRACTICE BOMBS (ITEMS LESS THAN \$5 MILLION)

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
CASE ASSY BOMB BLU-109 EMPTY (CY47)	A	-	-	0.000	19,533.33	15	0.293	16,466.67	15	0.247	-	-	0.000	-	-	0.000	-	-	0.000
BDU-33 PRACTICE BOMB, (E969)	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
BOMB INERT BLU-113/A D-1 (E989)	A	-	-	0.000	9,007.25	276	2.486	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
BOMB GP MK-83 INERT FILLED (EC37)	A	-	-	0.000	3,667.90	271	0.994	3,560.55	289	1.029	-	-	0.000	-	-	0.000	-	-	0.000
BOMB PRACTICE 1000LB BDU-61/B CDI (EC65)	A	-	-	0.000	3,340.09	444	1.483	3,405.23	306	1.042	-	-	0.000	-	-	0.000	-	-	0.000
BOMB GP MK-82-0,1 INERT (F243)	A	-	-	0.000	-	-	0.000	1,055.93	1,484	1.567	1,053.57	168	0.177	-	-	0.000	1,053.57	168	0.177
BOMB GP 1000LB MK-83 EMPTY (F254)	A	-	-	0.000	-	-	0.000	1,834.71	242	0.444	-	-	0.000	-	-	0.000	-	-	0.000
BOMB GP 1000LB MK83-0 INERT (F256)	A	-	-	0.000	-	-	0.000	-	-	0.000	256.02	3,906	1.000	-	-	0.000	256.02	3,906	1.000
BOMB MK-84 INERT (F262)	A	-	-	0.000	4,471.59	176	0.787	5,380.43	368	1.980	5,888.37	860	5.064	-	-	0.000	5,888.37	860	5.064
BOMB, BLU-122 (D-1)/B (EC59)	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
BLU-113A/B EMPTY CASE (MY38)	A	-	-	0.000	117,458.33	24	2.819	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
<i>Subtotal Uncategorized</i>				0.000			8.862			6.309			6.241			0.000			6.241
Total				0.000			8.862			6.309			6.241			0.000			6.241

Remarks:

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 3 - PRACTICE BOMBS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): PRACTICE BOMBS (BDU-56A/B CDI - ED12)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	0.000	12.959	5.488	0.000	5.488
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	0.000	12.959	5.488	0.000	5.488
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	0.000	12.959	5.488	0.000	5.488

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† BDU-56 A/B PRACTICE BOMB W/ CDI - ED12	A	-	-	0.000	-	-	0.000	7,536.36	1,719	12.955	6,883.98	793	5.459	-	-	0.000	6,883.98	793	5.459
Total Recurring Cost				0.000			0.000			12.955			5.459			0.000			5.459
Total Hardware Cost				0.000			0.000			12.955			5.459			0.000			5.459
Support Cost																			
PRODUCTION ENGINEERING		-	-	0.000	-	-	0.000	2.53	1,719	0.004	-	-	0.000	-	-	0.000	-	-	0.000
QUALITY ASSURANCE		-	-	0.000	-	-	0.000	-	-	0.000	12.61	793	0.010	-	-	0.000	12.61	793	0.010
PC&H		-	-	0.000	-	-	0.000	-	-	0.000	23.96	793	0.019	-	-	0.000	23.96	793	0.019
Total Support Cost				0.000			0.000			0.004			0.029			0.000			0.029
Gross Weapon System Cost				-			0.000			12.959			5.488			0.000			5.488

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BDU-56 A/B PRACTICE BOMB W/CDI - ED12	A	-	-	0.000	-	-	0.000	7,536.36	1,719	12.955	6,883.98	793	5.459	-	-	0.000	6,883.98	793	5.459
LOAD, ASSEMBLE, PACK (LAP)		-	-	0.000	-	-	0.000	6,836.25	1,719	11.752	6,324.09	793	5.015	-	-	0.000	6,324.09	793	5.015

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Exhibit P-5, Cost Analysis: PB 2013 Air Force												Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13						P-1 Line Item Nomenclature: 3 - PRACTICE BOMBS (OVERVIEW)						Item Nomenclature (Item Number, Item Name, DODIC): PRACTICE BOMBS (BDU-56A/B CDI - ED12)					

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
LUG SUSP ACFT ORD MK3-0		-	-	0.000	-	-	0.000	60.35	4,685	0.283	61.84	1,601	0.099	-	-	0.000	61.84	1,601	0.099
PALLET MK79-1		-	-	0.000	-	-	0.000	786.00	1,171	0.920	862.50	400	0.345	-	-	0.000	862.50	400	0.345

Remarks:

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 3 - PRACTICE BOMBS (OVERVIEW)	Item Nomenclature: PRACTICE BOMBS (BDU-56A/B CDI - ED12)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BDU-56 A/B PRACTICE BOMB W/CDI - ED12		2010	Allied Mechanical / Appleton, WI	MIPR	AFMC/OO-ALC	Jun 2011	Dec 2012	2,970	4,590.00	Y		
BDU-56 A/B PRACTICE BOMB W/CDI - ED12		2012	Allied Mechanical / Appleton, WI	MIPR	AFMC/OO-ALC	Mar 2012	Sep 2013	1,719	7,536.16	Y		
BDU-56 A/B PRACTICE BOMB W/CDI - ED12		2013	Allied Mechanical / Appleton, WI	MIPR	AFMC/OO-ALC	Mar 2013	Sep 2014	793	6,883.98	Y		

Remarks:

The footnote below applies to the following items: BDU-56 A/B PRACTICE BOMB W/CDI - ED12:
 FY2010 procurement is considered an option of the FY2009 Basic contract which was awarded in 2010 with two option years, one of which includes FY2010.
 The footnote below applies to the following items: BDU-56 A/B PRACTICE BOMB W/CDI - ED12:
 FY2012 procurement will be an option off the new commercial contract SMCA will establish during FY2011.
 The footnote below applies to the following items: BDU-56 A/B PRACTICE BOMB W/CDI - ED12:
 FY2013 procurement will be an option off the commercial contract SMCA will establish during FY2011.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 3 - PRACTICE BOMBS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): PRACTICE BOMBS (BDU-50C/B CDI - EB71)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	8.073	6.970	10.250	0.000	10.250
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	8.073	6.970	10.250	0.000	10.250
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	8.073	6.970	10.250	0.000	10.250

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† BDU-50C/B CDI - EB71	A	-	-	0.000	2,195.26	3,672	8.061	2,260.63	3,081	6.965	2,270.55	4,513	10.247	-	-	0.000	2,270.55	4,513	10.247
Total Recurring Cost				0.000			8.061			6.965			10.247			0.000			10.247
Total Hardware Cost				0.000			8.061			6.965			10.247			0.000			10.247
Support Cost																			
QUALITY ASSURANCE		-	-	0.000	-	-	0.006	-	-	0.005	-	-	0.001	-	-	0.000	-	-	0.001
PACKAGING, CRATING & HANDLING (PC&H)		-	-	0.000	-	-	0.006	-	-	0.000	-	-	0.002	-	-	0.000	-	-	0.002
Total Support Cost				0.000			0.012			0.005			0.003			0.000			0.003
Gross Weapon System Cost				-			8.073			6.970			10.250			0.000			10.250

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BDU-50C/B CDI - EB71	A	-	-	0.000	2,195.26	3,672	8.061	2,260.63	3,081	6.965	2,270.55	4,513	10.247	-	-	0.000	2,270.55	4,513	10.247
LOAD, ASSEMBLE, PACK (LAP)		-	-	0.000	2,125.54	3,672	7.805	2,161.64	3,081	6.660	2,194.11	4,513	9.902	-	-	0.000	2,194.11	4,513	9.902
PALLET INSPECTION, MHU-149/E		-	-	0.000	136.44	623	0.085	145.87	521	0.076	164.06	768	0.126	-	-	0.000	164.06	768	0.126

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Exhibit P-5, Cost Analysis: PB 2013 Air Force										Date: February 2012									
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13					P-1 Line Item Nomenclature: 3 - PRACTICE BOMBS (OVERVIEW)					Item Nomenclature (Item Number, Item Name, DODIC): PRACTICE BOMBS (BDU-50C/B CDI - EB71)									

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
LUG SUSP ACFT ORD MS3314		-	-	0.000	23.00	7,435	0.171	23.60	6,229	0.147	24.00	9,125	0.219	-	-	0.000	24.00	9,125	0.219
PALLET MHU-149/E		-	-	0.000	-	-	0.000	155.89	526	0.082	-	-	0.000	-	-	0.000	-	-	0.000

Remarks:
 The BDU-50C/B Cast Ductile Iron (CDI) Practice Bomb contains no fill materials, however, the Single Manager for Conventional Ammunition (SMCA) generically terms the process to assemble the various components (bomb body, lugs, fill material, etc), and to "package/palletize" the end item as "Load, Assemble and Pack (LAP) in reference to both general purpose and practice bombs.

Load, Assemble and Pack costs are applicable to production and build-up of the round.
 Packaging, Crating and Handling (PC&H) cost is associated with transferring the completed round from production to the first destination.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 3 - PRACTICE BOMBS (OVERVIEW)	Item Nomenclature: PRACTICE BOMBS (BDU-50C/B CDI - EB71)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BDU-50C/B CDI - EB71		2010	Army/Allied Mechanical / Appleton, WI	MIPR	AFMC/OO-ALC	Sep 2010	May 2012	8,810	1,387.63	Y		
BDU-50C/B CDI - EB71		2011	Army/Allied Mechanical / Appleton, WI	MIPR	AFMC/OO-ALC	Jul 2011	Apr 2014	3,672	2,195.26	Y		
BDU-50C/B CDI - EB71		2012	Army/Allied Mechanical / Appleton, WI	MIPR	AFMC/OO-ALC	Mar 2012	Mar 2014	3,081	2,260.43	Y		
BDU-50C/B CDI - EB71		2013	Army/Allied Mechanical / Appleton, WI	MIPR	AFMC/OO-ALC	Mar 2013	Mar 2015	4,513	2,270.55	Y		

Remarks:
 The footnote below applies to the following items: BDU-50C/B CDI - EB71:
 FY2010 contract is an option of the FY2009 Basic which has 4 option years.
 The footnote below applies to the following items: BDU-50C/B CDI - EB71:
 FY2011 procurement will be a new Basic contract with at least 4 option years.
 The footnote below applies to the following items: BDU-50C/B CDI - EB71:
 FY2012 procurement will be an option off the FY2011 Basic.
 The footnote below applies to the following items: BDU-50C/B CDI - EB71:
 FY2013 contract will be an option of the FY2011 Basic contract.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force				Date: February 2012							
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13				P-1 Line Item Nomenclature: 3 - PRACTICE BOMBS (OVERVIEW)				Item Nomenclature (Item Number, Item Name, DODIC): PRACTICE BOMBS BLU-109 D-1 (F034)			

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	6.378	7.638	10.414	0.000	10.414
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	6.378	7.638	10.414	0.000	10.414
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	6.378	7.638	10.414	0.000	10.414

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
		-	-	0.000	22,806.45	279	6.363	23,931.03	319	7.634	24,331.78	428	10.414	-	-	0.000	24,331.78	428	10.414
† BLU-109 D-1 (F034) A																			
Total Recurring Cost				0.000			6.363			7.634			10.414			0.000			10.414
Total Hardware Cost				0.000			6.363			7.634			10.414			0.000			10.414
Support Cost																			
PRODUCTION ENGINEERING																			
		-	-	0.000	-	-	0.000	-	-	0.004	-	-	0.000	-	-	0.000	-	-	0.000
QUALITY ASSURANCE				0.000	-	-	0.015	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Total Support Cost				0.000			0.015			0.004			0.000			0.000			0.000
Gross Weapon System Cost				-			6.378			7.638			10.414			0.000			10.414

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BLU-109 D-1 (F034)	A	-	-	0.000	22,806.45	279	6.363	23,931.03	319	7.634	24,331.78	428	10.414	-	-	0.000	24,331.78	428	10.414
LOAD, ASSEMBLE, PACK		-	-	0.000	3,129.03	279	0.873	3,548.58	319	1.132	4,000.00	428	1.712	-	-	0.000	4,000.00	428	1.712
RECEIPT BOMB BLU-109(D-1)B		-	-	0.000	18.12	276	0.005	19.63	325	0.006	20.98	429	0.009	-	-	0.000	20.98	429	0.009
BOMB BODY 2000LB BLU-109(D-1)B		-	-	0.000	18,440.86	279	5.145	18,759.82	325	6.097	19,042.06	428	8.150	-	-	0.000	19,042.06	428	8.150
CONTAINER SHIP/ STORE CNU 417/E		-	-	0.000	2,428.57	140	0.340	2,478.14	161	0.399	2,513.89	216	0.543	-	-	0.000	2,513.89	216	0.543

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 3 - PRACTICE BOMBS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): PRACTICE BOMBS BLU-109 D-1 (F034)

Remarks:

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13 **P-1 Line Item Nomenclature:** 3 - PRACTICE BOMBS (OVERVIEW) **Item Nomenclature:** PRACTICE BOMBS BLU-109 D-1 (F034)

Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BLU-109 D-1 (F034)		2010	MCALESTER ARMY PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	Apr 2010	Feb 2013	534	20,646.07	Y		
BLU-109 D-1 (F034)		2011	MCALESTER ARMY PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	Apr 2011	Feb 2014	279	22,806.45	Y		
BLU-109 D-1 (F034)		2012	MCALESTER ARMY PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	Apr 2012	Feb 2015	319	23,931.97	Y		
BLU-109 D-1 (F034)		2013	MCALESTER ARMY PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	Apr 2013	Feb 2015	428	24,331.78	Y		

Remarks:

The footnote below applies to the following items: BLU-109 D-1 (F034):
 FY2010 contract is an option of the 2008 Basic which has 4 option years.
 The footnote below applies to the following items: BLU-109 D-1 (F034):
 FY2011 contract is an option of the 2008 Basic which has 4 option years.
 The footnote below applies to the following items: BLU-109 D-1 (F034):
 FY2012 contract will be the final option of the 2008 Basic.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 13 : Bombs	P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	250.787	150.942	163.467	23.211	186.678	187.572	207.159	267.237	271.732	-	1,522.107
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	250.787	150.942	163.467	23.211	186.678	187.572	207.159	267.237	271.732	-	1,522.107
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	250.787	150.942	163.467	23.211	186.678	187.572	207.159	267.237	271.732	-	1,522.107
<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)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

FY2011 funding includes \$53.192M of appropriated Overseas Contingency Operations supplemental funding. This includes \$14.765M reprogrammed in support of Operation ODYSSEY DAWN.

FY2012 funding includes \$17.385M of requested Overseas Contingency Operations supplemental funding.

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

- GBU-10/12 Computer Control Group (MAU-209, MAU-169): A laser homing guidance unit used on the PAVEWAY II Laser Guided Bomb (GBU-10, MK-84 Warhead, 2000-pound class or GBU-12, MK-82 Warhead, 500-pound class). The PAVEWAY II system has folding wings which open upon release for maneuverability and increased aircraft payload. These weapons are primarily used for precision bombing against hardened and non-hardened targets. This item is procured through the Ogden Air Logistics Center. FY2011 funding includes \$20.036M appropriated for Overseas Contingency Operations supplemental funding. FY2012 funding includes \$1.704M requested for Overseas Contingency Operations supplemental funding.

- MXU-650 Fin Assembly Kits (EC32): Consists of a tail fin, forward canards and attachment hardware used on the GBU-12 (MK-82 Warhead, 500-pound class) PAVEWAY II Laser Guided Bomb. This fin assembly kit, coupled with a Paveway II Computer Control Group (ED58), are both required to build GBU-12 weapons. These weapons are primarily used for precision bombing against non-hardened targets. This item is procured through the Ogden Air Logistics Center. FY2011 funding includes \$7.719M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$0.822M of requested Overseas Contingency Operations supplemental funding.

