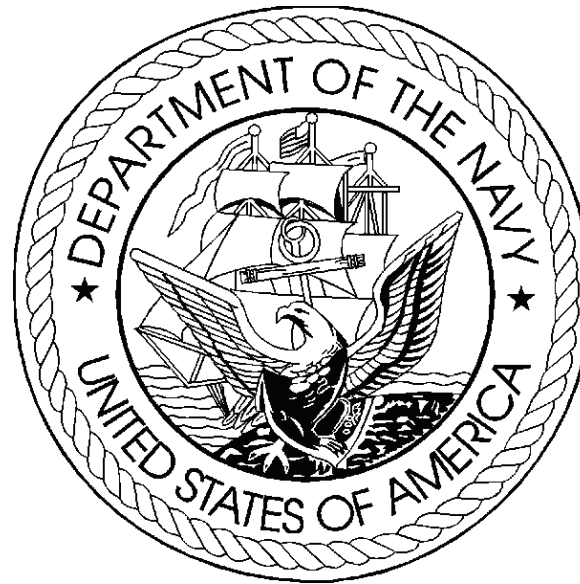


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**Department of Defense
Fiscal Year (FY) 2015 Budget Estimates**

March 2014



Navy

Justification Book Volume 1

Procurement of Ammo, Navy & MC

Budget Activity 01

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Navy • Budget Estimates FY 2015 • Procurement

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Department of Defense Appropriations Act, 2015

Procurement of Ammunition, Navy and Marine Corps

For construction, procurement, production, and modification of ammunition, and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including ammunition facilities, authorized by section 2854 of title 10, United States Code, and the land necessary therefore, for the foregoing purposes, and such lands and interests therein, 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, \$771,945,000, to remain available for obligation until September 30, 2017.

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

12 Feb 2014

Appropriation -----	FY 2013 (Base & OCO) -----	FY 2014 Base Enacted -----	FY 2014 OCO Enacted -----	FY 2014 Total Enacted -----	FY 2015 Base -----
Procurement of Ammo, Navy & MC	885,405	549,316	169,362	718,678	771,945
Total Department of the Navy	885,405	549,316	169,362	718,678	771,945

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

12 Feb 2014

Appropriation: Procurement of Ammo, Navy & MC

Budget Activity -----	FY 2013 (Base & OCO) -----	FY 2014 Base Enacted -----	FY 2014 OCO Enacted -----	FY 2014 Total Enacted -----	FY 2015 Base -----
01. Proc Ammo, Navy	551,645	453,122	104,446	557,568	637,211
02. Proc Ammo, MC	333,760	96,194	64,916	161,110	134,734
Total Procurement of Ammo, Navy & MC	885,405	549,316	169,362	718,678	771,945

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

12 Feb 2014

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
Budget Activity 01: Proc Ammo, Navy								

Navy Ammunition								
1	General Purpose Bombs	A	42,619	37,703	11,424	49,127	107,069	U
2	Airborne Rockets, All Types	A	130,308	65,411	30,332	95,743	70,396	U
3	Machine Gun Ammunition	A	38,880	20,284	8,282	28,566	20,284	U
4	Practice Bombs	A	30,614	31,473		31,473	26,701	U
5	Cartridges & Cart Actuated Devices	A	49,828	53,764		53,764	53,866	U
6	Air Expendable Countermeasures	A	72,284	66,194	31,884	98,078	59,294	U
7	JATOS	A	2,556	2,749		2,749	2,766	U
8	LRLAP 6" Long Range Attack Projectile	A	6,553	3,906		3,906	113,092	U
9	5 Inch/54 Gun Ammunition	A	48,273	21,726		21,726	35,702	U
10	Intermediate Caliber Gun Ammunition	A	17,080	33,080		33,080	36,475	U
11	Other Ship Gun Ammunition	A	30,023	40,398	409	40,807	43,906	U
12	Small Arms & Landing Party Ammo	A	60,533	61,219	11,976	73,195	51,535	U
13	Pyrotechnic and Demolition	A	12,155	10,637	2,447	13,084	11,652	U
14	Ammunition Less Than \$5 Million	A	9,939	4,578	7,692	12,270	4,473	U
Total Proc Ammo, Navy			551,645	453,122	104,446	557,568	637,211	
Budget Activity 02: Proc Ammo, MC								

Marine Corps Ammunition								
15	Small Arms Ammunition		74,051	19,433	13,461	32,894	31,708	U

P-1C1: FY 2015 President's Budget (Published Version), as of February 12, 2014 at 08:54:08

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

12 Feb 2014

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2013 (Base & OCO) Quantity Cost	FY 2014 Base Enacted Quantity Cost	FY 2014 OCO Enacted Quantity Cost	FY 2014 Total Enacted Quantity Cost	FY 2015 Base Quantity Cost	S e c
16	Linear Charges, All Types	A	25,969	6,088	3,310	9,398	692	U
17	40 Mm, All Types	A	22,086	7,644	6,244	13,888	13,630	U
18	60mm, All Types	A		3,349	3,368	6,717	2,261	U
19	81mm, All Types	A	3,763		9,162	9,162	1,496	U
20	120mm, All Types	A	17,822	13,361	10,266	23,627	14,855	U
21	Ctg 25mm, All Types	A	1,534		1,887	1,887		U
22	Grenades, All Types	A	7,686	2,149	1,611	3,760	4,000	U
23	Rockets, All Types	A	28,878				16,853	U
24	Artillery, All Types	A	105,939		970	970	14,772	U
25	Demolition Munitions, All Types	A			418	418		U
26	Fuze, All Types	A	32,174	25,366	14,219	39,585	9,972	U
27	Non Lethals	B	1,360				998	U
28	Ammo Modernization	A	4,557	8,403		8,403	12,319	U
29	Items Less Than \$5 Million	A	7,941	10,401		10,401	11,178	U
Total Proc Ammo, MC			333,760	96,194	64,916	161,110	134,734	
Total Procurement of Ammo, Navy & MC			885,405	549,316	169,362	718,678	771,945	

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
1	01	01	0145	General Purpose Bombs.....	Volume 1 - 1
10	01	01	0266	Intermediate Caliber Gun Ammo.....	Volume 1 - 47
11	01	01	0270	Other Ship Gun Ammunition.....	Volume 1 - 51
12	01	01	0335	Small Arms & Lndg Party Ammo.....	Volume 1 - 59
13	01	01	0340	Pyrotechnic and Demolition.....	Volume 1 - 75
14	01	01	0400	Ammunition less than \$5 million.....	Volume 1 - 85
2	01	01	0151	Airborne Rockets, All Types.....	Volume 1 - 7
3	01	01	0155	Machine Gun Ammunition.....	Volume 1 - 13
4	01	01	0160	Practice Bombs.....	Volume 1 - 17
5	01	01	0180	Cartridge Actuated Devices/Propellant Act Devices.....	Volume 1 - 23
6	01	01	0182	Air Expendable Countermeasures.....	Volume 1 - 29
7	01	01	0194	Jet Assisted Take Off (JATOs).....	Volume 1 - 35
8	01	01	0198	LRLAP 6 inch Long Range Attack Projectile.....	Volume 1 - 37
9	01	01	0250	5 Inch/54 Gun Ammunition.....	Volume 1 - 41