- Items Less Than Five Million Dollars: All items have a procurement value of less than \$5,000,000 and are Code A. FY2011 funding includes \$0.280M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$0.019M of requested Overseas Contingency Operations supplemental funding.

- BLU-109 (ED49): A 2,000-pound hard target penetrator bomb. 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 weapon systems. Increased funding in FY2012 to fill a historically short stockpile and to support increasing unit costs due to change of bomb body design and new IM explosive fill. The DODIC was EC72 which was a GP bomb filled with PBXN-109. Now, the Air Force will procure DODIC ED49, NSN 1325015733873, BLU-109C/B penetrator bomb containing AFX-757 fill and Insensitive Munitions technology. This item is procured through the Army Single Manager for Conventional Ammunition. FY2011 funding includes \$1.680M of appropriated Overseas Contingency Operations supplemental funding.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 13 : Bombs

P-1 Line Item Nomenclature:
4 - GENERAL PURPOSE BOMBS (OVERVIEW)

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

- BLU-110B/B (ED41): A 1,000-pound class general purpose bomb. It has a relatively thin bomb case that is streamlined to reduce aerodynamic drag. 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 with the Joint Direct Attack Munition weapon system. The BLU-110B/B can also be fuzed with proximity, instantaneous or delayed fuzes to provide a variety of military effects. This item was previously identified as DODIC EB28 which was provided by the Navy as a place-holder awaiting cataloging action. New DODIC is ED41 which represents the new insensitive munitions technology. This item is procured through the Army Single Manager for Conventional Ammunition.

- MXU-651 B/B (EC31/EC28): An airfoil group consisting of an aft wing assembly, forward canards and attaching hardware to assemble a GBU-10 (MK-84 Warhead, 2,000-pound class, or BLU-109 2,000-pound Hard Target Penetrator Bomb) PAVEWAY II Laser Guided Bomb. The PAVEWAY II system has folding wings which open upon release for increased maneuverability. This item is procured through the Ogden Air Logistics Center.

- BLU-111 (ED15): A thermally-protected general purpose bomb, identical to the MK-82 (500-pound bomb), with the exception of the explosive filler. It has a relatively thin case with a slender body designed for improved ballistics. These bombs are 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. Increased funding in FY2012 procures new bomb body and Insensitive Munition explosive fill. This item is procured through the Army Single Manager for Conventional Ammunition. FY2011 funding includes \$7.493M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$9.334M of requested Overseas Contingency Operations supplemental funding.

- BLU-117 (ED09): 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 Paveway II, Paveway III, GBU-15, 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. The nomenclature changed from MK-84 2,000-pound GP BOMB - F275 to BLU-117 2,000-pound GP BOMB - ED02 and then to BLU-117B/B - ED09. The BLU-117 2,000-pound GP BOMB is an Insensitive Munition compliant version of the MK-84 2,000-pound GP BOMB. This item is procured through the Army Single Manager for Conventional Ammunition. FY2011 funding includes \$15.984M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$5.506M of requested Overseas Contingency Operations supplemental funding.

- BLU-121 Bomb (ED44): Used on the GBU-15, AGM-130 Precision Guided Air-to-Surface weapon and JDAM to form an improved 2,000-pound penetrating warhead, with the new designator of BLU-121. It is used on the F15E, F16, B-1 and B-2, aircraft weapon system platforms. The warhead provides tunnel target penetration, increased lethality, and survivability. The new BLU-121 significantly enhances the Air Force's capability to destroy tunnel targets. The BLU-121 improves warhead lethality through a more energetic explosive fill; enhanced warhead survivability through the use of an improved penetration steel case assembly; improved employment characteristics of the EGBU-15 guidance software; and increased warhead safety through mitigated reaction to unplanned stimuli (Insensitive Munitions requirement), thereby improving overall safety. The engineering effort for the program was funded FY02-FY09 by the Defense Threat Reduction Agency (DTRA) with 97X0400 (R&D) funds. This item is procured through the Air Armament Center, Eglin AFB, FL.

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
GENERAL PURPOSE BOMBS (MXU-651/B FIN ASSEMBLY - EC31) (See enclosed P-40A)	P40A, P5A				0.000			0.000			7.352			2.933			0.000			2.933

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 13 : Bombs

P-1 Line Item Nomenclature:
4 - GENERAL PURPOSE BOMBS (OVERVIEW)

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
GENERAL PURPOSE BOMBS (MAU 209C/B - ED58) (See enclosed P-40A)	P40A, P5A				0.000			82.579			35.805			42.229			3.479			45.708
GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY - EC32) (See enclosed P-40A)	P40A, P5A				0.000			33.558			8.497			16.281			1.965			18.246
GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION) (See enclosed P-40A)	P40A				0.000			9.200			13.446			13.248			0.652			13.900
GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - (ED49)	P5, P5A		-	-	-	-	-	66.238	-	-	43.171	-	-	67.855	-	-	0.603	-	-	68.458
GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - ED41)	P5, P5A		-	-	-	-	-	2.635	-	-	0.000	-	-	2.362	-	-	0.000	-	-	2.362
GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15	P5, P5A		-	-	-	-	-	21.772	-	-	21.955	-	-	10.888	-	-	9.722	-	-	20.610
GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)	P5, P5A		-	-	-	-	-	33.065	-	-	12.256	-	-	7.671	-	-	6.790	-	-	14.461
GENERAL PURPOSE BOMBS (BLU-121 B/B GP BOMB (ED44))	P5, P5A		-	-	-	-	-	1.740	-	-	8.460	-	-	0.000	-	-	0.000	-	-	0.000
Total Gross/Weapon System Cost					-			250.787			150.942			163.467			23.211			186.678

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

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

FY2013 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

Items requested in FY2013 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13							P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)							Aggregated Item Name: GENERAL PURPOSE BOMBS (MXU-651/B FIN ASSEMBLY - EC31)					

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
TOTAL RECURRING HARDWARE COST																			
† MXU-651/B FIN ASSEMBLY - EC31	A	-	-	0.000	-	-	0.000	5,130.50	1,433	7.352	5,209.59	563	2.933	-	-	0.000	5,209.59	563	2.933
<i>Subtotal TOTAL RECURRING HARDWARE COST</i>				0.000			0.000			7.352			2.933			0.000			2.933
Total				0.000			0.000			7.352			2.933			0.000			2.933

Remarks:

1. The AFG kit is the only line item procurable asset on the contract. The necessary pallets containers are included in the price of the AFG kit.
2. FY 2012 unit cost based on last procure price (FY06) times annual inflation of 1.6%
3. Unit price and quantity recieved is dependent on amount of funding received and the competitive environment present between technically qualified sources.
4. No procurement from FY07-FY11

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13				P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)					Aggregated Item Name: GENERAL PURPOSE BOMBS (MXU-651/B FIN ASSEMBLY - EC31)			
Items <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
TOTAL RECURRING HARDWARE COST												
MXU-651/B FIN ASSEMBLY - EC31		2012	UNKNOWN / UNKNOWN	C / TBD	AFMC/OO-ALC	May 2012	May 2013	1,433	5,130.50	Y		
MXU-651/B FIN ASSEMBLY - EC31		2013	UNKNOWN / UNKNOWN	C / TBD	AFMC/OO-ALC	May 2013	May 2014	563	5,209.59	Y		
Remarks: Contracts will be split between Raytheon and Lockheed when procurement quantities allow economy of scale. Otherwise, the full procurement will be awarded to the lowest bidder.												

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 13

P-1 Line Item Nomenclature:
4 - GENERAL PURPOSE BOMBS (OVERVIEW)

Aggregated Item Name:
GENERAL PURPOSE BOMBS (MAU 209C/B - ED58)

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
SUBTOTAL RECURRING HARDWARE COST																			
† MAU-209C/B - ED58	A	-	-	0.000	10,557.27	7,822	82.579	11,175.09	3,204	35.805	11,354.93	3,719	42.229	11,369.28	306	3.479	11,356.02	4,025	45.708
<i>Subtotal SUBTOTAL RECURRING HARDWARE COST</i>				<i>0.000</i>			<i>82.579</i>			<i>35.805</i>			<i>42.229</i>			<i>3.479</i>			<i>45.708</i>
Total				0.000			82.579			35.805			42.229			3.479			45.708

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13				P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)						Aggregated Item Name: GENERAL PURPOSE BOMBS (MAU 209C/B - ED58)			
Items († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
SUBTOTAL RECURRING HARDWARE COST													
MAU-209C/B - ED58		2010	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/OO-ALC	Sep 2010	Oct 2011	1,822	11,162.50	Y			
MAU-209C/B - ED58		2011	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/OO-ALC	Jun 2011	Jun 2012	7,822	10,557.15	Y			
MAU-209C/B - ED58		2012	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / TBD	AFMC/OO-ALC	May 2012	May 2013	3,204	11,175.09	Y			
MAU-209C/B - ED58		2013	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / TBD	AFMC/OO-ALC	May 2013	May 2014	3,719	11,354.93	Y			
MAU-209C/B - ED58	✓	2013	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / TBD	AFMC/OO-ALC	May 2013	May 2014	306	11,369.28	Y			
<p>Remarks:</p> <p>The footnote below applies to the following items: MAU-209C/B - ED58: Due to Contractual issues, the FY2010 and FY2011 procurements are combined on an FY2011 IDIQ contract with 5 ordering periods. To maintain the industrial base and foster competition, the FY2010/FY2011 contract was split between Raytheon and Lockheed.</p> <p>The footnote below applies to the following items: MAU-209C/B - ED58: FY2012 will be an order off the FY2011 IDIQ contract.</p> <p>The footnote below applies to the following items: MAU-209C/B - ED58: FY2013 procurement will be an option off the FY2011 Basic Contract.</p> <p>The footnote below applies to the following items: MAU-209C/B - ED58: FY2013 OCO procurement can be added to the FY2013 Base as an option off the FY2011 Basic Contract if funds are received in the same timeframe. Otherwise, the OCO will be a stand-alone contract, based on the competitive environment present between technically qualified sources.</p> <p>The Computer Control Groups (CCGs) for laser guided bombs PAVEWAY II, GBU10/12 can be purchased from the same contract/vendors regardless of which Noun/DODIC is specified. The latest DODIC is ED58, MAU-209C/B (manufactured by Lockheed Martin). The other procurable DODIC is EC42, MAU-169 L/B (Manufactured by Raytheon).</p> <p>Unit prices are based on the last procurement price plus inflation.</p>													

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13				P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)				Aggregated Item Name: GENERAL PURPOSE BOMBS (MXU-650 FIN ASSEMBLY - EC32)				
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Uncategorized												
MXU-650 FIN ASSEMBLY - EC32		2010	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/OO-ALC	Aug 2011	Oct 2011	1,351	4,064.87	Y		
MXU-650 FIN ASSEMBLY - EC32		2011	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / FFP	AFMC/OO-ALC	Aug 2011	May 2012	6,675	5,027.42	Y		
MXU-650 FIN ASSEMBLY - EC32		2012	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / TBD	AFMC/OO-ALC	May 2012	May 2013	2,124	4,000.47	Y		
MXU-650 FIN ASSEMBLY - EC32		2013	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / TBD	AFMC/OO-ALC	May 2013	May 2014	4,164	3,909.94	Y		
MXU-650 FIN ASSEMBLY - EC32	✓	2013	LOCKHEED-MARTIN & RAYTHEON / ARCHIBALD, PA / TUCSON, AZ	C / TBD	AFMC/OO-ALC	May 2013	May 2014	503	3,906.56	Y		
Remarks: The footnote below applies to the following items: MXU-650 FIN ASSEMBLY - EC32: Due to contracting issues, the FY2010 procurement is joined with FY2011 on a new Indefinite Delivery, Indefinite Quantity (IDIQ) contract with 5 ordering periods (2011-2015). To maintain the industrial base and foster competition, the total orders for FY2010/2011 were split between Lockheed-Martin and Raytheon. The footnote below applies to the following items: MXU-650 FIN ASSEMBLY - EC32: FY2012 procurement is a delivery order off the FY2011 Basic IDIQ contract. To foster competition and maintain the vendor base, orders are split between the vendors based on a competitive ratio of lowest prices offered by each. The footnote below applies to the following items: MXU-650 FIN ASSEMBLY - EC32: FY2013 procurement is a delivery order off the FY2011 Basic IDIQ contract and will be executed based on the competitive environment between the vendors. The footnote below applies to the following items: MXU-650 FIN ASSEMBLY - EC32: FY2013 OCO procurement will be a stand-alone delivery order off the FY2011 Basic IDIQ, or may be combined with the FY2013 (base) if all funds are received within the same timeframe. 1. Currently, the qualified sources for the MXU-650 Airfoil Group (AFG) are Lockheed Martin and Raytheon. 2. Each vendor identifies its version of the MXU-650 AFG as follows: Raytheon version is MXU-650C/B, DODIC EC32. Lockheed Martin version is MXU-650D/B, DODIC EC29. 3. Indicative data records in AF supply and financial systems can only accept one DODIC as the Master record. Therefore, DODIC EC32 (which is the latest version recorded) is shown on p-series budget exhibits, while contracts may reference either or both DODICs depending on the contract award. 4. Both versions are suitable for laser guided bombs PAVEWAY II, GBU-12. and both can be purchased from the same contract regardless of which Noun/DODIC is specified.												

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force													Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13						P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)						Aggregated Item Name: GENERAL PURPOSE BOMBS (ITEMS LESS THAN \$5 MILLION)						

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
LANYARD ASSY BOMB (EA67)	A	-	-	0.000	18.41	2,173	0.040	-	-	0.000	-	-	0.000	18.43	217	0.004	18.43	217	0.004
LANYARD (EA99)	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	15.97	313	0.005	15.97	313	0.005
BOMB BLU-122/B (EC60)	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
FIN ASSY MK 84 (F607)	A	-	-	0.000	558.00	2,095	1.169	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
BLU-126/B LCDB (ED01)	A	-	-	0.000	2,848.48	66	0.188	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
FIN ASSY BSU-33B/B (F782)	A	-	-	0.000	204.51	9,085	1.858	124.83	28,222	3.523	212.52	15,754	3.348	212.50	3,007	0.639	212.52	18,761	3.987
CUP NOSESUPPORT MK81,82,83,84 (FW26)	A	-	-	0.000	10.60	10,188	0.108	9.22	434	0.004	-	-	0.000	10.87	276	0.003	10.87	276	0.003
PLUG, NOSE FOR GP BOMB (G008)	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.001	-	-	0.001
BLU-109 IM	A	-	-	0.000	-	-	1.063	-	-	0.000	-	-	2.000	-	-	0.000	-	-	2.000
BLU-109 LWIP	A	-	-	0.000	-	-	1.890	-	-	2.000	-	-	3.000	-	-	0.000	-	-	3.000
BLU-122 IM	A	-	-	0.000	-	-	0.000	-	-	3.019	-	-	0.000	-	-	0.000	-	-	0.000
GP BOMB IM PRODUCTION ENGINEERING	A	-	-	0.000	-	-	2.884	-	-	4.900	-	-	4.900	-	-	0.000	-	-	4.900
MCAPP (McAlester, OK)	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
<i>Subtotal Uncategorized</i>				<i>0.000</i>			<i>9.200</i>			<i>13.446</i>			<i>13.248</i>			<i>0.652</i>			<i>13.900</i>
Total				0.000			9.200			13.446			13.248			0.652			13.900

Remarks:

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - (ED49)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	66.238	43.171	67.855	0.603	68.458
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	66.238	43.171	67.855	0.603	68.458
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	66.238	43.171	67.855	0.603	68.458

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† BLU-109 2000 LB HARD TARGET BOMB - ED49	A	-	-	0.000	31,271.01	2,118	66.232	55,338.46	780	43.164	35,065.80	1,930	67.677	35,058.82	17	0.596	35,065.74	1,947	68.273
Total Recurring Cost				0.000			66.232			43.164			67.677			0.596			68.273
Total Hardware Cost				0.000			66.232			43.164			67.677			0.596			68.273
Support Cost																			
PRODUCTION ENGINEERING		-	-	0.000	-	-	0.000	-	-	0.004	-	-	0.171	-	-	0.000	-	-	0.171
QUALITY ASSURANCE		-	-	0.000	-	-	0.006	-	-	0.003	-	-	0.007	-	-	0.007	-	-	0.014
Total Support Cost				0.000			0.006			0.007			0.178			0.007			0.185
Gross Weapon System Cost				-			66.238			43.171			67.855			0.603			68.458

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BLU-109 2000 LB HARD TARGET BOMB - ED49	A	-	-	0.000	31,271.01	2,118	66.232	55,338.46	780	43.164	35,065.80	1,930	67.677	35,058.82	17	0.596	35,065.74	1,947	68.273
LOAD, ASSEMBLE, PACK		-	-	0.000	8,332.84	2,118	17.649	6,401.28	780	4.993	9,567.79	1,930	18.466	9,567.79	17	0.163	9,568.05	1,947	18.629
BOMB BODY, 2000LB BLU-109/B		-	-	0.000	18,452.16	2,129	39.285	18,765.99	1,235	23.176	20,811.37	1,939	40.353	20,811.37	17	0.354	20,811.35	1,956	40.707

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Exhibit P-5, Cost Analysis: PB 2013 Air Force												Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13						P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)						Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - (ED49)					

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
CONTAINER, CNU-417/E		-	-	0.000	2,482.73	1,069	2.654	2,482.30	452	1.122	2,744.30	973	2.670	2,744.30	9	0.025	2,744.40	982	2.695
CXM-AF-5		-	-	0.000	18.34	360,036	6.603	22.31	621,005	13.854	18.74	328,100	6.149	18.74	2,890	0.054	18.74	330,990	6.203
RECEIPT OF GFM MATERIAL FOR 2000LB BOMB		-	-	0.000	19.48	2,113	0.041	19.65	967	0.019	19.96	1,939	0.039	19.96	17	0.000	19.94	1,956	0.039

Remarks:
Quality assurance consists of funding for Army personnel to travel to production facilities.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13				P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)						Item Nomenclature: GENERAL PURPOSE BOMBS (BLU-109 2000 LB HARD TARGET BOMB - (ED49)		

Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BLU-109 2000 LB HARD TARGET BOMB - ED49		2010	MCALESTER ARMY PLANT / MCALESTER, OK	MIPR	AFMC/OC-ALC	Apr 2010	Feb 2012	1,642	35,430.24	Y		
BLU-109 2000 LB HARD TARGET BOMB - ED49		2011	MCALESTER ARMY PLANT / MCALESTER, OK	MIPR	AFMC/OC-ALC	Jun 2011	Feb 2013	2,118	31,270.94	Y		
BLU-109 2000 LB HARD TARGET BOMB - ED49		2012	MCALESTER ARMY PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	May 2012	Feb 2014	780	55,338.46	Y		
BLU-109 2000 LB HARD TARGET BOMB - ED49		2013	MCALESTER ARMY PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	May 2013	Feb 2015	1,930	35,065.59	Y		
BLU-109 2000 LB HARD TARGET BOMB - ED49	✓	2013	MCALESTER ARMY PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	May 2013	Feb 2015	17	35,037.79	Y		

Remarks:
 Ellwood National Forge Company, Irvine, PA, produces the bomb bodies. McAlester Army Ammunition Plant Loads, Assembles, and Packs, (LAP) the bombs. The production lead time is 24 months to accommodate complex mixing and cure time required for the new insensitive munitions (IM) type explosive fill.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - ED41)

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	2.635	0.000	2.362	0.000	2.362
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	2.635	0.000	2.362	0.000	2.362
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	2.635	0.000	2.362	0.000	2.362

(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)	-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† BLU-110B/B 1000 LB GP BOMB - ED41	A	-	-	0.000	9,662.96	270	2.609	-	-	0.000	11,640.00	200	2.328	-	-	0.000	11,640.00	200	2.328
Total Recurring Cost				0.000			2.609			0.000			2.328			0.000			2.328
Total Hardware Cost				0.000			2.609			0.000			2.328			0.000			2.328
Support Cost																			
PRODUCTION ENGINEERING		-	-	0.000	-	-	0.020	-	-	0.000	-	-	0.021	-	-	0.000	-	-	0.021
QUALITY ASSURANCE		-	-	0.000	-	-	0.006	-	-	0.000	-	-	0.013	-	-	0.000	-	-	0.013
Total Support Cost				0.000			0.026			0.000			0.034			0.000			0.034
Gross Weapon System Cost				-			2.635			0.000			2.362			0.000			2.362

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BLU-110B/B 1000 LB GP BOMB - ED41	A	-	-	0.000	9,662.96	270	2.609	-	-	0.000	11,640.00	200	2.328	-	-	0.000	11,640.00	200	2.328
LOAD, ASSEMBLE, PACK		-	-	0.000	2,589.96	270	0.699	-	-	0.000	2,847.17	200	0.569	-	-	0.000	2,845.00	200	0.569
RECEIPT OF GFM		-	-	0.000	19.78	275	0.005	-	-	0.000	21.01	204	0.004	-	-	0.000	19.61	204	0.004

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Exhibit P-5, Cost Analysis: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13							P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)							Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - ED41)					

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BOMB BODY BLU-110B/B		-	-	0.000	3,242.56	275	0.892	-	-	0.000	3,315.87	204	0.676	-	-	0.000	3,313.73	204	0.676
LUG SUSPENSION MS3314		-	-	0.000	23.22	545	0.013	-	-	0.000	23.96	404	0.010	-	-	0.000	24.75	404	0.010
PALLET MHU-187		-	-	0.000	704.00	92	0.065	-	-	0.000	803.12	68	0.055	-	-	0.000	808.82	68	0.055
CXM-7 (LB)		-	-	0.000	12.78	73,170	0.935	-	-	0.000	18.71	54,200	1.014	-	-	0.000	18.71	54,200	1.014

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force										Date: February 2012			
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13				P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)						Item Nomenclature: GENERAL PURPOSE BOMBS (BLU-110B/B 1000 LB GP BOMB - ED41)			

Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BLU-110B/B 1000 LB GP BOMB - ED41		2009	ARMY/MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	Mar 2009	Oct 2012	597	8,510.32	Y		
BLU-110B/B 1000 LB GP BOMB - ED41		2010	ARMY/MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	Mar 2010	Jul 2013	1,196	8,051.00	Y		
BLU-110B/B 1000 LB GP BOMB - ED41		2011	ARMY/MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	Mar 2011	Oct 2014	270	9,662.86	Y		
BLU-110B/B 1000 LB GP BOMB - ED41		2013	ARMY/MCALESTER ARMY AMMUNITION PLANT / MCALESTER, OK	MIPR	AFMC/OO-ALC	Mar 2013	Oct 2016	200	11,642.65	Y		

Remarks:
 The footnote below applies to the following items: BLU-110B/B 1000 LB GP BOMB - ED41:
 Contract has an FY2006 base year with at least 5 option years.
 General Dynamics Ordnance and Tactical Systems, Garland, TX, produces the bomb bodies. McAlester Army Ammunition Plant Loads, Assembles, and Packs (LAP) the bombs.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	21.772	21.955	10.888	9.722	20.610
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	21.772	21.955	10.888	9.722	20.610
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	21.772	21.955	10.888	9.722	20.610

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† BLU-111A/B 500LB IM FILL - ED15	A	-	-	0.000	5,233.07	4,149	21.712	4,596.90	4,768	21.918	6,211.23	1,728	10.733	6,212.14	1,565	9.722	6,211.66	3,293	20.455
Total Recurring Cost				0.000			21.712			21.918			10.733			9.722			20.455
Total Hardware Cost				0.000			21.712			21.918			10.733			9.722			20.455
Support Cost																			
PRODUCTION ENGINEERING		-	-	0.000	-	-	0.052	-	-	0.034	-	-	0.139	-	-	0.000	-	-	0.139
QUALITY ASSURANCE		-	-	0.000	-	-	0.008	-	-	0.003	-	-	0.016	-	-	0.000	-	-	0.016
Total Support Cost				0.000			0.060			0.037			0.155			0.000			0.155
Gross Weapon System Cost				-			21.772			21.955			10.888			9.722			20.610

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BLU-111A/B 500LB IM FILL - ED15	A	-	-	0.000	5,233.07	4,149	21.712	4,596.90	4,768	21.918	6,211.23	1,728	10.733	6,212.14	1,565	9.722	6,211.66	3,293	20.455
LOAD, ASSEMBLE, PACK (LAP)		-	-	0.000	1,485.00	4,149	6.161	813.55	4,768	3.879	1,542.25	1,728	2.665	1,541.85	1,565	2.413	1,542.06	3,293	5.078
LUG SUSP ACFT ORD MS3314		-	-	0.000	23.21	8,384	0.195	23.60	9,661	0.228	23.96	3,464	0.083	23.96	3,172	0.076	23.96	6,636	0.159
CXM-7		-	-	0.000	12.78	580,860	7.423	18.57	532,526	9.889	18.71	241,903	4.526	18.71	219,188	4.101	18.71	461,091	8.627

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Exhibit P-5, Cost Analysis: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13							P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)							Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15					

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BOMB BODY 500 LB MK82 MOD 6 IM		-	-	0.000	1,842.56	4,235	7.803	1,894.18	3,988	7.554	1,926.22	1,762	3.394	1,926.07	1,596	3.074	1,926.15	3,358	6.468
PALLET MHU-122/E		-	-	0.000	-	-	0.000	154.08	1,324	0.204	-	-	0.000	-	-	0.000	-	-	0.000
RECEIPT BOMB MK82-1 500LB		-	-	0.000	4.64	4,235	0.020	10.17	4,719	0.048	10.62	1,789	0.019	10.62	1,601	0.017	10.62	3,390	0.036
PALLET MHU-149/E		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
PALLET INSPECTION, MHU-149/E		-	-	0.000	156.33	702	0.110	143.56	808	0.116	155.93	295	0.046	155.89	263	0.041	155.91	558	0.087

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)	Item Nomenclature: GENERAL PURPOSE BOMBS (BLU-111A/B 500LB IM FILL) ED15
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BLU-111A/B 500LB IM FILL - ED15		2010	ARMY / MCAAP, OK	MIPR	AFMC/OO-ALC	Mar 2010	Aug 2012	6,332	4,323.74	Y		
BLU-111A/B 500LB IM FILL - ED15		2011	ARMY / MCAAP, OK	MIPR	AFMC/OO-ALC	Mar 2011	Aug 2014	4,149	5,233.04	Y		
BLU-111A/B 500LB IM FILL - ED15		2012	ARMY / MCAAP, OK	MIPR	AFMC/OO-ALC	Mar 2012	Aug 2015	4,768	4,596.90	Y		
BLU-111A/B 500LB IM FILL - ED15		2013	ARMY / MCAAP, OK	MIPR	AFMC/OO-ALC	Mar 2013	Aug 2016	1,728	6,210.88	Y		
BLU-111A/B 500LB IM FILL - ED15	✓	2013	ARMY / MCAAP, OK	MIPR	AFMC/OO-ALC	Mar 2013	Aug 2016	1,565	6,212.13	Y		

Remarks:
 The footnote below applies to the following items: BLU-111A/B 500LB IM FILL - ED15:
 FY2013 OCO procurement will be added to an existing contract if funds received in the same timeframe as the FY2013 Base. Otherwise, the OCO will be placed on a separate contract.
 The Single Manager for Conventional Munitions (SMCA) will purchase the bomb body on a Sole-Source contract from General Dynamics, Garland, TX and the insensitive munitions fill will be a competitive contracting method. Load, Assemble and Pack is accomplished at McAlester Army Ammunition Plant (MCAPP), OK.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	33.065	12.256	7.671	6.790	14.461
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	33.065	12.256	7.671	6.790	14.461
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	33.065	12.256	7.671	6.790	14.461

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† BLU-117B/B GP BOMB - ED09	A	-	-	0.000	22,839.56	1,446	33.026	21,750.45	553	12.028	22,841.32	334	7.629	22,851.85	297	6.787	22,846.28	631	14.416
Total Recurring Cost				0.000			33.026			12.028			7.629			6.787			14.416
Total Hardware Cost				0.000			33.026			12.028			7.629			6.787			14.416
Support Cost																			
PRODUCTION ENGINEERING		-	-	0.000	-	-	0.020	-	-	0.225	-	-	0.023	-	-	0.000	-	-	0.023
QUALITY ASSURANCE		-	-	0.000	-	-	0.019	-	-	0.003	-	-	0.019	-	-	0.003	-	-	0.022
Total Support Cost				0.000			0.039			0.228			0.042			0.003			0.045
Gross Weapon System Cost				-			33.065			12.256			7.671			6.790			14.461

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BLU-117B/B GP BOMB - ED09	A	-	-	0.000	22,839.56	1,446	33.026	21,750.45	553	12.028	22,841.32	334	7.629	22,851.85	297	6.787	22,846.28	631	14.416
LOAD, ASSEMBLE, PACK		-	-	0.000	4,729.60	1,446	6.839	3,943.94	553	2.181	4,729.85	334	1.580	4,729.85	297	1.405	4,730.59	631	2.985
LUG SUSP ACFT ORD MK3-0		-	-	0.000	61.28	2,921	0.179	60.39	1,126	0.068	61.27	674	0.041	61.27	600	0.037	61.22	1,274	0.078

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Exhibit P-5, Cost Analysis: PB 2013 Air Force													Date: February 2012						
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13						P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)						Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)							

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BOMB BODY 2000LB MK84 MOD 10 IM		-	-	0.000	5,167.80	1,472	7.607	5,084.96	565	2.873	5,167.80	340	1.757	5,167.80	303	1.566	5,167.96	643	3.323
CXM-AF7		-	-	0.000	18.88	939,936	17.746	18.57	359,558	6.677	18.88	217,100	4.099	18.88	193,050	3.645	18.88	410,150	7.744
PALLET MK79-1		-	-	0.000	861.64	730	0.629	784.95	279	0.219	862.09	169	0.146	862.09	150	0.129	862.07	319	0.275
RECEIPT BOMB MK84-4 2000LB MOD 10 IM		-	-	0.000	18.01	1,444	0.026	17.73	564	0.010	18.00	340	0.006	18.00	303	0.005	17.11	643	0.011

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13				P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)				Item Nomenclature: GENERAL PURPOSE BOMBS (BLU-117 2000 LB GP BOMB - ED09)				
Cost Elements († indicates the presence of a P-21)	OCO	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BLU-117B/B GP BOMB - ED09		2010	ARMY/MCALESTER AMMUNITION PRODUCTION PLANT (MCAPP) / MCALESTER, OK	MIPR	AFMC/OO-ALC	Mar 2010	Sep 2011	2,102	15,987.63	Y		
BLU-117B/B GP BOMB - ED09		2011	ARMY/MCALESTER AMMUNITION PRODUCTION PLANT (MCAPP) / MCALESTER, OK	MIPR	AFMC/OO-ALC	Mar 2011	Sep 2012	1,446	22,839.75	Y		
BLU-117B/B GP BOMB - ED09		2012	ARMY/MCALESTER AMMUNITION PRODUCTION PLANT (MCAPP) / MCALESTER, OK	MIPR	AFMC/OO-ALC	Mar 2012	Sep 2013	553	21,750.45	Y		
BLU-117B/B GP BOMB - ED09		2013	ARMY/MCALESTER AMMUNITION PRODUCTION PLANT (MCAPP) / MCALESTER, OK	MIPR	AFMC/OO-ALC	Mar 2013	Sep 2014	334	22,840.66	Y		
BLU-117B/B GP BOMB - ED09	✓	2013	ARMY/MCALESTER AMMUNITION PRODUCTION PLANT (MCAPP) / MCALESTER, OK	MIPR	AFMC/OO-ALC	Mar 2013	Sep 2014	297	22,851.59	Y		
Remarks: The footnote below applies to the following items: BLU-117B/B GP BOMB - ED09: Contract has an FY2006 base year with 4 option years. The footnote below applies to the following items: BLU-117B/B GP BOMB - ED09: FY2013 OCO procurement will be an option of an existing contract if funds are received during the same timeframe as the FY2013 Base. Otherwise, OCO will be a separate contract. Procurement of bomb bodies is a sole source contract with General Dynamics Ordnance and Tactical Systems, Garland, TX. Insensitive munitions fill will be purchased using a competitive contract method. McAlester Army Ammunition Plant Loads, Assembles, and Packs (LAP) the bombs.												