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Appropriation 1508N: Procurement of Ammo, Navy & MC

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16	02	01	1030	Linear Charges, All Types.....	Volume 2 - 11
17	02	01	1050	40 MM, All Types.....	Volume 2 - 15
18	02	01	1083	60 MM, All Types.....	Volume 2 - 19
19	02	01	1091	81 MM, All Types.....	Volume 2 - 25
20	02	01	1121	120 MM, All Types.....	Volume 2 - 31
21	02	01	1388	CTG 25 MM, All Types.....	Volume 2 - 37
22	02	01	1468	Grenades, All Types.....	Volume 2 - 41
23	02	01	1471	Rockets, All Types.....	Volume 2 - 49
24	02	01	1473	Artillery, All Types.....	Volume 2 - 53
25	02	01	1500	Demolition Munitions, All Types.....	Volume 2 - 61
26	02	01	1625	Fuze, All Types.....	Volume 2 - 65
27	02	01	1628	Non Lethals.....	Volume 2 - 69
28	02	01	1630	Ammo Modernization.....	Volume 2 - 73
29	02	01	1660	Items less than \$5 million.....	Volume 2 - 77

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120 MM, All Types	1121	20	02	01.....	Volume 2 - 31
40 MM, All Types	1050	17	02	01.....	Volume 2 - 15
5 Inch/54 Gun Ammunition	0250	9	01	01.....	Volume 1 - 41
60 MM, All Types	1083	18	02	01.....	Volume 2 - 19
81 MM, All Types	1091	19	02	01.....	Volume 2 - 25
Air Expendable Countermeasures	0182	6	01	01.....	Volume 1 - 29
Airborne Rockets, All Types	0151	2	01	01.....	Volume 1 - 7
Ammo Modernization	1630	28	02	01.....	Volume 2 - 73
Ammunition less than \$5 million	0400	14	01	01.....	Volume 1 - 85
Artillery, All Types	1473	24	02	01.....	Volume 2 - 53
CTG 25 MM, All Types	1388	21	02	01.....	Volume 2 - 37
Cartridge Actuated Devices/Propellant Act Devices	0180	5	01	01.....	Volume 1 - 23
Demolition Munitions, All Types	1500	25	02	01.....	Volume 2 - 61
Fuze, All Types	1625	26	02	01.....	Volume 2 - 65
General Purpose Bombs	0145	1	01	01.....	Volume 1 - 1
Grenades, All Types	1468	22	02	01.....	Volume 2 - 41
Intermediate Caliber Gun Ammo	0266	10	01	01.....	Volume 1 - 47

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
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Jet Assisted Take Off (JATOs)	0194	7	01	01.....	Volume 1 - 35
LRLAP 6 inch Long Range Attack Projectile	0198	8	01	01.....	Volume 1 - 37
Linear Charges, All Types	1030	16	02	01.....	Volume 2 - 11
Machine Gun Ammunition	0155	3	01	01.....	Volume 1 - 13
Non Lethals	1628	27	02	01.....	Volume 2 - 69
Other Ship Gun Ammunition	0270	11	01	01.....	Volume 1 - 51
Practice Bombs	0160	4	01	01.....	Volume 1 - 17
Pyrotechnic and Demolition	0340	13	01	01.....	Volume 1 - 75
Rockets, All Types	1471	23	02	01.....	Volume 2 - 49
Small Arms & Lndg Party Ammo	0335	12	01	01.....	Volume 1 - 59
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10	01	01	0266	Intermediate Caliber Gun Ammo.....	Volume 1 - 47
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12	01	01	0335	Small Arms & Lndg Party Ammo.....	Volume 1 - 59
13	01	01	0340	Pyrotechnic and Demolition.....	Volume 1 - 75
14	01	01	0400	Ammunition less than \$5 million.....	Volume 1 - 85
2	01	01	0151	Airborne Rockets, All Types.....	Volume 1 - 7
3	01	01	0155	Machine Gun Ammunition.....	Volume 1 - 13
4	01	01	0160	Practice Bombs.....	Volume 1 - 17
5	01	01	0180	Cartridge Actuated Devices/Propellant Act Devices.....	Volume 1 - 23
6	01	01	0182	Air Expendable Countermeasures.....	Volume 1 - 29
7	01	01	0194	Jet Assisted Take Off (JATOs).....	Volume 1 - 35
8	01	01	0198	LRLAP 6 inch Long Range Attack Projectile.....	Volume 1 - 37
9	01	01	0250	5 Inch/54 Gun Ammunition.....	Volume 1 - 41

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

Line Item Title	Line Item Number	Line #	BA	BSA	Page
5 Inch/54 Gun Ammunition	0250	9	01	01.....	Volume 1 - 41
Air Expendable Countermeasures	0182	6	01	01.....	Volume 1 - 29
Airborne Rockets, All Types	0151	2	01	01.....	Volume 1 - 7
Ammunition less than \$5 million	0400	14	01	01.....	Volume 1 - 85
Cartridge Actuated Devices/Propellant Act Devices	0180	5	01	01.....	Volume 1 - 23
General Purpose Bombs	0145	1	01	01.....	Volume 1 - 1
Intermediate Caliber Gun Ammo	0266	10	01	01.....	Volume 1 - 47
Jet Assisted Take Off (JATOs)	0194	7	01	01.....	Volume 1 - 35
LRLAP 6 inch Long Range Attack Projectile	0198	8	01	01.....	Volume 1 - 37
Machine Gun Ammunition	0155	3	01	01.....	Volume 1 - 13
Other Ship Gun Ammunition	0270	11	01	01.....	Volume 1 - 51
Practice Bombs	0160	4	01	01.....	Volume 1 - 17
Pyrotechnic and Demolition	0340	13	01	01.....	Volume 1 - 75
Small Arms & Lndg Party Ammo	0335	12	01	01.....	Volume 1 - 59

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0145 / General Purpose Bombs					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,932.590	42.620	49.127	107.069	-	107.069	199.779	202.104	237.828	268.588	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	1,932.590	42.620	49.127	107.069	-	107.069	199.779	202.104	237.828	268.588	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,932.590	42.620	49.127	107.069	-	107.069	199.779	202.104	237.828	268.588	Continuing	Continuing
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: The General Purpose bombs program fulfills tactical fleet requirements to engage defined target sets through procurement and sustainment of High Explosive bombs and components. Funds procure on-going technology integration to optimize the production and capability of products within the Direct Attack Weapons (DAW) portfolio. Inventory levels fluctuate year to year based on changes to the Total Munitions Requirement (TMR) and inventory objective. Component acquisition is performed by Navy contracting via the Army Joint Munitions Command (JMC). [P5 / Q2191 BLU-111]: The BLU-111 is a 500 lb General Purpose Thermally Protected Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance. [P5 / Q2192 BLU-110]: The BLU-110 is a 1,000 lb General Purpose Thermally Protected Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance. [P5 / Q2199 BLU-109]: The BLU-109 Penetrator is a 2,000 lb Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance. [P5 / Q2197 Bombs Subcomponents]: This cost element procures bomb subcomponents including Arming Wires, adapters, lugs, nose plugs and other components required for All Up Round (AUR) configurations. [P5 / Q2200 Direct Attack Moving Target Capability]: DAMTC is a modification to the Joint Direct Attack Munition that provides laser guidance capability for DON fixed wing aircraft. It incorporates the Adjustable Proximity Sensor (APS) that provides a selectable weapon detonation altitude and enables a wider area coverage for weapon effect on target. [P5 / Q2181 Laser Guided Bombs CCG (Raytheon)]: Provides the capability to transform a general purpose bomb into a precision guided weapon. [P5 / Q2181 Laser Guided Bombs CCG (Lockheed)]: Provides the capability to transform a general purpose bomb into a precision guided weapon. [P5 / Q2186 Guided Bombs Tailkits]: Provides a guidance capability that converts unguided General Purpose bombs into accurate guided weapons capable of attacking a wide range of stationary, moving and maneuvering targets. [P5 / Q2187 Laser Guided Bombs CCG Tailkits (Raytheon)]: Laser Guided Bombs CCG Tailkits (Raytheon) Provides guidance capability that convert general purpose bombs into accurate laser guided weapons.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition										P-1 Line Item Number / Title: 0145 / General Purpose Bombs										
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:							Other Related Program Elements:								
<p>[P5 / Q2187 Laser Guided Bombs CCG Tailkits (Lockheed)]: Laser Guided Bombs CCG Tailkits (Lockheed) Provides guidance capability that convert general purpose bombs into accurate laser guided weapons.</p> <p>[P5 / Hardware - Fuzes]: Provides fuzes and fuzing systems for munitions.</p> <p>[P5 / Q2850 Product Improvement Program (PIP)]: Provides for modifications and upgrades to General Purpose bombs programs. Efforts include configuration changes involving production, engineering, manufacturing, installation and testing that increases system or combat effectiveness to extend the useful military life of an item, and/or to improve the item within the current performance envelope.</p>																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - 1 / GP Bomb	P-5		-	-	1,932.590	-	-	42.620	-	-	49.127	-	-	107.069	-	-	-	-	-	107.069
Total Gross/Weapon System Cost			-	-	1,932.590	-	-	42.620	-	-	49.127	-	-	107.069	-	-	-	-	-	107.069
*For Items, Title represents the Item Number / Title [DODIC].																				
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: FY15 funding is required for the baseline program. The increase from FY14 to FY15 is for upgrade and procurement of Direct Attack Moving Target Capability (DAMTC) and procurements of the BLU-111, BLU-109, FMU-139 and the Hard Target Void Sensing Fuze (HTVSF) to TMR requirements.																				

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0145 / General Purpose Bombs							Item Number / Title [DODIC]: 1 / GP Bomb								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					1,932.590			42.620			49.127			107.069			-			107.069		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					1,932.590			42.620			49.127			107.069			-			107.069		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					1,932.590			42.620			49.127			107.069			-			107.069		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																						
Initial Spares <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total				
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)		
Hardware - GP Bombs Cost																						
Recurring Cost																						
1.1.1) Q2191 BLU-111 ⁽¹⁾			4,590.04	7,530	34.563	-	-	-	6,504.95	101	0.657	6,532.65	1,164	7.604	-	-	-	6,532.65	1,164	7.604		
1.1.2) Q2192 BLU-110			11,488.55	131	1.505	-	-	-	12,107.84	96	1.162	12,223.02	139	1.699	-	-	-	12,223.02	139	1.699		
1.1.3) Q2199 BLU-109			28,949.30	710	20.554	-	-	-	30,618.32	262	8.022	31,940.58	352	11.243	-	-	-	31,940.58	352	11.243		
1.1.4) Q2199 BLU-109 Second Contract OCO			23,815.79	304	7.240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1.1.5) Q2197 Bombs Subcomponents			-	-	1.900	-	-	1.030	-	-	1.232	-	-	1.255	-	-	-	-	-	1.255		
Subtotal: Recurring Cost			-	-	65.762	-	-	1.030	-	-	11.073	-	-	21.801	-	-	-	-	-	21.801		
Subtotal: Hardware - GP Bombs Cost			-	-	65.762	-	-	1.030	-	-	11.073	-	-	21.801	-	-	-	-	-	21.801		
Hardware - Guided Bombs Cost																						
Recurring Cost																						
2.1.1) Q2200 Direct Attack Moving Target Capability ⁽²⁾			10,812.67	4,452	48.138	10,953.00	783	8.576	14,398.37	123	1.771	14,400.00	2,150	30.960	-	-	-	14,400.00	2,150	30.960		
2.1.2) Q2185 Extended Range Kit ⁽³⁾			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
2.1.3) Q2181 Laser Guided Bombs CCG (Raytheon)			10,000.00	1,296	12.960	-	-	-	18,000.00	86	1.548	-	-	-	-	-	-	-	-	-		

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0145 / General Purpose Bombs								Item Number / Title [DODIC]: 1 / GP Bomb			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.1.4) Q2181 Laser Guided Bombs CCG (Lockheed)		-	-	19.440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.5) Q2186 Guided Bombs Tailkits		-	-	-	-	-	-	24,000.00	1,020	24.480	24,480.85	680	16.647	-	-	-	24,480.85	680	16.647
2.1.6) Q2187 Laser Guided Bombs CCG Tailkits (Raytheon)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.7) Q2187 Laser Guided Bombs CCG Tailkits (Lockheed)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.8) Q2220 BLU-109 Laser Capability		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	80.538	-	-	8.576	-	-	27.799	-	-	47.607	-	-	-	-	-	47.607
<i>Subtotal: Hardware - Guided Bombs Cost</i>		-	-	80.538	-	-	8.576	-	-	27.799	-	-	47.607	-	-	-	-	-	47.607
Hardware - Hardware - Fuzes Cost																			
Recurring Cost																			
3.1.1) Q2196 FMU-143		1,524.20	5,330	8.124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.2) Q2032 FMU-139 Electrical Fuze ⁽⁴⁾		815.31	34,686	28.280	2,309.72	7,200	16.630	2,400.44	457	1.097	2,351.00	5,104	12.000	-	-	-	2,351.00	5,104	12.000
3.1.3) Q2210 Hard Target Void Sensing Fuze ⁽⁵⁾		-	-	-	-	-	-	40,000.00	50	2.000	19,111.11	225	4.300	-	-	-	19,111.11	225	4.300
<i>Subtotal: Recurring Cost</i>		-	-	36.404	-	-	16.630	-	-	3.097	-	-	16.300	-	-	-	-	-	16.300
<i>Subtotal: Hardware - Hardware - Fuzes Cost</i>		-	-	36.404	-	-	16.630	-	-	3.097	-	-	16.300	-	-	-	-	-	16.300
Hardware - Acceptance Testing - Guided Bombs Cost																			
Recurring Cost																			
4.1.1) Q2860 Production Acceptance Test & Evaluation Guided Bombs ⁽⁶⁾		-	-	21.710	-	-	0.468	-	-	-	-	-	1.356	-	-	-	-	-	1.356
<i>Subtotal: Recurring Cost</i>		-	-	21.710	-	-	0.468	-	-	-	-	-	1.356	-	-	-	-	-	1.356
<i>Subtotal: Hardware - Acceptance Testing - Guided Bombs Cost</i>		-	-	21.710	-	-	0.468	-	-	-	-	-	1.356	-	-	-	-	-	1.356
Hardware - Production Acceptance Test & Evaluation-FUZE Cost																			
Recurring Cost																			