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-121 B/B GP BOMB (ED44))

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	1.740	8.460	0.000	0.000	0.000
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	1.740	8.460	0.000	0.000	0.000
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	1.740	8.460	0.000	0.000	0.000

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† BLU-121 B/B 2000LB GP BOMB (ED44)	A	-	-	0.000	120,000.00	12	1.440	82,061.86	97	7.960	-	-	0.000	-	-	0.000	-	-	0.000
Total Recurring Cost				0.000			1.440			7.960			0.000			0.000			0.000
Total Hardware Cost				0.000			1.440			7.960			0.000			0.000			0.000
Support Cost																			
ENGINEERING CHANGE ORDERS		-	-	0.000	-	-	0.050	-	-	0.050	-	-	0.000	-	-	0.000	-	-	0.000
DIRECT MISSION SUPPORT		-	-	0.000	-	-	0.250	-	-	0.450	-	-	0.000	-	-	0.000	-	-	0.000
Total Support Cost				0.000			0.300			0.500			0.000			0.000			0.000
Gross Weapon System Cost				-			1.740			8.460			0.000			0.000			0.000

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BLU-121 B/B 2000LB GP BOMB (ED44)	A	-	-	0.000	120,000.00	12	1.440	82,061.86	97	7.960	-	-	0.000	-	-	0.000	-	-	0.000
LOAD ASSEMBLE & PACK		-	-	0.000	8,750.00	12	0.105	8,701.03	97	0.844	-	-	0.000	-	-	0.000	-	-	0.000
AFX-757 (LB)		-	-	0.000	20.00	11,000	0.220	8.00	86,595	0.693	-	-	0.000	-	-	0.000	-	-	0.000

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Exhibit P-5, Cost Analysis: PB 2013 Air Force													Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13						P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)						Item Nomenclature (Item Number, Item Name, DODIC): GENERAL PURPOSE BOMBS (BLU-121 B/B GP BOMB (ED44))						

Cost Element Breakout	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
BLU-121 2000LB PENETRATOR BOMB		-	-	0.000	92,916.67	12	1.115	66,216.49	97	6.423	-	-	0.000	-	-	0.000	-	-	0.000

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 4 - GENERAL PURPOSE BOMBS (OVERVIEW)	Item Nomenclature: GENERAL PURPOSE BOMBS (BLU-121 B/B GP BOMB (ED44))
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
BLU-121 B/B 2000LB GP BOMB (ED44)		2011	ELLWOOD NATIONAL FORGE / IRVINE, PA	SS / FFP	AFMC/AAC	May 2011	Apr 2012	12	130.62	Y		
BLU-121 B/B 2000LB GP BOMB (ED44)		2012	ELLWOOD NATIONAL FORGE / IRVINE, PA	SS / FFP	AFMC/AAC	May 2012	Apr 2013	97	91.72	Y		

Remarks:
 The footnote below applies to the following items: BLU-121 B/B 2000LB GP BOMB (ED44):
 Contract has an FY2009 base year with 6 option years.
 Cost information is in actual dollars.
 (1) Contract has an FY2009 base year with 6 option years.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 13 : Bombs

P-1 Line Item Nomenclature:
5 - JOINT DIRECT ATTACK MUNITION

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	138,953	13,061	4,259	3,259	1,419	4,678	3,071	3,039	2,944	2,810	0	172,815
Gross/Weapon System Cost (\$ in Millions)	3,158.602	346.375	127.249	101.921	53.923	155.844	126.110	129.944	109.285	109.053	0.000	4,262.462
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3,158.602	346.375	127.249	101.921	53.923	155.844	126.110	129.944	109.285	109.053	0.000	4,262.462
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3,158.602	346.375	127.249	101.921	53.923	155.844	126.110	129.944	109.285	109.053	0.000	4,262.462

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (\$ in Millions)	0.021	0.024	0.026	0.027	0.027	0.027	0.028	0.030	0.032	0.033	-	0.022
Gross/Weapon System Unit Cost (\$ in Millions)	0.023	0.027	0.030	0.031	0.038	0.033	0.041	0.043	0.037	0.039	-	0.025

Description:

FY2011 funding totals include \$168.005M appropriated for Overseas Contingency Operations. This includes \$20.014M reprogrammed in support of Operation ODYSSEY DAWN.

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

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

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

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	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)
JOINT DIRECT ATTACK MUNITION	P5, P5A, P21		0.023	138,953	3,158.602	0.027	13,061	346.375	0.030	4,259	127.249	0.031	3,259	101.921	0.038	1,419	53.923	0.033	4,678	155.844
Total Gross/Weapon System Cost					3,158.602			346.375			127.249			101.921			53.923			155.844

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

Justification:

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 13 : Bombs		P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<p>The JDAM contract option for FY2013 requires a minimum of 3,250 JDAM tailkits. Funding below that level will require the contract be renegotiated with the potential of increased unit costs and additional production lead times due to negotiation schedules.</p> <p>FY2013 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.</p>		

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Exhibit P-5, Cost Analysis: PB 2013 Air Force										Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13					P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION					Item Nomenclature (Item Number, Item Name, DODIC): JOINT DIRECT ATTACK MUNITION				

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	138,953	13,061	4,259	3,259	1,419	4,678	3,071	3,039	2,944	2,810	0	172,815
Gross/Weapon System Cost (\$ in Millions)	3,158.602	346.375	127.249	101.921	53.923	155.844	126.110	129.944	109.285	109.053	0.000	4,262.462
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	3,158.602	346.375	127.249	101.921	53.923	155.844	126.110	129.944	109.285	109.053	0.000	4,262.462
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	3,158.602	346.375	127.249	101.921	53.923	155.844	126.110	129.944	109.285	109.053	0.000	4,262.462

(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	0.027	0.030	0.031	0.038	0.033	0.041	0.043	0.037	0.039	-	0.025

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† AIRFRAME	A	0.021	138,953	2,917.939	0.024	13,061	319.459	0.026	4,259	112.176	0.027	3,259	86.724	0.027	1,419	38.073	0.027	4,678	124.797
† LASER SENSOR	A	-	-	25.131	0.013	560	7.000	-	-	0.000	-	-	0.000	0.015	1,000	15.461	0.015	1,000	15.461
ENGINEERING CHANGE ORDERS	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
<i>Total Recurring Cost</i>				2,943.070			326.459			112.176			86.724			53.534			140.258
<i>Total Hardware Cost</i>				2,943.070			326.459			112.176			86.724			53.534			140.258
Logistics Cost																			
Recurring Cost																			
TECHNICAL DATA	A	-	-	0.060	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
<i>Total Recurring Cost</i>				0.060			0.000			0.000			0.000			0.000			0.000
<i>Total Logistics Cost</i>				0.060			0.000			0.000			0.000			0.000			0.000
Ancillary Equipment Cost																			
Recurring Cost																			
TEST EQUIPMENT (CMBRE)	A	-	-	7.536	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
† AIRBORNE TEST EQUIPMENT	A	-	-	44.178	0.039	195	7.530	0.040	121	4.794	0.040	116	4.669	-	-	0.000	0.040	116	4.669
<i>Total Recurring Cost</i>				51.714			7.530			4.794			4.669			0.000			4.669
<i>Total Ancillary Equipment Cost</i>				51.714			7.530			4.794			4.669			0.000			4.669
Support Cost																			

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Exhibit P-5, Cost Analysis: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13							P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION							Item Nomenclature (Item Number, Item Name, DODIC): JOINT DIRECT ATTACK MUNITION					

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
PMA - ADVISORY & ASSISTANCE SVC (A&AS)		-	-	11.518	-	-	0.702	-	-	0.581	-	-	0.590	-	-	0.000	-	-	0.590
PMA - GOVERNMENT COSTS		-	-	21.598	-	-	1.351	-	-	1.526	-	-	1.581	-	-	0.000	-	-	1.581
ALTERNATE DISPUTE RESOLUTION		-	-	0.840	-	-	0.100	-	-	0.000	-	-	0.052	-	-	0.000	-	-	0.052
SYSTEM TEST & EVALUATION		-	-	0.222	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
TRAINING		-	-	3.791	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
PRODUCTION SUSTAINING ENGINEERING		-	-	92.035	-	-	7.043	-	-	7.053	-	-	7.448	-	-	0.000	-	-	7.448
CONTRACTOR INCENTIVE		-	-	30.044	-	-	3.190	-	-	1.119	-	-	0.857	-	-	0.389	-	-	1.246
DELIVERY ACCELERATION		-	-	2.753	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
SEEK EAGLE		-	-	0.957	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
<i>Total Support Cost</i>				<i>163.758</i>			<i>12.386</i>			<i>10.279</i>			<i>10.528</i>			<i>0.389</i>			<i>10.917</i>
Gross Weapon System Cost				3,158.602			346.375			127.249			101.921			53.923			155.844

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total Cost		
		Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† AIRFRAME	A	0.028	3,071	86.219	0.029	3,039	89.578	0.031	2,944	91.595	0.033	2,810	91.834	0.000	0	0.000	0.022	172,815	3,833.597
† LASER SENSOR	A	0.016	1,430	22.495	0.016	1,437	22.992	-	-	0.000	-	-	0.000	0.000	0	0.000	0.021	4,427	93.079
ENGINEERING CHANGE ORDERS	A	-	-	1.260	-	-	1.282	-	-	1.303	-	-	1.326	-	-	0.000	-	-	5.171
<i>Total Recurring Cost</i>				<i>109.974</i>			<i>113.852</i>			<i>92.898</i>			<i>93.160</i>			<i>0.000</i>			<i>3,931.847</i>
<i>Total Hardware Cost</i>				<i>109.974</i>			<i>113.852</i>			<i>92.898</i>			<i>93.160</i>			<i>0.000</i>			<i>3,931.847</i>
Logistics Cost																			
Recurring Cost																			
TECHNICAL DATA	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.060
<i>Total Recurring Cost</i>				<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.060</i>
<i>Total Logistics Cost</i>				<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.060</i>
Ancillary Equipment Cost																			

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Exhibit P-5, Cost Analysis: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13							P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION							Item Nomenclature (Item Number, Item Name, DODIC): JOINT DIRECT ATTACK MUNITION					

Cost Elements († indicates the presence of a P-5A)	ID CD	FY 2014			FY 2015			FY 2016			FY 2017			To Complete			Total Cost		
		Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Quantity (Each)	Total Cost (\$ M)
Recurring Cost																			
TEST EQUIPMENT (CMBRE)	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	7.536
† AIRBORNE TEST EQUIPMENT	A	0.041	147	6.021	0.042	146	6.082	0.042	146	6.184	0.043	145	6.248	0.000	0	0.000	0.084	1,016	85.706
Total Recurring Cost				6.021		6.082		6.184		6.248		0.000		0.000		93.242			
Total Ancillary Equipment Cost				6.021		6.082		6.184		6.248		0.000		0.000		93.242			
Support Cost																			
PMA - ADVISORY & ASSISTANCE SVC (A&AS)		-	-	0.601	-	-	0.611	-	-	0.621	-	-	0.632	-	-	0.000	-	-	15.856
PMA - GOVERNMENT COSTS		-	-	1.609	-	-	1.339	-	-	1.385	-	-	1.408	-	-	0.000	-	-	31.797
ALTERNATE DISPUTE RESOLUTION		-	-	0.053	-	-	0.053	-	-	0.054	-	-	0.055	-	-	0.000	-	-	1.207
SYSTEM TEST & EVALUATION		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.222
TRAINING		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	3.791
PRODUCTION SUSTAINING ENGINEERING		-	-	7.002	-	-	7.124	-	-	7.238	-	-	6.643	-	-	0.000	-	-	141.586
CONTRACTOR INCENTIVE		-	-	0.850	-	-	0.883	-	-	0.905	-	-	0.907	-	-	0.000	-	-	39.144
DELIVERY ACCELERATION		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	2.753
SEEK EAGLE		-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.957
Total Support Cost				10.115		10.010		10.203		9.645		0.000		0.000		237.313			
Gross Weapon System Cost				126.110		129.944		109.285		109.053		0.000		4,262.462					

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION	Item Nomenclature: JOINT DIRECT ATTACK MUNITION
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$ M)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†AIRFRAME		2011	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jan 2011	Apr 2012	13,061	0.024	Y		Apr 2007
†AIRFRAME		2012	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jan 2012	Oct 2013	4,259	0.026	Y		Apr 2007
†AIRFRAME		2013	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jan 2013	Apr 2014	3,259	0.027	Y		Apr 2007
†AIRFRAME	✓	2013	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jan 2013	Apr 2014	1,419	0.027	Y		Apr 2007
†AIRFRAME		2014	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jan 2014	Apr 2015	3,071	0.028	Y		Jan 2013
†AIRFRAME		2015	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jan 2015	Apr 2016	3,039	0.029	Y		Jan 2013
†AIRFRAME		2016	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jan 2016	Apr 2017	2,944	0.031	Y		Jan 2013
†AIRFRAME		2017	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jan 2017	Apr 2018	2,810	0.033	Y		Jan 2013
LASER SENSOR		2011	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Dec 2011	Apr 2012	560	0.013	Y		Oct 2011
LASER SENSOR	✓	2013	BOEING / ST. CHARLES, MO	SS / FFP	AFMC/AAC	Jul 2012	Jul 2013	1,000	0.015	Y		May 2012
LASER SENSOR		2014	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jul 2013	Jul 2014	1,430	0.016	Y		May 2013
LASER SENSOR		2015	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Jul 2014	Jul 2015	1,437	0.016	Y		May 2014
AIRBORNE TEST EQUIPMENT		2011	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Dec 2011	Apr 2013	195	0.039	Y		May 2011
AIRBORNE TEST EQUIPMENT		2012	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Aug 2012	Nov 2013	121	0.040	Y		Jan 2012
AIRBORNE TEST EQUIPMENT		2013	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Aug 2013	Nov 2014	116	0.040	Y		Jan 2013
AIRBORNE TEST EQUIPMENT		2014	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Aug 2014	Nov 2015	147	0.041	Y		Jan 2014
AIRBORNE TEST EQUIPMENT		2015	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Aug 2015	Nov 2016	146	0.042	Y		Jan 2015
AIRBORNE TEST EQUIPMENT		2016	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Aug 2016	Nov 2017	146	0.042	Y		Jan 2016
AIRBORNE TEST EQUIPMENT		2017	BOEING / ST CHARLES, MO	SS / FFP	AFMC/AAC	Aug 2017	Nov 2018	145	0.043	Y		Jan 2017

Remarks:

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Exhibit P-21, Budget Production Schedule: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION	Item Nomenclature: JOINT DIRECT ATTACK MUNITION
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COST ELEMENTS Units in Each							Fiscal Year 2012													Fiscal Year 2013												
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2012													Calendar Year 2013												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	
AIRFRAME																																
	1	2011	AF	13061	0	13061	-	-	-	-	-	-	195	250	400	500	700	700	750	750	533	850	950	904	350	252	300	300	400	450	3527	
	1	2012	AF	4259	0	4259	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4259	
	1	2013	AF	3259	0	3259	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	3259	
✓	1	2013	AF	1419	0	1419	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	1419	
	1	2014	AF	3071	0	3071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3071	
	1	2015	AF	3039	0	3039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3039	
	1	2016	AF	2944	0	2944	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2944	
	1	2017	AF	2810	0	2810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2810	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

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Exhibit P-21, Budget Production Schedule: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION	Item Nomenclature: JOINT DIRECT ATTACK MUNITION
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COST ELEMENTS Units in Each							Fiscal Year 2014										Fiscal Year 2015															
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2014										Calendar Year 2015										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
AIRFRAME																																
	1	2011	AF	13061	9534	3527	455	450	416	1041	950	215																				
	1	2012	AF	4259	0	4259	200	200	235	946	950	917	411	400																		
	1	2013	AF	3259	0	3259	-	-	-	-	-	-	251	210	210	229	260	260	160	232	360	330	330	427								
✓	1	2013	AF	1419	0	1419	-	-	-	-	-	-	120	120	120	131	100	100	200	228	100	100	100									
	1	2014	AF	3071	0	3071	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	270	270	270	270	270	270	1451
	1	2015	AF	3039	0	3039	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	3039	
	1	2016	AF	2944	0	2944	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2944	
	1	2017	AF	2810	0	2810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2810	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		

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Exhibit P-21, Budget Production Schedule: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION	Item Nomenclature: JOINT DIRECT ATTACK MUNITION
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COST ELEMENTS Units in Each							Fiscal Year 2016										Fiscal Year 2017																
O C O	MFR Ref #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017										B A L						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P		
AIRFRAME																																	
	1	2011	AF	13061	13061	0																											
	1	2012	AF	4259	4259	0																											
	1	2013	AF	3259	3259	0																											
✓	1	2013	AF	1419	1419	0																											
	1	2014	AF	3071	1620	1451	270	270	270	270	270	101																					
	1	2015	AF	3039	0	3039	-	-	-	-	-	-	250	250	250	250	250	250	250	250	250	300	239										
	1	2016	AF	2944	0	2944	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	195	195	195	195	195	195	1774
	1	2017	AF	2810	0	2810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2810	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Budget Production Schedule: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION	Item Nomenclature: JOINT DIRECT ATTACK MUNITION
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COST ELEMENTS Units in Each							Fiscal Year 2018										Fiscal Year 2019													
O C O	MFR Ref #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	Calendar Year 2018										Calendar Year 2019										B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G
AIRFRAME																														
	1	2011	AF	13061	13061	0																								
	1	2012	AF	4259	4259	0																								
	1	2013	AF	3259	3259	0																								
✓	1	2013	AF	1419	1419	0																								
	1	2014	AF	3071	3071	0																								
	1	2015	AF	3039	3039	0																								
	1	2016	AF	2944	1170	1774	195	195	195	395	405	389																		
	1	2017	AF	2810	0	2810	-	-	-	-	-	-	220	220	220	245	420	420	170	170	170	170	170	170	170	170	215			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P

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Exhibit P-21, Budget Production Schedule: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 13	P-1 Line Item Nomenclature: 5 - JOINT DIRECT ATTACK MUNITION	Item Nomenclature: JOINT DIRECT ATTACK MUNITION

MFR Ref #	MFR Name - Location	PRODUCTION RATES (Units/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	3250	15840	16800	0	0	0	0	0	0	4	16	20

Remarks:
 ‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. Additionally, deliveries for such components are not shown in this exhibit if they occur after the last delivery for the budgeting component. See the respective components' exhibits for details, including the full delivery schedule.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B

P-1 Line Item Nomenclature:
6 - CAD/PAD

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	0	-	-	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	0.000	36.812	42.410	43.829	2.638	46.467	44.379	45.807	46.938	47.690	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	36.812	42.410	43.829	2.638	46.467	44.379	45.807	46.938	47.690	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	36.812	42.410	43.829	2.638	46.467	44.379	45.807	46.938	47.690	Continuing	Continuing

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

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

Description:

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. Aircraft operational availability is directly impacted if replacement CAD/PAD assets are not available to meet specific "time-change" requirements as based on life-expiration of the installed devices.

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
CAD/PAD (See enclosed P-40A)	P40A				0.000			36.812			42.410			43.829			2.638			46.467
Total Gross/Weapon System Cost					0.000			36.812			42.410			43.829			2.638			46.467

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

Justification:

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

FY2013 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B		P-1 Line Item Nomenclature: 6 - CAD/PAD
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<p>Representative items requested in FY2013 are identified on the following P-40A. Items procured during execution may change based on the most critical equipment needed to support current Air Force mission requirements.</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 15

P-1 Line Item Nomenclature:
6 - CAD/PAD

Aggregated Item Name:
CAD/PAD

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
BOMBER AIRCRAFT	A	-	-	0.000	-	-	8.321	-	-	7.200	-	-	7.539	-	-	0.000	-	-	7.539
CARGO AIRCRAFT	A	-	-	0.000	-	-	4.869	-	-	4.700	-	-	5.040	-	-	0.000	-	-	5.040
FIGHTER AIRCRAFT	A	-	-	0.000	-	-	6.309	-	-	6.500	-	-	6.800	-	-	0.000	-	-	6.800
TRAINING AIRCRAFT	A	-	-	0.000	-	-	10.910	-	-	17.210	-	-	17.500	-	-	0.000	-	-	17.500
COMMON EGRESS ITEMS	A	-	-	0.000	-	-	2.106	-	-	2.250	-	-	2.350	-	-	2.638	-	-	4.988
COMMON LIFE SUPPORT ITEMS	A	-	-	0.000	-	-	2.106	-	-	2.250	-	-	2.250	-	-	0.000	-	-	2.250
COMMON MISC ITEMS	A	-	-	0.000	-	-	2.191	-	-	2.300	-	-	2.350	-	-	0.000	-	-	2.350
<i>Subtotal Uncategorized</i>				0.000			36.812			42.410			43.829			2.638			46.467
Total				0.000			36.812			42.410			43.829			2.638			46.467

Remarks:

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B

P-1 Line Item Nomenclature:
7 - EXPLOSIVES 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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	0	-	-	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	0.000	3.364	4.319	7.515	0.000	7.515	7.531	8.098	8.210	8.355	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	3.364	4.319	7.515	0.000	7.515	7.531	8.098	8.210	8.355	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	3.364	4.319	7.515	0.000	7.515	7.531	8.098	8.210	8.355	Continuing	Continuing

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

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

Description:

FY2012 funding includes \$1.200M of requested Overseas Contingency Operations supplemental funding.

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).

PE associated with this P-1 Line is 0208028F.

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
EXPLOSIVES ORDNANCE DISPOSAL (EOD) (See enclosed P-40A)	P40A				0.000			3.364			4.319			7.515			0.000			7.515
Total Gross/Weapon System Cost					0.000			3.364			4.319			7.515			0.000			7.515

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

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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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B		P-1 Line Item Nomenclature: 7 - EXPLOSIVES ORDNANCE DISPOSAL (EOD)
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
<p>Items requested in FY2013 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.</p>		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 15

P-1 Line Item Nomenclature:
7 - EXPLOSIVES ORDNANCE DISPOSAL (EOD)

Aggregated Item Name:
EXPLOSIVES ORDNANCE DISPOSAL (EOD)

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
(A606) - 50 CAL API	A	-	-	0.000	-	-	0.000	13.77	726	0.010	-	-	0.000	-	-	0.000	-	-	0.000
(AA63) - MK275 AVON	A	-	-	0.000	-	-	0.000	5.06	988	0.005	-	-	0.000	-	-	0.000	-	-	0.000
(AA64) - MK276 POPPER (AA64)	A	-	-	0.000	-	-	0.000	1.07	1,869	0.002	-	-	0.000	-	-	0.000	-	-	0.000
(AA66) - MEDIUM VELOCITY BLANK	A	-	-	0.000	-	-	0.000	1.86	1,075	0.002	-	-	0.000	-	-	0.000	-	-	0.000
(DWEC) - ENHANCED BLANK, MK 277	A	-	-	0.000	-	-	0.000	3.60	1,667	0.006	-	-	0.000	-	-	0.000	-	-	0.000
(DWED) - STEEL SLUG, MK 279	A	-	-	0.000	-	-	0.000	5.67	529	0.003	-	-	0.000	-	-	0.000	-	-	0.000
(DWEE) - ALUMINUM SLUG, MK 280	A	-	-	0.000	-	-	0.000	7.96	377	0.003	-	-	0.000	-	-	0.000	-	-	0.000
(M023) - CHARGE, DEMOLITION C4-M112	A	-	-	0.000	33.78	51,511	1.740	20.47	97,704	2.000	39.33	76,278	3.000	-	-	0.000	39.33	76,278	3.000
(M032) - CHG DEMO TNT 1 LB	A	-	-	0.000	19.02	1,104	0.021	6.98	4,298	0.030	7.05	2,979	0.021	-	-	0.000	7.05	2,979	0.021
(M097) - INERT, NON-ELECTRIC CAP	A	-	-	0.000	-	-	0.000	-	-	0.000	8.00	2,500	0.020	-	-	0.000	8.00	2,500	0.020
(M130) - CAP BLASTING ELECTRIC M6	A	-	-	0.000	25.66	1,520	0.039	1,000.00	20	0.020	3.69	11,924	0.044	-	-	0.000	3.69	11,924	0.044
(M131) - CAP, BLASTING NON-ELECTRIC-M7	A	-	-	0.000	-	-	0.000	-	-	0.000	4.00	10,250	0.041	-	-	0.000	4.00	10,250	0.041
(M456) - CORD ASBLY DETONATING	A	-	-	0.000	2,000.00	1	0.002	0.59	33,898	0.020	-	-	0.000	-	-	0.000	-	-	0.000
(M482) - CONTAINER SHAPE CHARGE, MK7 MOD6	A	-	-	0.000	-	-	0.000	-	-	0.000	3.50	2,857	0.010	-	-	0.000	3.50	2,857	0.010
(M587) - DYNAMITE, NITRO GLYCERIN	A	-	-	0.000	-	-	0.000	2.34	427	0.001	2.39	418	0.001	-	-	0.000	2.39	418	0.001
(M670) - FUZE BLASTING TIME	A	-	-	0.000	-	-	0.000	0.38	197,368	0.075	0.60	833,333	0.500	-	-	0.000	0.60	833,333	0.500

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 15

P-1 Line Item Nomenclature:
7 - EXPLOSIVES ORDNANCE DISPOSAL (EOD)

Aggregated Item Name:
EXPLOSIVES ORDNANCE DISPOSAL (EOD)

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(M757) - CHARGE ASBLY DEMO M183 COMP 4	A	-	-	0.000	124,000.00	1	0.124	2,011.11	270	0.543	-	-	0.000	-	-	0.000	-	-	0.000
(M980) - DETA SHEET	A	-	-	0.000	-	-	0.000	33.90	295	0.010	98.08	2,651	0.260	-	-	0.000	98.08	2,651	0.260
(ML47) - B CAP W/30 FT SHOCK TUBE	A	-	-	0.000	18.52	540	0.010	18.25	548	0.010	31.38	478	0.015	-	-	0.000	31.38	478	0.015
(MM53) - DEMO ECT, MK145, 2400GPF	A	-	-	0.000	-	-	0.000	-	-	0.000	75.47	795	0.060	-	-	0.000	75.47	795	0.060
(MM54) - EXPLOSIVE CUTTING TAPE	A	-	-	0.000	103.47	1,440	0.149	112.95	1,328	0.150	-	-	0.000	-	-	0.000	-	-	0.000
(MN06) - M14 SET UP, N/E CAP WITH TIME FUSE	A	-	-	0.000	-	-	0.000	-	-	0.000	9.00	5,556	0.050	-	-	0.000	9.00	5,556	0.050
(MN07) - N/E 70FT DELAY SHOCK TUBE	A	-	-	0.000	-	-	0.000	18.01	833	0.015	18.66	1,072	0.020	-	-	0.000	18.66	1,072	0.020
(MN08) - IGNITER TIME BLASTING	A	-	-	0.000	-	-	0.000	15.53	2,575	0.040	8.58	58,275	0.500	-	-	0.000	8.58	58,275	0.500
(MN82) - SEMTEX A	A	-	-	0.000	25.00	1,400	0.035	17.24	2,030	0.035	-	-	0.000	-	-	0.000	-	-	0.000
(MN85) - DYNAMITE, 75% AMMON NITRATE	A	-	-	0.000	-	-	0.000	2.01	995	0.002	2.18	1,376	0.003	-	-	0.000	2.18	1,376	0.003
(MN88) - SHOCK TUBE W/ BLASTING CAP 500	A	-	-	0.000	64.07	6,181	0.396	51.99	1,731	0.090	55.47	40,202	2.230	-	-	0.000	55.47	40,202	2.230
(MN90) - M-13 1,000 FT SHOCK TUBE W/CAP M23	A	-	-	0.000	65.66	1,523	0.100	60.40	1,490	0.090	61.12	9,817	0.600	-	-	0.000	61.12	9,817	0.600
(MY77) - EXPLOSIVE WATER GEL	A	-	-	0.000	-	-	0.000	4.25	471	0.002	7.04	2,841	0.020	-	-	0.000	7.04	2,841	0.020
(YY34) - SHOCK TUBE	A	-	-	0.000	0.08	250,000	0.020	0.08	250,000	0.020	0.09	235,294	0.020	-	-	0.000	0.09	235,294	0.020
HOOK & LINE	A	-	-	0.000	5,500.00	16	0.088	5,000.00	4	0.020	-	-	0.000	-	-	0.000	-	-	0.000
MINI MINE DETECTOR	A	-	-	0.000	-	-	0.000	5,000.00	6	0.030	-	-	0.000	-	-	0.000	-	-	0.000
MINI REMOTE FIRING DEVICE	A	-	-	0.000	-	-	0.000	50,000.00	8	0.400	-	-	0.000	-	-	0.000	-	-	0.000

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15					P-1 Line Item Nomenclature: 7 - EXPLOSIVES ORDNANCE DISPOSAL (EOD)									Aggregated Item Name: EXPLOSIVES ORDNANCE DISPOSAL (EOD)					

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
MK 26 MOD 1	A	-	-	0.000	-	-	0.000	15,789.47	19	0.300	-	-	0.000	-	-	0.000	-	-	0.000
PORTABLE X-RAY SYSTEM	A	-	-	0.000	-	-	0.000	5,263.16	19	0.100	-	-	0.000	-	-	0.000	-	-	0.000
RT 4 N/L	A	-	-	0.000	-	-	0.000	25,000.00	4	0.100	-	-	0.000	-	-	0.000	-	-	0.000
Pan Disruptor	A	-	-	0.000	3,833.33	30	0.115	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
VEHICLE ACCESS KIT	A	-	-	0.000	-	-	0.000	3,333.33	3	0.010	-	-	0.000	-	-	0.000	-	-	0.000
EMERGING REQUIREMENTS (UNIDENTIFIED)	A	-	-	0.000	525,000.00	1	0.525	175,000.00	1	0.175	100,000.00	1	0.100	-	-	0.000	100,000.00	1	0.100
FOREIGN ORDNANCE TRAINING AIDS	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
<i>Subtotal Uncategorized</i>				<i>0.000</i>			<i>3.364</i>			<i>4.319</i>			<i>7.515</i>			<i>0.000</i>			<i>7.515</i>
Total				0.000			3.364			4.319			7.515			0.000			7.515

Remarks:

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B

P-1 Line Item Nomenclature:
8 - SPARES AND REPAIR PARTS

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	0	-	-	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	0.000	0.994	0.998	1.003	0.000	1.003	0.499	0.506	0.518	0.526	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	0.994	0.998	1.003	0.000	1.003	0.499	0.506	0.518	0.526	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.994	0.998	1.003	0.000	1.003	0.499	0.506	0.518	0.526	Continuing	Continuing

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

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

Description:

This 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.

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

Item Schedule		Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
SPARES AND REPAIR PARTS (See enclosed P-40A)	P40A				0.000			0.994			0.998			1.003			0.000			1.003
Total Gross/Weapon System Cost					0.000			0.994			0.998			1.003			0.000			1.003

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

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.