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Number / Title:							Item Number / Title [DODIC]:					
1508N / 01 / 1							0145 / General Purpose Bombs							1 / GP Bomb					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5.1.1) Q2861 Production Acceptance Test & Evaluation FUZE		-	-	-	-	-	-	-	-	-	-	-	3.437	-	-	-	-	-	3.437
Subtotal: Recurring Cost		-	-	-	-	-	-	-	-	-	-	-	3.437	-	-	-	-	-	3.437
Subtotal: Hardware - Production Acceptance Test & Evaluation-FUZE Cost		-	-	-	-	-	-	-	-	-	-	-	3.437	-	-	-	-	-	3.437
Hardware - Prior Years Cost																			
Non Recurring Cost																			
6.1.1) Years prior to FY10		-	-	1,672.450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost		-	-	1,672.450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - Prior Years Cost		-	-	1,672.450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Integrated Logistics Cost																			
7.1) Q2800 GP Bombs		-	-	1.166	-	-	0.222	-	-	0.226	-	-	0.230	-	-	-	-	-	0.230
7.2) Q2800 Guided Bombs		-	-	1.526	-	-	0.293	-	-	0.298	-	-	0.305	-	-	-	-	-	0.305
7.3) Q2800 Fuzes		-	-	0.610	-	-	0.231	-	-	0.235	-	-	0.239	-	-	-	-	-	0.239
Subtotal: Support - Integrated Logistics Cost		-	-	3.302	-	-	0.746	-	-	0.759	-	-	0.774	-	-	-	-	-	0.774
Support - Production Engineering Cost																			
8.1) Q2830 GP Bombs		-	-	15.799	-	-	1.131	-	-	1.300	-	-	1.324	-	-	-	-	-	1.324
8.2) Q2830 Guided Bombs ⁽⁷⁾		-	-	16.128	-	-	5.494	-	-	1.900	-	-	3.025	-	-	-	-	-	3.025
8.3) Q2830 Fuzes		-	-	7.843	-	-	2.043	-	-	2.031	-	-	2.060	-	-	-	-	-	2.060
Subtotal: Support - Production Engineering Cost		-	-	39.770	-	-	8.668	-	-	5.231	-	-	6.409	-	-	-	-	-	6.409
Support - Miscellaneous Support Cost																			
9.1) Q2850 Product Improvement Program (PIP) ⁽⁸⁾		-	-	10.790	-	-	5.843	-	-	0.490	-	-	8.671	-	-	-	-	-	8.671
9.2) Q2892 Non- Standard Items		-	-	0.624	-	-	0.223	-	-	0.229	-	-	0.237	-	-	-	-	-	0.237
9.3) Q2893 Renovation Components		-	-	0.614	-	-	0.212	-	-	0.218	-	-	0.223	-	-	-	-	-	0.223
9.4) Q2894 Gaging		-	-	0.626	-	-	0.224	-	-	0.231	-	-	0.254	-	-	-	-	-	0.254
Subtotal: Support - Miscellaneous Support Cost		-	-	12.654	-	-	6.502	-	-	1.168	-	-	9.385	-	-	-	-	-	9.385

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0145 / General Purpose Bombs							Item Number / Title [DODIC]: 1 / GP Bomb					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Gross/Weapon System Cost		-	-	1,932.590	-	-	42.620	-	-	49.127	-	-	107.069	-	-	-	-	-	107.069

Footnotes:

- (1) GP Bombs increased in FY15 unit cost for BLU-111, BLU-110, and BLU-109 based on Joint Munitions Command estimated pricing.
- (2) Q2200 Direct Attack Moving Target Capability increase is due the NNOR requirements.
- (3) Q2185 Extended Range Kit FY15 funding was realigned to further fund PES/PIP in support of BLU-109 modifications per Resource Sponsor direction.
- (4) Q2032 FMU-139 Electrical Fuze unit prices are based off of the latest cost estimate and will be updated with actuals upon FY13 & FY14 contract award.
- (5) Q2210 Hard Target Void Sensing Fuze increase from FY14 to FY15 is due to higher procurements qty of non LRIP assests.
- (6) Q2860 Production Acceptance Test & Evaluation Guided Bombs FY15 increased due to testing for DAMTC.
- (7) Q2830 Guided Bombs Production Engineering: FY15 increased due to additional support required for the Non-Recurring Engineering requirements associated with the BLU-109 modification.
- (8) Q2850 Product Improvement Program (PIP) FY15 increased due to Non-Recurring Engineering requirements associated with the BLU-109 modification.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy								Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition						P-1 Line Item Number / Title: 0151 / Airborne Rockets, All Types						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements: 0204162N, 0206138M				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO [#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	558.731	130.311	95.743	70.396	-	70.396	81.133	59.651	90.280	120.913	Continuing	Continuing
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (\$ in Millions)	558.731	130.311	95.743	70.396	-	70.396	81.133	59.651	90.280	120.913	Continuing	Continuing
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	558.731	130.311	95.743	70.396	-	70.396	81.133	59.651	90.280	120.913	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)	-	-	-	-	-	-	-	-	-	-	-	-
# The FY 2015 OCO Request will be submitted at a later date.												
Description: Procurements are to establish an inventory of rocket components in accordance with the Non-Nuclear Ordnance Requirement, and to maintain those inventory levels as training and combat usage occurs. Production is for complete units/operationally configured units to satisfy the requirement of applicable specifications of Airborne Rockets, All types.												
[P40A / Rockets Hardware]: 2.75-inch and 5.00-inch rockets are employed by both rotary and fixed wing platforms across several mission areas. Current employment typically includes the Close Air Support and Military Operations in Urban Terrain missions.												
[P40A / (Q5898) M282 MULTI-PURPOSE PENETRATOR (MPP)]: The M282 MPP 13.8lb warhead will provide United States Marine Corps aircrew and ground commanders greatly enhanced weaponizing options to engage targets protected by urban and cave environments. This warhead provides a low-cost penetrator warhead in urgent need in the current fight in Afghanistan and Iraq, and will directly improve aviation fire support to the Marine Air-Ground Task Force now and in the future.												
[P40A / (Q5899) MK 152 WARHEAD]: The MK152 10lb warheads with the MK435 fuzes are an improvement over the M151 10lb warhead in Insensitive Munitions (IM) reactions. The IM improvements increase safety, and will allow for fewer restrictions on shipboard operations. These warheads are required for shipboard operations with Advanced Precision Kill Weapon System (APKWS) II.												
[P40A / Rocket Launchers]: Provides for 2.75 Inch Rocket Launchers including the LAU-61 G/A Digital Rocket Launcher (DRL) and LAU-68 F/A.												
[P40A / APKWS]: ADVANCED PRECISION KILL WEAPON SYSTEM (APKWS): APKWS was an Army System Development and Demonstration (SD&D) program to develop a low cost Semi Active Laser (SAL) precision guidance section for existing 2.75-inch unguided rockets. APKWS II will provide an inexpensive, small, lightweight, precision-guided weapon that is effective against soft and lightly armored targets, which enhances crew survivability with increased standoff range. Through addition of a mid-body guidance section, APKWS II offers precision, maximum stored kills per aircraft sortie, minimum collateral damage potential, and increased effectiveness over legacy unguided rockets. The guidance package can be assembled with existing unguided rocket components (warhead and rocket motor), and can be fired from 2.75-inch rocket launchers. The SD&D program was completed in 3Q FY10. APKWS II received Milestone C approval in April 2010. Full-Rate Procurement Decision approved 3Q FY12. Initial operational capability was declared in March 2012 in Afghanistan supporting Operation Enduring Freedom.												
[P40A / (Q5871) MISCELLANEOUS ITEMS]: Provides for procurement of various rocket components not to exceed a total cost of 500K per year per component.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy	Date: March 2014
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Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition	P-1 Line Item Number / Title: 0151 / Airborne Rockets, All Types
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0204162N, 0206138M
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[P40A / (Q5850) Product Improvement (PIP)]: Provides for modifications and upgrades to Airborne Rockets, All types, programs. Efforts include configuration changes involving production, engineering, manufacturing, installation and testing that increases system or combat effectiveness to extend the useful military life of an item, and/or to improve the item within the current performance envelope.