Items requested in FY2013 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force Mission requirements.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 8 - SPARES AND REPAIR PARTS	Aggregated Item Name: SPARES AND REPAIR PARTS
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
<i>(Uncategorized)</i>																			
MISC. LOW COST INITIAL SPARES	A	-	-	0.000	-	-	0.994	-	-	0.998	-	-	1.003	-	-	0.000	-	-	1.003
<i>Subtotal Uncategorized</i>				0.000			0.994			0.998			1.003			0.000			1.003
Total				0.000			0.994			0.998			1.003			0.000			1.003

Remarks:

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B

P-1 Line Item Nomenclature:
 9 - 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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	1.106	1.132	5.321	0.000	5.321	1.182	1.223	1.253	1.273	-	12.490
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	1.106	1.132	5.321	0.000	5.321	1.182	1.223	1.253	1.273	-	12.490
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	1.106	1.132	5.321	0.000	5.321	1.182	1.223	1.253	1.273	-	12.490

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

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

Description:

This budget line 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 FY2013 funding request reflects estimated costs based on historical funding requirements and projected future requirements.

FY2013 funding increased \$4.158M for MOP enhancements.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B

P-1 Line Item Nomenclature:
10 - 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:**

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	4.987	5.075	5.066	2.600	7.666	5.129	5.292	5.423	5.508	-	39.080
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	4.987	5.075	5.066	2.600	7.666	5.129	5.292	5.423	5.508	-	39.080
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	4.987	5.075	5.066	2.600	7.666	5.129	5.292	5.423	5.508	-	39.080

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

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

Description:

This category includes various munitions items to support air base ground defense, air rescue and aircrew/ground training. All items have an annual procurement value of less than \$5 million and are code A.

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
ITEMS LESS THAN \$5 MILLION (See enclosed P-40A)	P40A				0.000			4.987			5.075			5.066			2.600			7.666
Total Gross/Weapon System Cost					-			4.987			5.075			5.066			2.600			7.666

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

Justification:

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

FY 2013 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

Items requested in FY2013 are identified on the following P-40A. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15 **P-1 Line Item Nomenclature:** 10 - ITEMS LESS THAN \$5 MILLION **Aggregated Item Name:** ITEMS LESS THAN \$5 MILLION

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
(G878) FUZE, GRENADE HAND, PRAC	A	-	-	0.000	4,138.89	36	0.149	6.48	18,519	0.120	9.12	16,447	0.150	-	-	0.000	9.12	16,447	0.150
(G881) GRN, HAND PRAC M228	A	-	-	0.000	-	-	0.000	-	-	0.000	46.82	6,408	0.300	-	-	0.000	46.82	6,408	0.300
(G940) GRENADE, SMOKE, GREEN M18	A	-	-	0.000	48.95	31,685	1.551	53.61	20,071	1.076	52.99	15,720	0.833	-	-	0.000	52.99	15,720	0.833
(G945) GRENADE, SMOKE, YELLOW	A	-	-	0.000	49.05	30,400	1.491	54.61	19,612	1.071	55.00	5,455	0.300	-	-	0.000	55.00	5,455	0.300
(G950) GRENADE, SMOKE, RED	A	-	-	0.000	-	-	0.000	54.61	13,935	0.761	59.10	846	0.050	-	-	0.000	59.10	846	0.050
(G955) GRENADE, SMOKE, VIOLET M18	A	-	-	0.000	-	-	0.000	59.16	8,452	0.500	57.98	4,312	0.250	-	-	0.000	57.98	4,312	0.250
(GG04) GRENADE, NON-LETHAL MODEL 9590	A	-	-	0.000	30.70	6,417	0.197	31.02	1,934	0.060	38.64	2,588	0.100	-	-	0.000	38.64	2,588	0.100
(GG09) GRENADE, HAND NON-LETHAL	A	-	-	0.000	76.76	3,309	0.254	-	-	0.000	155.73	11,764	1.832	86.58	30,030	2.600	106.04	41,794	4.432
(KM01) PEPPER SPRAY, 2.1S	A	-	-	0.000	11.27	2,929	0.033	11.14	2,513	0.028	11.27	6,211	0.070	-	-	0.000	11.27	6,211	0.070
(KM02) PEPPER SPRAY, POCKET	A	-	-	0.000	9.38	2,559	0.024	-	-	0.000	9.38	3,198	0.030	-	-	0.000	9.38	3,198	0.030
(L594) SIMULATOR, GROUND BURST M115A2	A	-	-	0.000	16.34	34,692	0.567	25.99	18,469	0.480	20.94	21,490	0.450	-	-	0.000	20.94	21,490	0.450
(L601) SIMULATOR, HAND GRENADE M116A1	A	-	-	0.000	-	-	0.000	26.40	9,470	0.250	17.49	5,718	0.100	-	-	0.000	17.49	5,718	0.100
NUCLEAR TRAINERS	A	-	-	0.000	-	-	0.721	-	-	0.729	-	-	0.601	-	-	0.000	-	-	0.601
<i>Subtotal Uncategorized</i>				0.000			4.987			5.075			5.066			2.600			7.666
Total				0.000			4.987			5.075			5.066			2.600			7.666

Remarks:

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B

P-1 Line Item Nomenclature:
11 - FLARES (OVERVIEW)

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	0	-	-	-	-	-	-	-	-	-	Continuing	Continuing
Gross/Weapon System Cost (\$ in Millions)	0.000	93.018	57.966	46.010	11.726	57.736	50.004	81.772	97.988	99.531	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	0.000	93.018	57.966	46.010	11.726	57.736	50.004	81.772	97.988	99.531	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	93.018	57.966	46.010	11.726	57.736	50.004	81.772	97.988	99.531	Continuing	Continuing
<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)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

FY2011 funding includes \$20.486M of appropriated Overseas Contingency Operations supplemental funding. This includes \$0.176M reprogrammed in support of Operation ODYSSEY DAWN.

FY2012 funding includes \$11.217M of requested Overseas Contingency Operations supplemental funding.

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

- MJU-50/B Flare (LA19): A pyrophoric decoy developed as an advanced infrared countermeasure to defeat advanced-technology missile threats. The MJU-50 is termed a "covert" decoy because of the low-level of visible light it emits during ignition and burn. This flare's light intensity minimizes aircraft exposure to enemy ground monitoring and attack, and does not blind a pilot wearing night vision goggles. The MJU-50 flare was developed for the C-130 and is used on A-10 aircraft, HH-53 and HH-60 helicopters. This item is currently procured through the Ogden Air Logistics Center. FY2011 funding includes \$3.933M of appropriated Overseas Contingency Operations supplemental funding.

- MJU-64/B (LA43) (replaces the M211): 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 Air Logistics Center from the Navy. FY2011 funding includes \$4.746M of appropriated Overseas Contingency Operations supplemental funding.

- MJU-23 (L462): An infrared countermeasure flare used on the B-1B aircraft against heat seeking missiles. The MJU-23 flare includes a specially designed high ejection cartridge (BBU-46) that propels the burning flare pellet upward with sufficient velocity to clear the aircraft during high speed, low level flight. This item is procured by the Air Force, through the Ogden Air Logistics Center. FY2011 funding includes \$1.373M of appropriated Overseas Contingency Operations supplemental funding.

- MJU-39/B and MJU-40/B Magnesium Based Kinematic Infrared (IR) Counter-Measure Flares (LA32/LA33): Consist of an aluminum case, crimped on aluminum end cap, plastic piston, sequencer device, flare body with nozzle and shroud. The MJU-39/B is dispensed by the ALE-52 and ignited in flight by a BBU-59/B impulse cartridge. The MJU-40/B is also dispensed by the ALE-52, but ignited in flight by a BBU-36/ B impulse cartridge. These flares are designed to meet F-22 unique requirements. This item is procured through the Ogden Air Logistics Center but is scheduled to transition procurement to the Single Manager for Conventional Ammunition in 2013.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B

P-1 Line Item Nomenclature:
11 - FLARES (OVERVIEW)

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

- ALA-17C IR Countermeasure Flare (LY12): A two cartridge flare consisting of an upper and lower pellet contained in an 11 and inch by 2 and inch diameter aluminum housing (cartridge case). This flare is used to defeat missile threats on the B-52 bomber aircraft. Eight double pellet flare cartridges are installed in an ALA-17 flare rack that is loaded on the B-52 bomber in an AN/ALE-20 ejector seat or dispenser. The bottom flare pellet is deployed first and then the upper flare pellet. Both pellets are ignited and deployed into the B-52 air stream by the use of two internal individual squibs. This item is currently procured through the Ogden Air Logistics Center.

- Items Less Than Five Million Dollars: All items have an annual procurement of less than \$5,000,000 and are Code A. FY2011 funding includes \$1.374M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$3.054M of requested Overseas Contingency Operations supplemental funding.

- M206 (L410): 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 Army Single Manager for Conventional Ammunition (SMCA). FY2011 funding includes \$5.958M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$2.287M of requested Overseas Contingency Operations supplemental funding.

- MJU-7A/B (L463): An infrared countermeasures flare used by F-15 and F-16 aircraft against heat seeking missiles. It is dispensed from ALE-40 countermeasure dispensers. The MJU-7A/B flare is a pyrotechnic candle that creates an infrared signature, acting as a decoy against heat seeking missiles. The flare candle is ejected from the dispenser by a small explosive cartridge (BBU-36/B Impulse Cartridge) contained in the flare case. This item is procured through the Army Single Manager for Conventional Ammunition. FY2011 funding includes \$1.792M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$1.094M of requested Overseas Contingency Operations supplemental funding.

- MJU-10/B (L461): An infrared countermeasure flare used by A-10, F-15 and F-16 aircraft against heat seeking missiles. It is dispensed from the AN/ALE-45. This flare is approximately twice the size of the MJU-7/B flare which is used on F-15 and F-16 aircraft. This item is procured through the Army Single Manager for Conventional Ammunition. FY2011 funding includes \$1.310M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$4.782M of requested Overseas Contingency Operations supplemental funding.

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
FLARES (MJU-50 FLARE - LA19) (See enclosed P-40A)	P40A, P5A				0.000			7.940			0.000			0.000			1.604			1.604
FLARES (MJU-64 IR CM FLARE - LA43) (See enclosed P-40A)	P40A, P5A				0.000			13.474			5.400			5.400			3.762			9.162
CLC FLARES (MJU-23 FLARE - L462) (See enclosed P-40A)	P40A, P5A				0.000			4.605			0.000			0.000			0.284			0.284
FLARES (MJU-39/40-ACFT FLARE - LA32/LA33) (See enclosed P-40A)	P40A, P5A				0.000			17.224			6.171			0.000			0.000			0.000
FLARES (ALA-17C FLARE - LY12) (See enclosed P-40A)	P40A, P5A				0.000			8.702			0.000			0.000			0.000			0.000

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
 3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 15 : Flare, IR MJU-7B

P-1 Line Item Nomenclature:
 11 - FLARES (OVERVIEW)

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
FLARES (ITEMS LESS THAN \$5 MILLION) (See enclosed P-40A)	P40A			0.000			3.321			11.042			5.300			2.509			7.809	
FLARES (M206 FLARE - L410)	P5, P5A		-	0	0.000	-	-	21.879	-	-	13.811	-	-	16.345	-	-	2.302	-	-	18.647
FLARES (MJU-7A/B IR FLARE - L463)	P5, P5A		-	0	0.000	-	-	13.261	-	-	7.155	-	-	11.768	-	-	0.688	-	-	12.456
CLC FLARES (MJU-10 FLARE - L461)	P5, P5A		-	-	-	-	-	2.612	-	-	14.387	-	-	7.197	-	-	0.577	-	-	7.774
Total Gross/Weapon System Cost				0.000			93.018			57.966			46.010			11.726			57.736	

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

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.

FY2013 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

Items requested in FY2013 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical equipment needed to support current Air Force mission requirements.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15 **P-1 Line Item Nomenclature:** 11 - FLARES (OVERVIEW) **Aggregated Item Name:** FLARES (MJU-50 FLARE - LA19)

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
SUBTOTAL RECURRING HARDWARE COST																			
† MJU-50 FLARE (LA19)	A	-	-	0.000	60.30	131,675	7.940	-	-	0.000	-	-	0.000	62.00	25,871	1.604	62.00	25,871	1.604
<i>Subtotal SUBTOTAL RECURRING HARDWARE COST</i>				<i>0.000</i>			<i>7.940</i>			<i>0.000</i>			<i>0.000</i>			<i>1.604</i>			<i>1.604</i>
Total				0.000			7.940			0.000			0.000			1.604			1.604

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Aggregated Item Name: FLARES (MJU-50 FLARE - LA19)
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Items <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
SUBTOTAL RECURRING HARDWARE COST												
MJU-50 FLARE (LA19)		2009	ALLOY SURFACES / ASTON, PA	SS / FFP	AFMC/OO-ALC	Feb 2010	Sep 2011	51,876	60.62	Y		
MJU-50 FLARE (LA19)		2011	UNKNOWN / UNKNOWN	C / FFP	AFMC/OO-ALC	Feb 2012	Mar 2013	131,675	60.30	Y		
MJU-50 FLARE (LA19)	✓	2013	UNKNOWN / UNKNOWN	C / FFP	AFMC/OO-ALC	Mar 2013	Mar 2014	25,871	62.00	Y		

Remarks:
 The footnote below applies to the following items: MJU-50 FLARE (LA19):
 FY2009 procurement was delayed due to contracting issues when attempting to secure an IDIQ award. Strategy changed to a single year, firm fixed price contract.
 The footnote below applies to the following items: MJU-50 FLARE (LA19):
 FY2011 procurement will be a new basic contract with at least 4 option years.
 The footnote below applies to the following items: MJU-50 FLARE (LA19):
 FY2012 procurement will be an option of the FY2011 Basic contract.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 15

P-1 Line Item Nomenclature:
11 - FLARES (OVERVIEW)

Aggregated Item Name:
FLARES (MJU-64 IR CM FLARE - LA43)

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
TOTAL RECURRING HARDWARE COST																			
† MJU-64 IR CM FLARE - LA43	A	-	-	0.000	86.00	156,674	13.474	87.00	62,068	5.400	88.00	61,364	5.400	88.00	42,750	3.762	88.00	104,114	9.162
<i>Subtotal TOTAL RECURRING HARDWARE COST</i>				<i>0.000</i>			<i>13.474</i>			<i>5.400</i>			<i>5.400</i>			<i>3.762</i>			<i>9.162</i>
Total				0.000			13.474			5.400			5.400			3.762			9.162

Remarks:

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15 **P-1 Line Item Nomenclature:** 11 - FLARES (OVERVIEW) **Aggregated Item Name:** FLARES (MJU-64 IR CM FLARE - LA43)

Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
TOTAL RECURRING HARDWARE COST												
MJU-64 IR CM FLARE - LA43		2010	ALLOY SURFACES / CHESTER TOWNSHIP, PA	MIPR	AFMC/OO-ALC	Mar 2010	Mar 2011	228,168	86.00	Y		
MJU-64 IR CM FLARE - LA43		2011	UNKNOWN / UNKNOWN	MIPR	AFMC/OO-ALC	Mar 2012	Mar 2013	156,674	86.00	Y		
MJU-64 IR CM FLARE - LA43		2012	UNKNOWN / UNKNOWN	MIPR	AFMC/OO-ALC	Mar 2012	Mar 2013	62,068	87.00	Y		
MJU-64 IR CM FLARE - LA43		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/OO-ALC	Mar 2013	Mar 2014	61,364	88.00	Y		
MJU-64 IR CM FLARE - LA43	✓	2013	UNKNOWN / UNKNOWN	MIPR	AFMC/OO-ALC	Mar 2013	Mar 2014	42,750	88.00	Y		

Remarks:
 The footnote below applies to the following items: MJU-64 IR CM FLARE - LA43:
 FY2010 procurement will be a single-year, Sole Source contract. The purpose of single-year contract is to execute FY2010 funds, while waiting to complete the transition of procurement responsibilities to the Single Manager for Conventional Ammunition (SMCA), Army.
 The footnote below applies to the following items: MJU-64 IR CM FLARE - LA43:
 FY2011 procurement is being placed on an open commercial contract being administered by the Navy. The SMCA/Army has not been able to establish a contract with Alloy in a timely manner.
 The footnote below applies to the following items: MJU-64 IR CM FLARE - LA43:
 The Navy will establish an an IDIQ contract with at least 2 ordering periods. The SMCA will not able to support the AF with procurement responsibilities through FY2013.
 The footnote below applies to the following items: MJU-64 IR CM FLARE - LA43:
 FY2013 procurement will be placed on a contract being administered by the Navy.
 The footnote below applies to the following items: MJU-64 IR CM FLARE - LA43:
 FY2013 OCO procurement will be placed on a contract being administered by the Navy.

UNCLASSIFIED

Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Aggregated Item Name: CLC FLARES (MJU-23 FLARE - L462)
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
SUBTOTAL RECURRING HARDWARE COST																			
† MJU-23 FLARE - L462	A	-	-	0.000	610.99	7,537	4.605	-	-	0.000	-	-	0.000	616.05	461	0.284	616.05	461	0.284
<i>Subtotal SUBTOTAL RECURRING HARDWARE COST</i>				<i>0.000</i>			<i>4.605</i>			<i>0.000</i>			<i>0.000</i>			<i>0.284</i>			<i>0.284</i>
Total				0.000			4.605			0.000			0.000			0.284			0.284

Remarks:

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Aggregated Item Name: CLC FLARES (MJU-23 FLARE - L462)
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Items <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
SUBTOTAL RECURRING HARDWARE COST												
MJU-23 FLARE - L462		2010	ARMTEC / CAMDEN, AR	C / IDIQ	AFMC/OO-ALC	Jun 2010	May 2013	18,328	597.00	Y		
MJU-23 FLARE - L462		2011	ARMTEC / CAMDEN, AR	C / BA	AFMC/OO-ALC	Jul 2011	Oct 2015	7,537	610.99	Y		
MJU-23 FLARE - L462	✓	2013	ARMTEC / CAMDEN, AR	C / BA	AFMC/OO-ALC	Jul 2013	Oct 2016	461	616.05	Y		

Remarks:
 The footnote below applies to the following items: MJU-23 FLARE - L462:
 FY2010 procurement is a new IDIQ Basic Contract with 4 additional ordering years.
 The footnote below applies to the following items: MJU-23 FLARE - L462:
 FY2011 procurement is an option off the FY2010 Basic IDIQ.
 The footnote below applies to the following items: MJU-23 FLARE - L462:
 FY2013 procurement is the final option off the FY2010 Basic IDIQ.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force										Date: February 2012		
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15				P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)					Aggregated Item Name: FLARES (MJU-39/40-ACFT FLARE - LA32/LA33)			
Items <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
SUBTOTAL RECURRING HARDWARE COST												
MJU-39/40-ACFT FLARE - LA32/33		2010	Kilgore / Toone, TN	C / BA	AFMC/OO-ALC	Mar 2010	Mar 2011	23,474	1,405.49	Y		
MJU-39/40-ACFT FLARE - LA32/33		2011	Kilgore / Toone, TN	C / TBD	AFMC/OO-ALC	Mar 2011	Mar 2012	12,132	1,419.72	Y		
MJU-39/40-ACFT FLARE - LA32/33		2012	Kilgore / Toone, TN	C / TBD	AFMC/OO-ALC	Mar 2012	Mar 2013	4,209	1,466.14	Y		
Remarks: The footnote below applies to the following items: MJU-39/40-ACFT FLARE - LA32/33: FY2010 procurement will be an option of the FY2009 basic contract which has at least 3 option years. The footnote below applies to the following items: MJU-39/40-ACFT FLARE - LA32/33: FY2011 procurement will be an option of the FY2009 basic contract which has at least 3 option years. The footnote below applies to the following items: MJU-39/40-ACFT FLARE - LA32/33: FY2012 procurement will be the final option of the FY2009 basic contract.												

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Aggregated Item Name: FLARES (ALA-17C FLARE - LY12)
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Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
SUBTOTAL RECURRING HARDWARE COST																			
† ALA-17C FLARE - LY12	A	-	-	0.000	582.19	14,947	8.702	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
<i>Subtotal SUBTOTAL RECURRING HARDWARE COST</i>				<i>0.000</i>			<i>8.702</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>			<i>0.000</i>
Total				0.000			8.702			0.000			0.000			0.000			0.000

Remarks:

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Aggregated Item Name: FLARES (ALA-17C FLARE - LY12)
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Items <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
SUBTOTAL RECURRING HARDWARE COST												
ALA-17C FLARE - LY12		2011	UNKNOWN / UNKNOWN	C / FFP	AFMC/OO-ALC	Mar 2012	Apr 2013	14,947	582.19	Y		

Remarks:
 The footnote below applies to the following items: ALA-17C FLARE - LY12:
 FY2011 procurement has been delayed pending new contracting efforts.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 1 / BSA 15

P-1 Line Item Nomenclature:
11 - FLARES (OVERVIEW)

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

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
(L119) SIGNAL, PERSONNEL DISTRESS (will become LA60)	A	-	-	0.000	87.94	7,198	0.633	122.51	14,912	1.827	-	-	0.000	-	-	0.000	-	-	0.000
(L283) SIGNAL, SMOKE & ILLUM, MARINE MK13	A	-	-	0.000	59.38	2,223	0.132	59.98	19,262	1.155	-	-	0.000	-	-	0.000	-	-	0.000
(L440) LUU-2 FLARE, ACFT PARA	A	-	-	0.000	1,000.00	8	0.008	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
(L554) MARKER, LOCATION MARINE MK25	A	-	-	0.000	-	-	0.000	286.58	3,049	0.874	-	-	0.000	416.67	12	0.005	416.67	12	0.005
(LA15) FLARE, ACFT COUNTERMEASURE M212	A	-	-	0.000	172.82	5,769	0.997	-	-	0.000	-	-	0.000	176.01	1,784	0.314	176.01	1,784	0.314
(LA20) MJU-51 FLARE, DECOY, INFRARED	A	-	-	0.000	124.62	7,808	0.973	125.94	3,278	0.413	-	-	0.000	126.99	4,449	0.565	126.99	4,449	0.565
(LA21) MJU-53 FLARE, IR COUNTERMEASURE	A	-	-	0.000	55.92	5,490	0.307	56.50	2,296	0.130	-	-	0.000	57.00	3,684	0.210	57.00	3,684	0.210
(LA29) LUU-19 FLARE, AIRCRAFT	A	-	-	0.000	1,334.98	203	0.271	-	-	0.000	-	-	0.000	1,366.37	333	0.455	1,366.37	333	0.455
(LA36) MJU-62 FLARE, COUNTERMEASURE TH7	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	198.02	4,848	0.960	198.02	4,848	0.960
(LA67) MJU-71/ B FLARE, IR COUNTERMEASURE	A	-	-	0.000	-	-	0.000	-	-	0.000	465.00	4,843	2.252	-	-	0.000	465.00	4,843	2.252
COMBAT SEARCH AND RESCUE	A	-	-	0.000	-	-	0.000	-	-	6.643	-	-	3.048	-	-	0.000	-	-	3.048
<i>Subtotal Uncategorized</i>				<i>0.000</i>			<i>3.321</i>			<i>11.042</i>			<i>5.300</i>			<i>2.509</i>			<i>7.809</i>
Total				0.000			3.321			11.042			5.300			2.509			7.809

Remarks:

UNCLASSIFIED

Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): FLARES (M206 FLARE - L410)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		0	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		0.000	21.879	13.811	16.345	2.302	18.647
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		0.000	21.879	13.811	16.345	2.302	18.647
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		0.000	21.879	13.811	16.345	2.302	18.647

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† M206 FLARE - L410	A	-	-	0.000	30.50	703,545	21.458	48.15	275,965	13.289	35.08	450,570	15.806	35.08	65,621	2.302	35.08	516,191	18.108
<i>Total Recurring Cost</i>				0.000			21.458			13.289			15.806			2.302			18.108
<i>Total Hardware Cost</i>				0.000			21.458			13.289			15.806			2.302			18.108
Support Cost																			
PRODUCTION ENGINEERING		-	-	0.000	-	-	0.407	-	-	0.510	-	-	0.531	-	-	0.000	-	-	0.531
QUALITY ASSURANCE		-	-	0.000	-	-	0.014	-	-	0.012	-	-	0.008	-	-	0.000	-	-	0.008
<i>Total Support Cost</i>				0.000			0.421			0.522			0.539			0.000			0.539
Gross Weapon System Cost				0.000			21.879			13.811			16.345			2.302			18.647

Remarks:
(1) Quality assurance consists of funding for Army personnel to travel to production facilities.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Item Nomenclature: FLARES (M206 FLARE - L410)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M206 FLARE - L410		2009	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Sep 2009	May 2011	842,900	24.87	Y		
M206 FLARE - L410		2010	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2010	Nov 2010	143,700	30.58	Y		
M206 FLARE - L410		2011	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2011	Nov 2011	703,545	30.50	Y		
M206 FLARE - L410		2012	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2012	Nov 2012	275,965	48.16	Y		
M206 FLARE - L410		2013	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2013	Nov 2013	450,570	35.08	Y		
M206 FLARE - L410	✓	2013	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2013	Nov 2013	65,621	35.08	Y		

Remarks:
 The footnote below applies to the following items: M206 FLARE - L410:
 FY2009 is the basic contract with 4 ordering year options. Award was split between ARMTEC and KILGORE.
 The footnote below applies to the following items: M206 FLARE - L410:
 FY2010 procurement is an option of the FY2009 Basic contract which was split between ARMTEC of Camden, AR and KILGORE of Toone, TN.
 The footnote below applies to the following items: M206 FLARE - L410:
 FY2011 procurement will be an option of the FY2009 Basic contract which was split between ARMTEC of Camden, AR and KILGORE of Toone, TN.
 The footnote below applies to the following items: M206 FLARE - L410:
 FY2012 procurement will be an option of the FY2009 Basic contract which was split between ARMTEC and KILGORE.
 The footnote below applies to the following items: M206 FLARE - L410:
 FY2013 procurement is the last option of the FY2009 basic contract and will be split between ARMTEC and KILGORE.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): FLARES (MJU-7A/B IR FLARE - L463)

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		0	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		0.000	13.261	7.155	11.768	0.688	12.456
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		0.000	13.261	7.155	11.768	0.688	12.456
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		0.000	13.261	7.155	11.768	0.688	12.456

(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)	-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† MJU-7A/B IR FLARE - L463	A	-	-	0.000	49.53	267,591	13.254	53.80	132,906	7.150	54.51	215,685	11.757	54.51	12,622	0.688	54.51	228,307	12.445
<i>Total Recurring Cost</i>				0.000			13.254			7.150			11.757			0.688			12.445
<i>Total Hardware Cost</i>				0.000			13.254			7.150			11.757			0.688			12.445
Support Cost																			
PRODUCTION ENGINEERING		-	-	0.000	-	-	0.000	-	-	0.003	-	-	0.000	-	-	0.000	-	-	0.000
QUALITY ASSURANCE		-	-	0.000	-	-	0.007	-	-	0.002	-	-	0.011	-	-	0.000	-	-	0.011
<i>Total Support Cost</i>				0.000			0.007			0.005			0.011			0.000			0.011
Gross Weapon System Cost				0.000			13.261			7.155			11.768			0.688			12.456

Remarks:
(1) Quality Assurance consists of funding for Army personnel to travel to production facilities.

UNCLASSIFIED

Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15 **P-1 Line Item Nomenclature:** 11 - FLARES (OVERVIEW) **Item Nomenclature:** FLARES (MJU-7A/B IR FLARE - L463)

Cost Elements († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
MJU-7A/B IR FLARE - L463		2010	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2010	Sep 2011	273,000	47.26	Y		
MJU-7A/B IR FLARE - L463		2011	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2011	Jan 2013	267,591	49.53	Y		
MJU-7A/B IR FLARE - L463		2012	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2012	Jan 2014	132,906	53.80	Y		
MJU-7A/B IR FLARE - L463		2013	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2013	Jan 2015	215,685	54.51	Y		
MJU-7A/B IR FLARE - L463	✓	2013	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	Mar 2013	Jan 2015	12,622	54.51	Y		

Remarks:

The footnote below applies to the following items: MJU-7A/B IR FLARE - L463:
 FY2010 will be an option of the FY2009 Basic contract which has at least 4 option years. The contract was split between ARMTEC of Camden, AR and KILGORE of Toone, TN.
 The footnote below applies to the following items: MJU-7A/B IR FLARE - L463:
 FY2011 will be an option of the FY2009 basic contract which has at least 4 option years and was split between ARMTEC and KILGORE.
 The footnote below applies to the following items: MJU-7A/B IR FLARE - L463:
 FY2012 procurement will be an option of the FY2009 Basic contract which was split between ARMTEC and KILGORE.
 The footnote below applies to the following items: MJU-7A/B IR FLARE - L463:
 FY2013 procurement will be an option of the FY2009 Basic contract which was split between ARMTEC and KILGORE.

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Exhibit P-5, Cost Analysis: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Item Nomenclature (Item Number, Item Name, DODIC): CLC FLARES (MJU-10 FLARE - L461)

Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	2.612	14.387	7.197	0.577	7.774
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	2.612	14.387	7.197	0.577	7.774
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	2.612	14.387	7.197	0.577	7.774

(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)	-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† MJU-10 FLARE - L461	A	-	-	0.000	253.00	10,294	2.604	198.24	72,540	14.380	200.84	35,800	7.190	201.05	2,870	0.577	200.85	38,670	7.767
Total Recurring Cost				0.000			2.604			14.380			7.190			0.577			7.767
Total Hardware Cost				0.000			2.604			14.380			7.190			0.577			7.767
Support Cost																			
QUALITY ASSURANCE		-	-	0.000	-	-	0.008	-	-	0.007	-	-	0.007	-	-	0.000	-	-	0.007
Total Support Cost				0.000			0.008			0.007			0.007			0.000			0.007
Gross Weapon System Cost				-			2.612			14.387			7.197			0.577			7.774

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 15	P-1 Line Item Nomenclature: 11 - FLARES (OVERVIEW)	Item Nomenclature: CLC FLARES (MJU-10 FLARE - L461)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
MJU-10 FLARE - L461		2011	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	May 2011	May 2011	10,294	253.00	Y		
MJU-10 FLARE - L461		2012	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	May 2012	May 2012	72,540	198.24	Y		
MJU-10 FLARE - L461		2013	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	May 2013	May 2013	35,800	200.84	Y		
MJU-10 FLARE - L461	✓	2013	ARMTEC & KILGORE / CAMDEN, AR & TOONE, TN	MIPR	AFMC/OO-ALC	May 2013	May 2013	2,870	201.04	Y		

Remarks:
 The footnote below applies to the following items: MJU-10 FLARE - L461:
 FY2011 procurement was an option of the FY2009 Basic contract which has at least 4 option years. The Basic was split between ARMTEC and KILGORE.
 The footnote below applies to the following items: MJU-10 FLARE - L461:
 FY2012 procurement will be an option of the FY2009 Basic contract which has at least 4 option years. The Basic contract was split between ARMTEC and KILGORE.
 The footnote below applies to the following items: MJU-10 FLARE - L461:
 FY2013 procurement will be the last option of the FY2009 Basic contract which had been split between ARMTEC and KILGORE.

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 16 : Fuzes

P-1 Line Item Nomenclature:
12 - FUZES (OVERVIEW)

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 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	84.488	43.500	36.444	8.513	44.957	45.017	70.159	88.343	88.064	-	464.528
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	84.488	43.500	36.444	8.513	44.957	45.017	70.159	88.343	88.064	-	464.528
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	84.488	43.500	36.444	8.513	44.957	45.017	70.159	88.343	88.064	-	464.528

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

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

Description:

FY2011 funding includes \$24.982M of appropriated Overseas Contingency Operations supplemental funding. This includes \$2.486M reprogrammed in support of Operation ODYSSEY DAWN.

FY2012 funding includes \$8.765M of requested Overseas Contingency Operations supplemental funding.

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. FY2011 funding includes \$15.172M appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$6.710M requested Overseas Contingency Operations supplemental funding.