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Airborne Rockets, All Types	P-40a		-	-	558.731	-	-	130.311	-	-	95.743	-	-	70.396	-	-	-	-	-	70.396
Total Gross/Weapon System Cost			-	-	558.731	-	-	130.311	-	-	95.743	-	-	70.396	-	-	-	-	-	70.396

*For P-40as, Title represents the P40a Title.

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

Justification:

FY15 funding is required for the baseline program. The increase of \$11.3M from FY14 to FY15 is for APKWS for the procurement of additional rockets required to support the MH-60S platform.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0151 / Airborne Rockets, All Types							Aggregated Items Title: Airborne Rockets, All Types					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Rockets Hardware																				
1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4) ⁽¹⁾	A		1,250.01	209,119	261.401	690.13	51,277	35.388	415.02	41,532	17.237	422.90	29,236	12.364	-	-	-	422.90	29,236	12.364
1.2) (Q5041) MK 71 ROCKET MOTOR	A		-	-	56.296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) (Q5042) MK 66 ROCKET MOTOR (MOD 6)	A		-	-	0.585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) (Q5200) SMOKEY SAM	A		-	-	3.050	-	-	-	158.00	2,970	0.469	161.13	2,830	0.456	-	-	-	161.13	2,830	0.456
Subtotal: 1) Rockets Hardware			-	-	321.332	-	-	35.388	-	-	17.706	-	-	12.820	-	-	-	-	-	12.820
2) Rocket Warheads																				
2.1) (Q5030) WTU1/B INERT WARHEAD ⁽²⁾	A		257.45	52,685	13.564	75.68	58,509	4.428	70.23	11,491	0.807	71.58	10,100	0.723	-	-	-	71.58	10,100	0.723
2.2) (Q5080) MK 146 HE WARHEAD	A		18,431.82	1,100	20.275	-	-	-	1,574.82	1,978	3.115	1,601.33	1,964	3.145	-	-	-	1,601.33	1,964	3.145
2.3) (Q5090) MK 149 WARHEAD ⁽³⁾	A		22,968.57	509	11.691	-	-	-	565.75	1,308	0.740	575.85	1,200	0.691	-	-	-	575.85	1,200	0.691
2.4) (Q5897) WTU-11/ B WARHEAD	A		-	-	1.025	-	-	-	409.47	950	0.389	416.58	941	0.392	-	-	-	416.58	941	0.392
2.5) (Q5898) M282 MULTI-PURPOSE PENETRATOR (MPP) ⁽⁴⁾	A		3,373.03	4,064	13.708	3,279.74	1,362	4.467	3,319.00	43	0.143	3,375.00	40	0.135	-	-	-	3,375.00	40	0.135
2.6) (Q5899) MK 152 WARHEAD	A		1,359.33	24,576	33.407	1,369.27	19,339	26.480	1,393.20	7,695	10.721	1,417.60	711	1.008	-	-	-	1,417.60	711	1.008
Subtotal: 2) Rocket Warheads			-	-	93.670	-	-	35.375	-	-	15.915	-	-	6.094	-	-	-	-	-	6.094
3) Rocket Launchers																				
3.1) (Q5895) LAU-68 F/A (2.75") ⁽⁵⁾	A		24,721.82	417	10.309	17,174.31	218	3.744	17,222.69	952	16.396	17,560.29	50	0.878	-	-	-	17,560.29	50	0.878
3.2) (Q5900) LAU-61 G/A (2.75") DIGITAL ROCKET LAUNCHER ⁽⁶⁾	A		-	-	-	61,636.36	22	1.356	62,745.81	101	6.337	63,957.98	24	1.535	-	-	-	63,957.98	24	1.535
Subtotal: 3) Rocket Launchers			-	-	10.309	-	-	5.100	-	-	22.733	-	-	2.413	-	-	-	-	-	2.413
4) APKWS																				
4.1) (Q5896) APKWS G&C SECTIONS	A		28,498.36	1,832	52.209	28,039.00	1,476	41.386	28,571.74	1,186	33.886	29,114.47	1,555	45.273	-	-	-	29,114.47	1,555	45.273
Subtotal: 4) APKWS			-	-	52.209	-	-	41.386	-	-	33.886	-	-	45.273	-	-	-	-	-	45.273

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0151 / Airborne Rockets, All Types						Aggregated Items Title: Airborne Rockets, All Types						
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5) Other																				
5.1) (Q5871) MISCELLANEOUS ITEMS	A		-	-	6.717	-	-	0.729	-	-	0.100	-	-	0.100	-	-	-	-	-	0.100
5.2) (Q5870) CONTAINERS ⁽⁷⁾	A		-	-	12.253	-	-	4.018	-	-	1.041	-	-	0.888	-	-	-	-	-	0.888
Subtotal: 5) Other			-	-	18.970	-	-	4.747	-	-	1.141	-	-	0.988	-	-	-	-	-	0.988
6) (Q5800) Integrated Logistics Support (ILS)																				
6.1) ROCKET WARHEADS-ILS	A		-	-	2.876	-	-	0.154	-	-	0.165	-	-	0.170	-	-	-	-	-	0.170
6.2) ROCKET LAUNCHERS-ILS	A		-	-	0.340	-	-	0.097	-	-	0.097	-	-	0.088	-	-	-	-	-	0.088
6.3) APKWS-ILS	A		-	-	0.147	-	-	0.055	-	-	0.047	-	-	0.047	-	-	-	-	-	0.047
6.4) OTHER-ILS	A		-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 6) (Q5800) Integrated Logistics Support (ILS)			-	-	3.399	-	-	0.306	-	-	0.309	-	-	0.305	-	-	-	-	-	0.305
7) (Q5850) Product Improvement (PIP)																				
7.1) ROCKET WARHEADS-PIP	A		-	-	13.460	-	-	0.079	-	-	0.369	-	-	0.378	-	-	-	-	-	0.378
7.2) ROCKET LAUNCHERS-PIP	A		-	-	0.013	-	-	-	-	-	0.004	-	-	0.007	-	-	-	-	-	0.007
7.3) APKWS-PIP	A		-	-	-	-	-	0.355	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 7) (Q5850) Product Improvement (PIP)			-	-	13.473	-	-	0.434	-	-	0.373	-	-	0.385	-	-	-	-	-	0.385
8) (Q5830) Production Engineering Support (PES)																				
8.1) ROCKET MOTORS-PES	A		-	-	8.538	-	-	2.029	-	-	1.265	-	-	0.633	-	-	-	-	-	0.633
8.2) ROCKET WARHEADS-PES	A		-	-	23.316	-	-	1.403	-	-	1.171	-	-	0.710	-	-	-	-	-	0.710
8.3) ROCKET LAUNCHERS-PES ⁽⁸⁾	A		-	-	2.254	-	-	3.400	-	-	0.529	-	-	0.175	-	-	-	-	-	0.175
8.4) APKWS-PES	A		-	-	11.261	-	-	0.743	-	-	0.715	-	-	0.600	-	-	-	-	-	0.600
Subtotal: 8) (Q5830) Production Engineering Support (PES)			-	-	45.369	-	-	7.575	-	-	3.680	-	-	2.118	-	-	-	-	-	2.118
Total			-	-	558.731	-	-	130.311	-	-	95.743	-	-	70.396	-	-	-	-	-	70.396
Footnotes:																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1	P-1 Line Item Number / Title: 0151 / Airborne Rockets, All Types	Aggregated Items Title: Airborne Rockets, All Types
<p>(1) (Q5040) MK 66 ROCKET MOTOR (MOD 4): Pricing is provided by the Army and incorporates other services' buys.</p> <p>(2) (Q5030) WTU1/B INERT WARHEAD: Pricing provided by the Army and incorporates other services' buys. FY14 Baseline and OCO unit cost is dependent on total quantities from the Army. WTU-1/B is a competitive procurement out of the Army and contract award will be July 2014 due to contracts needing 6 months to negotiate after receiving full funding.</p> <p>(3) (Q5090) MK 149 WARHEAD: Pricing provided by the Army and incorporates other services' buys.</p> <p>(4) (Q5898) M282 MULTI-PURPOSE PENETRATOR: Pricing provided by the Army and incorporates other services' buys.</p> <p>(5) (Q5895) LAU-68 F/A (2.75"): FY13 LAU-68 F/A unit cost is approximately \$16K per unit. Unit cost will vary higher within the budget due to several piece part procurement at different quantities/options, which are procure in an economic order of quantity by the prime to support our budgeted quantities of launchers. LAU-68 F/A unit cost includes the launcher structure, rocket tubes (19) within the structure, skin, thermal coating, safety switch, intervalometer and detent mechanism. FY15 cost is based on actual launcher unit cost; several piece part procurements at different quantities/options will be procured in an economic order of quantity by the prime to support budgeted quantities of launchers.</p> <p>(6) (Q5900) LAU-61 G/A (2.75"): FY13 LAU-61 G/A unit cost is approximately \$56K per unit. Unit cost will vary higher within the budget due to several piece part procurement at different quantities/options which are procure in an economic order of quantity by the prime to support our budgeted quantities of launchers. LAU-61 G/A unit cost includes the launcher structure, rocket tubes (19) within the structure, skin, thermal coating, wiring for electronics and 1760 connector, safety switch, intervalometer, detent mechanism, housing box for the Launcher Electronics Assembly (LEA) and the actual electronics board/assembly. FY15 cost is based on actual launcher unit cost; several piece part procurements at different quantities/options will be procured in an economic order of quantity by the prime to support budgeted quantities of launchers.</p> <p>(7) (Q5870) CONTAINERS: FY13 increased procurement levels are due to low stock due to lack of containers being returned from theater operations.</p> <p>(8) Rocket Launchers Production Engineering Support cost includes building of Launcher Electronic Assemblies and buildup of All Up Round Launchers.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy										Date: March 2014										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0155 / Machine Gun Ammunition													
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:												
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total								
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost (<i>\$ in Millions</i>)	437.825	38.880	28.566	20.284	-	20.284	20.559	20.954	21.329	21.762	Continuing	Continuing								
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) (<i>\$ in Millions</i>)	437.825	38.880	28.566	20.284	-	20.284	20.559	20.954	21.329	21.762	Continuing	Continuing								
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority (<i>\$ in Millions</i>)	437.825	38.880	28.566	20.284	-	20.284	20.559	20.954	21.329	21.762	Continuing	Continuing								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
<p>[#] The FY 2015 OCO Request will be submitted at a later date.</p> <p>Description: Provides for procurement of 20MM/25MM ammunition that supports various aircraft gun systems for several Type/Model/Series (T/M/S) aircraft.</p> <p>[P5 / Machine Gun Ammunition]: The ammunition procurements fall into three categories: Target Practice (TP), High Explosive Incendiary (HEI), and Inert. The TP and Inert rounds are used for training. The HEI rounds are used for warfighting and also include Semi Armor Piercing High Explosive Incendiary (SAPHEI) rounds.</p> <p>All 20MM/25MM ammunition is procured by the Joint Munitions Command, Rock Island, Illinois and Naval Surface Warfare Center, Indian Head Detachment, Picatinny, New Jersey.</p> <p>20MM rounds are procured in both linkless and linked configurations. The linkless (or bulk) rounds are used in the M61A1/A2 Gun Systems in the F/A-18 aircraft and the M197 Linkless Feed Gun System on the AH-1W/Z aircraft. The linked rounds are used in the M197 gun on AH-1W aircraft and MH60 aircraft for the Fixed Forward Firing Weapon (FFFW).</p> <p>25MM rounds are procured in the linkless configuration and are used in the GAU-12 Gun System in the AV-8B aircraft .</p>																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - 1 / Machine Gun Ammunition	P-5		-	-	437.825	-	-	38.880	-	-	28.566	-	-	20.284	-	-	-	-	-	20.284
Total Gross/Weapon System Cost			-	-	437.825	-	-	38.880	-	-	28.566	-	-	20.284	-	-	-	-	-	20.284

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition		P-1 Line Item Number / Title: 0155 / Machine Gun Ammunition
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
*For Items, Title represents the Item Number / Title [DODIC].		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		

Justification:
FY 2015 funding is required for the baseline program.