- 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. FY2011 funding includes \$3.674M of appropriated Overseas Contingency Operations supplemental funding. FY2012 funding includes \$2.055M of requested Overseas Contingency supplemental Operations.

- 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. FY2011 funding includes \$6.137M of appropriated Overseas Contingency Operations supplemental funding.

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

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F : Procurement of Ammunition, Air Force / BA 1 : Procurement of Ammo, Air Force / BSA 16 : Fuzes

P-1 Line Item Nomenclature:
12 - FUZES (OVERVIEW)

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
FUZES (FMU-152/B JOINT PROGRAMMABLE FUZE) (See enclosed P-40A)	P40A, P5A				0.000			61.772			25.232			17.217			6.690			23.907
FUZES (DSU-33D/B PROXIMITY SENSOR - KY70) (See enclosed P-40A)	P40A, P5A				0.000			11.309			10.031			7.396			1.728			9.124
FUZES (ITEMS LESS THAN \$5 MILLION) (See enclosed P-40A)	P40A				0.000			11.407			8.237			11.831			0.095			11.926
Total Gross/Weapon System Cost					-			84.488			43.500			36.444			8.513			44.957

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

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.

FY2013 OCO funding request replenishes WRM munitions expended in support of combat operations in OEF.

Items requested in FY2013 are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 16	P-1 Line Item Nomenclature: 12 - FUZES (OVERVIEW)	Aggregated Item Name: FUZES (FMU-152/B JOINT PROGRAMMABLE FUZE)
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Items <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Uncategorized												
FMU-152A/B FUZE FOLLOW-ON CONTRACT		2011	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / FFP	AFMC/AAC	Jul 2011	Jun 2014	16,416	3,763.00	Y		Dec 2010
FMU-152A/B FUZE FOLLOW-ON CONTRACT		2012	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / TBD	AFMC/AAC	Oct 2011	Jun 2015	5,470	4,612.80	Y		
FMU-152A/B FUZE FOLLOW-ON CONTRACT		2013	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / TBD	AFMC/AAC	Oct 2013	Jun 2017	1,828	9,417.82	Y		
FMU-152A/B FUZE FOLLOW-ON CONTRACT	✓	2013	KAMAN PRECISION PRODUCTS, INC. / Orlando, FL	C / TBD	AFMC/AAC	Oct 2013	Oct 2017	710	9,422.54	Y		

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

The contract buy authority will be reached during Option 7, FY2010 \$, requiring a new contract to be awarded.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 16	P-1 Line Item Nomenclature: 12 - FUZES (OVERVIEW)	Aggregated Item Name: FUZES (DSU-33D/B PROXIMITY SENSOR - KY70)
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Items <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
SUBTOTAL RECURRING HARDWARE COST												
DSU-33D/B PROXIMITY SENSOR - KY70		2010	ATK/ROCKET CENTER / WV	C / TBD	AFMC/OO-ALC	May 2010	Apr 2011	9,469	1,072.00	Y		
DSU-33D/B PROXIMITY SENSOR - KY70		2011	ATK/ROCKET CENTER / WV	C / TBD	AFMC/OO-ALC	Mar 2011	Nov 2011	10,758	1,051.22	Y		
DSU-33D/B PROXIMITY SENSOR - KY70		2012	ATK/ROCKET CENTER / WV	C / TBD	AFMC/OO-ALC	Mar 2012	Nov 2012	9,807	1,022.84	Y		
DSU-33D/B PROXIMITY SENSOR - KY70		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/OO-ALC	Mar 2013	Nov 2013	7,010	1,055.06	Y		
DSU-33D/B PROXIMITY SENSOR - KY70	✓	2013	UNKNOWN / UNKNOWN	C / TBD	AFMC/OO-ALC	Mar 2013	Nov 2013	1,638	1,054.94	Y		

Remarks:
 The footnote below applies to the following items: DSU-33D/B PROXIMITY SENSOR - KY70:
 Basic Contract was awarded April 2006 with 5 option years. Options will be used and then procurement responsibilities will transition to SMCA in FY2012.
 The footnote below applies to the following items: DSU-33D/B PROXIMITY SENSOR - KY70:
 FY12 procurement will be an option of the 2006 Basic contract.
 The footnote below applies to the following items: DSU-33D/B PROXIMITY SENSOR - KY70:
 FY2013 procurement responsibilities will be transitioned to the Single Manager for Conventional Ammunition (SMCA)/Army. Contracting will be a competitive environment among technically qualified sources.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 1 / BSA 16							P-1 Line Item Nomenclature: 12 - FUZES (OVERVIEW)							Aggregated Item Name: FUZES (ITEMS LESS THAN \$5 MILLION)					

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
FMU-139C/B (EC35)	A	-	-	0.000	1,354.77	1,897	2.570	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
FMU-152/B D-2 (EB93)	A	-	-	0.000	735.29	68	0.050	664.52	155	0.103	-	-	0.350	-	-	0.000	-	-	0.350
FMU-143T/B (ED28)	A	-	-	0.000	3,427.20	522	1.789	4,415.73	178	0.786	3,676.47	136	0.500	-	-	0.000	3,676.47	136	0.500
FMU-143S/B (ED29)	A	-	-	0.000	3,217.04	1,479	4.758	4,401.18	1,356	5.968	3,669.53	2,212	8.117	3,653.85	26	0.095	3,669.35	2,238	8.212
DSU-33 (D-1)/B (KY71)	A	-	-	0.000	2,300.93	216	0.497	850.80	811	0.690	-	-	0.000	-	-	0.000	-	-	0.000
FMU-143R/B (ED30)	A	-	-	0.000	5,250.00	332	1.743	4,451.61	155	0.690	3,676.47	136	0.500	-	-	0.000	3,676.47	136	0.500
RING KIT, FMU-143, JDAM (ED67)	A	-	-	0.000	-	-	0.000	-	-	0.000	400.00	5,585	2.234	-	-	0.000	400.00	5,585	2.234
Hard Target Void Sensing Fuze	A	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.130	-	-	0.000	-	-	0.130
<i>Subtotal Uncategorized</i>				0.000			11.407			8.237			11.831			0.095			11.926
Total				0.000			11.407			8.237			11.831			0.095			11.926

Remarks:

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F : Procurement of Ammunition, Air Force / BA 2 : Weapons / BSA 1 : Small Arms	P-1 Line Item Nomenclature: 13 - SMALL ARMS
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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Resource Summary	Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	To Complete	Total
Procurement Quantity (Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	22.532	18.695	29.223	0.000	29.223	29.588	32.229	33.021	33.541	-	198.829
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	-	22.532	18.695	29.223	0.000	29.223	29.588	32.229	33.021	33.541	-	198.829
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	22.532	18.695	29.223	0.000	29.223	29.588	32.229	33.021	33.541	-	198.829

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

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

Description:

FY2011 funding includes \$15.507M appropriated for Overseas Contingency Operations supplemental funding.

FY2012 funding includes \$11.500M requested for Overseas Contingency Operations supplemental funding.

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

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

Item Schedule		ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
SMALL ARMS (ITEMS LESS THAN \$5 MILLION) (See enclosed P-40A)	P40A				0.000			22.532			7.840			13.372			0.000			13.372
M4 CARBINE (5.56mm)	P5, P5A		-	-	-	-	-	0.000	-	-	10.855	-	-	15.851	-	-	0.000	-	-	15.851
Total Gross/Weapon System Cost					-			22.532			18.695			29.223			0.000			29.223

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

Justification:

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Exhibit P-40, Budget Item Justification Sheet: PB 2013 Air Force		Date: February 2012
Appropriation / Budget Activity / Budget Sub Activity: 3011F : Procurement of Ammunition, Air Force / BA 2 : Weapons / BSA 1 : Small Arms		P-1 Line Item Nomenclature: 13 - SMALL ARMS
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
FY2013 budget request procures items in support of installation and unit mission requirements for Air Force personnel.		
Items requested in FY2013 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.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity:
3011F / BA 2 / BSA 1

P-1 Line Item Nomenclature:
13 - SMALL ARMS

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

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
(Uncategorized)																			
M2 (.50 Cal Machine Gun)	A	-	-	0.000	17,250.00	8	0.138	10,812.50	16	0.173	-	-	0.000	-	-	0.000	-	-	0.000
M2A1 (.50 Cal Machine Gun)	A	-	-	0.000	-	-	0.000	-	-	0.000	17,425.00	25	0.436	-	-	0.000	17,440.00	25	0.436
PVS 10 (Night Vision)	A	-	-	0.000	62,388.89	18	1.123	25,250.00	40	1.010	-	-	0.000	-	-	0.000	-	-	0.000
PAS13Dv3 Thermal Sight Heavy	A	-	-	0.000	11,996.95	328	3.935	-	-	0.000	13,550.00	50	0.678	-	-	0.000	13,560.00	50	0.678
M240B Machinegun (7.62mm)	A	-	-	0.000	8,632.26	155	1.338	7,096.49	342	2.427	8,735.00	40	0.349	-	-	0.000	8,725.00	40	0.349
M249 Automatic Rifle (5.56mm)	A	-	-	0.000	4,324.32	37	0.160	3,513.97	537	1.887	4,500.00	30	0.135	-	-	0.000	4,500.00	30	0.135
M107 Sniper Rifle (.50 cal)	A	-	-	0.000	12,646.15	65	0.822	11,176.47	17	0.190	12,300.00	20	0.246	-	-	0.000	12,300.00	20	0.246
M3 Tripod (M2 & MK-19)	A	-	-	0.000	756.10	164	0.124	700.00	10	0.007	721.00	10	0.007	-	-	0.000	700.00	10	0.007
M24 Sniper Rifle (7.26mm)	A	-	-	0.000	6,600.00	10	0.066	6,560.00	25	0.164	6,590.00	20	0.132	-	-	0.000	6,600.00	20	0.132
PAS-13Dv2 Thermal Sight Medium	A	-	-	0.000	11,291.67	120	1.355	-	-	0.000	12,300.00	150	1.845	-	-	0.000	12,300.00	150	1.845
M4A1 Carbine (5.56mm - Auto)	A	-	-	0.000	1,235.29	255	0.315	1,200.00	15	0.018	1,750.00	100	0.175	-	-	0.000	1,750.00	100	0.175
X4 Telescope (ACOG)	A	-	-	0.000	826.92	52	0.043	833.33	24	0.020	-	-	0.000	-	-	0.000	-	-	0.000
M122A1 Tripod/ T&E (M240B)	A	-	-	0.000	514.79	169	0.087	454.55	11	0.005	585.00	10	0.006	-	-	0.000	600.00	10	0.006
M9 Pistol (9mm)	A	-	-	0.000	366.67	3,630	1.331	400.00	2,530	1.012	680.00	50	0.034	-	-	0.000	680.00	50	0.034
EOD Soft Mount	A	-	-	0.000	894.74	19	0.017	900.00	10	0.009	949.00	10	0.009	-	-	0.000	900.00	10	0.009
MP5K PDW	A	-	-	0.000	2,507.69	65	0.163	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
M11 Compact Pistol (9mm)	A	-	-	0.000	636.36	11	0.007	700.00	10	0.007	625.00	200	0.125	-	-	0.000	625.00	200	0.125
M1187P EOD Shotgun	A	-	-	0.000	486.49	37	0.018	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Modular Combat Shotgun (12 Ga)	A	-	-	0.000	545.45	11	0.006	550.00	20	0.011	615.00	75	0.046	-	-	0.000	613.33	75	0.046
PSQ-23 Storm MLFR RNGE Finder	A	-	-	0.000	18,716.98	159	2.976	-	-	0.000	13,500.00	50	0.675	-	-	0.000	13,500.00	50	0.675

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2013 Air Force														Date: February 2012					
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 2 / BSA 1							P-1 Line Item Nomenclature: 13 - SMALL ARMS							Aggregated Item Name: SMALL ARMS (ITEMS LESS THAN \$5 MILLION)					

Items († indicates the presence of a P-5A)	ID CD	All Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 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)
PVS-29 Universal Night Sight	A	-	-	0.000	8,800.00	550	4.840	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Special Operations Combat Assault Rifle	A	-	-	0.000	1,209.09	110	0.133	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
M320A1 (40mm Grenade Launcher)	A	-	-	0.000	-	-	3.535	3,396.23	265	0.900	3,448.00	500	1.724	-	-	0.000	3,448.00	500	1.724
PEQ-15 Laser Designator	A	-	-	0.000	-	-	0.000	-	-	0.000	900.00	7,500	6.750	-	-	0.000	900.00	7,500	6.750
<i>Subtotal Uncategorized</i>				<i>0.000</i>			<i>22.532</i>			<i>7.840</i>			<i>13.372</i>			<i>0.000</i>			<i>13.372</i>
Total				0.000			22.532			7.840			13.372			0.000			13.372

Remarks:

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Exhibit P-5, Cost Analysis: PB 2013 Air Force				Date: February 2012				
Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 2 / BSA 1			P-1 Line Item Nomenclature: 13 - SMALL ARMS			Item Nomenclature (Item Number, Item Name, DODIC): M4 CARBINE (5.56mm)		

Resource Summary		Prior Years	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Procurement Quantity (Each)		-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)		-	0.000	10.855	15.851	0.000	15.851
Less PY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)		-	0.000	10.855	15.851	0.000	15.851
Plus CY Advance Procurement (\$ in Millions)		-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)		-	0.000	10.855	15.851	0.000	15.851

(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)		-	-	-	-	-	-

Cost Elements († indicates the presence of a P-5A)	ID CD	Prior Years			FY 2011			FY 2012			FY 2013 Base			FY 2013 OCO			FY 2013 Total		
		Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)	Unit Cost (\$)	Quantity (Each)	Total Cost (\$ M)
Hardware Cost																			
Recurring Cost																			
† M4 CARBINE (5.56mm)	A	-	-	0.000	-	-	0.000	1,495.59	7,258	10.855	1,925.07	8,234	15.851	-	-	0.000	1,925.07	8,234	15.851
Total Recurring Cost				0.000			0.000			10.855			15.851			0.000			15.851
Total Hardware Cost				0.000			0.000			10.855			15.851			0.000			15.851
Gross Weapon System Cost				-			0.000			10.855			15.851			0.000			15.851

Remarks:

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Exhibit P-5A, Budget Procurement History and Planning: PB 2013 Air Force **Date:** February 2012

Appropriation / Budget Activity / Budget Sub Activity: 3011F / BA 2 / BSA 1	P-1 Line Item Nomenclature: 13 - SMALL ARMS	Item Nomenclature: M4 CARBINE (5.56mm)
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Cost Elements <small>(† indicates the presence of a P-21)</small>	O C O	FY	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	Qty <small>(Each)</small>	Unit Cost <small>(\$)</small>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M4 CARBINE (5.56mm), Mar 2010		2010	COLT DEFENSE / HARTFORD, CT	MIPR	AFMC/WR-ALC	Mar 2010	Jul 2010	1,013	1,656.02	Y		
M4 CARBINE (5.56mm), Apr 2010		2010	COLT DEFENSE / HARTFORD, CT	MIPR	AFMC/WR-ALC	Apr 2010	Jul 2010	2,068	1,656.02	Y		
M4 CARBINE (5.56mm), Jul 2010		2010	COLT DEFENSE / HARTFORD, CT	MIPR	AFMC/WR-ALC	Jul 2010	Nov 2011	739	1,656.02	Y		
M4 CARBINE (5.56mm)		2012	UNKNOWN / UNKNOWN	MIPR	AFMC/WR-ALC	Jun 2013	Dec 2014	7,258	1,495.59	Y		
M4 CARBINE (5.56mm)		2013	UNKNOWN / UNKNOWN	MIPR	AFMC/WR-ALC	Jun 2013	Dec 2014	8,234	1,925.00	Y		

Remarks:
 The footnote below applies to the following items: M4 CARBINE (5.56mm):
 FY10 OCO dollars
 The footnote below applies to the following items: M4 CARBINE (5.56mm):
 FY12- New Contract Award based on open/competitive solicitation