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0155 / Machine Gun Ammunition							Item Number / Title [DODIC]: 1 / Machine Gun Ammunition								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					437.825			38.880			28.566			20.284			-			20.284		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					437.825			38.880			28.566			20.284			-			20.284		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					437.825			38.880			28.566			20.284			-			20.284		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																						
Initial Spares <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total				
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)		
Hardware - Machine Gun Ammunition Cost																						
Recurring Cost																						
1.1.1) (Q4010) 20MM LINKLESS, TP			28.76	4,953,858	142.471	10.25	1,627,219	16.679	10.36	378,282	3.919	10.54	392,884	4.141	-	-	-	10.54	392,884	4.141		
1.1.2) (Q4050) 20MM LINKLESS, HEI ⁽¹⁾			72.17	989,305	71.397	24.51	462,872	11.345	25.25	684,436	17.282	26.01	362,168	9.420	-	-	-	26.01	362,168	9.420		
1.1.3) (Q4060) 20MM LINKED, TP			46.02	1,689,485	77.752	-	-	-	15.97	63	0.001	16.45	61	0.001	-	-	-	16.45	61	0.001		
1.1.4) (Q4070) 20MM LINKED, HEI			112.39	673,448	75.690	-	-	-	22.71	44	0.001	23.39	43	0.001	-	-	-	23.39	43	0.001		
1.1.5) (Q4080) 20MM LINKLESS, TP-T ⁽²⁾			20.18	349,232	7.046	-	-	-	16.10	143,354	2.308	16.39	61	0.001	-	-	-	16.39	61	0.001		
1.1.6) (Q4090) 25MM LINKLESS, TP ⁽³⁾			18.05	276,222	4.987	17.35	189,049	3.280	18.21	126,744	2.308	19.23	52	0.001	-	-	-	19.23	52	0.001		
1.1.7) (Q4150) 25MM LINKLESS, HEI ⁽⁴⁾			65.68	195,576	12.846	40.80	110,294	4.500	41.53	24	0.001	42.27	94,630	4.000	-	-	-	42.27	94,630	4.000		
1.1.8) (Q4200) INERT ROUND			45.74	10,931	0.500	19.13	9,304	0.178	19.70	5,076	0.100	20.29	4,929	0.100	-	-	-	20.29	4,929	0.100		
Subtotal: Recurring Cost			-	-	392.689	-	-	35.982	-	-	25.920	-	-	17.665	-	-	-	-	-	17.665		
Subtotal: Hardware - Machine Gun Ammunition Cost			-	-	392.689	-	-	35.982	-	-	25.920	-	-	17.665	-	-	-	-	-	17.665		
Support - Product Improvement Cost																						
2.1) (Q4850) Machine Gun Ammunition			-	-	9.906	-	-	-	-	-	0.652	-	-	0.663	-	-	-	-	-	0.663		

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Exhibit P-5, Cost Analysis: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0155 / Machine Gun Ammunition							Item Number / Title [DODIC]: 1 / Machine Gun Ammunition				
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - Product Improvement Cost</i>		-	-	9.906	-	-	-	-	-	0.662	-	-	0.663	-	-	-	-	-	0.663
Support - Integrated Logistics Cost																			
3.1) (Q4800) Machine Gun Ammunition		-	-	6.265	-	-	0.545	-	-	0.665	-	-	0.621	-	-	-	-	-	0.621
<i>Subtotal: Support - Integrated Logistics Cost</i>		-	-	6.265	-	-	0.545	-	-	0.665	-	-	0.621	-	-	-	-	-	0.621
Support - Production Engineering Cost																			
4.1) (Q4830) Machine Gun Ammunition		-	-	28.965	-	-	2.353	-	-	1.329	-	-	1.335	-	-	-	-	-	1.335
<i>Subtotal: Support - Production Engineering Cost</i>		-	-	28.965	-	-	2.353	-	-	1.329	-	-	1.335	-	-	-	-	-	1.335
Gross/Weapon System Cost		-	-	437.825	-	-	38.880	-	-	28.566	-	-	20.284	-	-	-	-	-	20.284

Footnotes:

- (1) [(Q4050) 20MM LINKLESS, HEI]: FY15 baseline unit cost estimates are contingent upon anticipated FY15 Overseas Contingency Operations funding.
- (2) [(Q4080) 20MM LINKLESS, TP-T]: FY13 through FY17 funding reflects an increase in procurement of items every other year to obtain the most economical buys.
- (3) [(Q4090) 25MM LINKLESS, TP]: FY14 through FY17 funding reflects an increase in procurement of items every other year to obtain the most economical buys.
- (4) [(Q4150) 25MM LINKLESS, HEI]: FY13 through FY17 funding reflects an increase in procurement of items every other year to obtain the most economical buys.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0160 / Practice Bombs					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	729.513	30.614	31.473	26.701	-	26.701	26.830	27.564	27.652	27.765	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	729.513	30.614	31.473	26.701	-	26.701	26.830	27.564	27.652	27.765	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	729.513	30.614	31.473	26.701	-	26.701	26.830	27.564	27.652	27.765	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p>[#] The FY 2015 OCO Request will be submitted at a later date.</p> <p>Description: The purpose of the Practice Bombs program is to procure a variety of practice bombs as a low cost alternative to expenditures of live bombs for training. These practice bombs support training for various Navy and Marine Corps aircraft. The various MK series bombs, procured through this PE/BLI, are procured by the Army Joint Munitions Command, the Single Manager for Conventional Ammunition.</p> <p>[P5 / Q1061 BDU-48]: The BDU-48 Practice Bomb is a thin cased 10 lb cylindrical practice bomb that simulates the same ballistic properties of a high-drag General Purpose Bomb. Since practice bombs contain no explosive filler, a practice bomb signal cartridge (smoke) is used for visual observation of weapon target impact. Practice bombs provide a low cost training device for pilot and ground handling crews. Due to the relatively small amount of explosive material in practice bombs (small signal charge), the availability of ranges for training is greatly increased.</p> <p>[P5 / Q1300 ELGTR]: The Enhanced Laser Guided Training Round (ELGTR) is procured directly by the Navy. This round enhances the effective use of the PAVEWAY II Laser Guided Bombs (LGB) precision guided weapon which requires coordination between the aircrew and the laser designator. Development of delivery options and multi-aircraft tactics require extensive, cost effective training. The ELGTR is capable of replicating the kinematics of LGBs to provide increased training capability and follow-on advanced tactics development and is suitable for launch from all Navy and Marine Corps aircraft used to deploy LGBs.</p> <p>[P5 / Miscellaneous]: The Miscellaneous Items line includes low cost items such as M70 series cables, MK 89 Adapters, Arming Wires, Lugs, Nose Plugs, containers, etc.</p> <p>[P5 / Q1850 Product Improvement Program (PIP)]: The Product Improvement Program cost element funds efforts to investigate and incorporate design changes to address manufacturing, production and minor technology insertions to modify and improve practice stores system reliability and producibility. The Precision Guided Training Round will emulate precision guided weapons and will optimally meet all current and future precision guided weapon training requirements in a cost effective manner.</p>												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition												P-1 Line Item Number / Title: 0160 / Practice Bombs									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Item - 1 / Practice Bombs	P-5		-	-	729.513	-	-	30.614	-	-	31.473	-	-	26.701	-	-	-	-	-	26.701	
Total Gross/Weapon System Cost			-	-	729.513	-	-	30.614	-	-	31.473	-	-	26.701	-	-	-	-	-	26.701	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					

Justification:

FY15 funds the baseline program. Funding is required to procure practice bombs (MK76, and Enhanced Laser Guided Training Rounds) to support training. FY15 is funded at a lower level than FY14.

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0160 / Practice Bombs							Item Number / Title [DODIC]: 1 / Practice Bombs								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity (<i>Units in Each</i>)					-			-			-			-			-			-		
Gross/Weapon System Cost (<i>\$ in Millions</i>)					729.513			30.614			31.473			26.701			-			26.701		
Less PY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-		
Net Procurement (P1) (<i>\$ in Millions</i>)					729.513			30.614			31.473			26.701			-			26.701		
Plus CY Advance Procurement (<i>\$ in Millions</i>)					-			-			-			-			-			-		
Total Obligation Authority (<i>\$ in Millions</i>)					729.513			30.614			31.473			26.701			-			26.701		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																						
Initial Spares (<i>\$ in Millions</i>)					-			-			-			-			-			-		
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total					
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)			
Hardware - Practice Bombs Cost																						
Recurring Cost																						
1.1.1) Q1061 BDU-48		-	-	5.395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1.1.2) Q1010 MK 76		-	-	-	93.29	74,868	6.984	-	-	-	57.36	82,723	4.745	-	-	-	57.36	82,723	4.745			
1.1.3) Q1040 MK 82 INERT		2,202.63	7,220	15.903	2,469.00	810	2.000	2,512.29	4,732	11.888	-	-	-	-	-	-	-	-	-			
Subtotal: Recurring Cost		-	-	21.298	-	-	8.984	-	-	11.888	-	-	4.745	-	-	-	-	-	4.745			
Subtotal: Hardware - Practice Bombs Cost		-	-	21.298	-	-	8.984	-	-	11.888	-	-	4.745	-	-	-	-	-	4.745			
Hardware - Precision Guided Practice Bombs Cost																						
Recurring Cost																						
2.1.1) Q1300 ELGTR (1)		2,882.28	20,677	59.597	3,320.00	4,500	14.940	3,334.00	4,777	15.927	3,412.00	5,293	18.060	-	-	-	3,412.00	5,293	18.060			
Subtotal: Recurring Cost		-	-	59.597	-	-	14.940	-	-	15.927	-	-	18.060	-	-	-	-	-	18.060			
Subtotal: Hardware - Precision Guided Practice Bombs Cost		-	-	59.597	-	-	14.940	-	-	15.927	-	-	18.060	-	-	-	-	-	18.060			
Hardware - Miscellaneous Cost																						
Recurring Cost																						
3.1.1) Q1062 Miscellaneous Items (2)		-	-	2.218	-	-	0.896	-	-	0.753	-	-	0.945	-	-	-	-	-	0.945			
Subtotal: Recurring Cost		-	-	2.218	-	-	0.896	-	-	0.753	-	-	0.945	-	-	-	-	-	0.945			
Subtotal: Hardware - Miscellaneous Cost		-	-	2.218	-	-	0.896	-	-	0.753	-	-	0.945	-	-	-	-	-	0.945			

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0160 / Practice Bombs						Item Number / Title [DODIC]: 1 / Practice Bombs						
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - Prior Years Cost																			
Non Recurring Cost																			
4.1.1) Prior Years		-	-	630.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost		-	-	630.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - Prior Years Cost		-	-	630.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - Integrated Logistics Cost																			
5.1) Q1800 Practice Bombs ILS		-	-	0.176	-	-	0.062	-	-	0.064	-	-	0.065	-	-	-	-	-	0.065
5.2) Q1800 Precision Guided Practice Bombs ILS		-	-	0.284	-	-	0.114	-	-	0.116	-	-	0.118	-	-	-	-	-	0.118
Subtotal: Support - Integrated Logistics Cost		-	-	0.460	-	-	0.176	-	-	0.180	-	-	0.183	-	-	-	-	-	0.183
Support - Production Engineering Cost																			
6.1) Q1830 Practice Bombs PES		-	-	2.219	-	-	0.975	-	-	1.008	-	-	1.021	-	-	-	-	-	1.021
6.2) Q1830 Precision Guided Practice Bombs PES		-	-	7.556	-	-	1.756	-	-	0.833	-	-	0.843	-	-	-	-	-	0.843
Subtotal: Support - Production Engineering Cost		-	-	9.775	-	-	2.731	-	-	1.841	-	-	1.864	-	-	-	-	-	1.864
Support - Miscellaneous Support Cost																			
7.1) Q1850 Product Improvement Program (PIP)		-	-	5.205	-	-	2.625	-	-	0.617	-	-	0.632	-	-	-	-	-	0.632
7.2) Q1894 Gaging		-	-	0.760	-	-	0.262	-	-	0.267	-	-	0.272	-	-	-	-	-	0.272
Subtotal: Support - Miscellaneous Support Cost		-	-	5.965	-	-	2.887	-	-	0.884	-	-	0.904	-	-	-	-	-	0.904
Gross/Weapon System Cost		-	-	729.513	-	-	30.614	-	-	31.473	-	-	26.701	-	-	-	-	-	26.701
Remarks: [Support Cost] Integrated Logistics increase between PB14 and PB15 is based on actual labor requirements for FY13 and were updated though the FYDP to more accurately capture support costs for the program. [Support Cost] Production Engineering increase between PB14 and PB15 is based on actual labor requirements for FY13 and were updated though the FYDP to more accurately capture support costs for the program. Footnotes: (1) Q1300 ELGTR - The increase in funding from FY14 to FY15 is based on pricing options negotiated in the FY13 base year contract.																			

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Exhibit P-5, Cost Analysis: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1	P-1 Line Item Number / Title: 0160 / Practice Bombs	Item Number / Title [DODIC]: 1 / Practice Bombs
<p>⁽²⁾ Q1062 Miscellaneous Items - The increase above inflation in FY15 is due to a potential alternative container requirement for ELGTR.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0180 / Cartridge Actuated Devices/Propellant Act Devices					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	557.670	49.827	53.764	53.866	-	53.866	54.783	55.840	56.786	57.907	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	557.670	49.827	53.764	53.866	-	53.866	54.783	55.840	56.786	57.907	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	557.670	49.827	53.764	53.866	-	53.866	54.783	55.840	56.786	57.907	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p>[#] The FY 2015 OCO Request will be submitted at a later date.</p> <p>Description: Cartridge Actuated Devices/Propellant Act Devices (CAD/PAD) program's purpose is to procure life-limited energetic devices utilized in aircraft egress and safety systems, personnel gear, and to release a weapon or other store from the USN and Marine Corps aircraft platforms. The CAD/PAD yearly requirement is modeled based upon the active Aircraft in OPNAV's All report and the assigned service life of the individual CAD/PADs. Due to the individually unique service lives, the yearly requirement of items and their respective quantities is variable. Aircraft platforms supported include, but are not limited to F/A-18 E/F/ G, V-22 Osprey, and T-6A (JPATS).</p> <p>[P40A / Hardware-Stores Release]: Stores Release cartridges are utilized to release weapons and other stores from aircraft. The JAU-22/B impulse cartridge is utilized to eject sonobouys. The CCU-107 to release "light" weapons/stores from aircraft. The CCU-45 (MD65) to release "heavy" weapons/stores.</p> <p>[P40A / Hardware Safety]: Items such as safety/arming devices, sequence controls, shielded mild detonating cords, gas generators, initiators, thrusters, fire extinguisher cartridges, thermal batteries, rocket motors, catapults, etc, are used in aircraft emergency escape and safety systems. These explosives have finite service lives and are replaced during scheduled maintenance. An aircraft may be grounded if a single one of these items does not meet standard. Other items procured such as FLU-12/P Deck Crew Life Vest Inflator and the FLU-8B/P automatic life vest inflator are essential to crew survival after ejection or being thrown overboard.</p> <p>[P40A / (Q8302) T-6A (JPATS) CAD/PADs]: Q3802: T-6A (JPATS) CAD/PADS - Funding provides Under Seat Rocket Motor, Impulse Cartridge, Internal Canopy Mechanical Actuated Initiator, Seat Movement Mechanical Actuated Initiator, External Canopy Mechanical Actuated Initiator, Laser Initiator, Donor Assembly, Manifolds, Shielded Mild Detonating Cord Transfer Line, and Holder Assembly.</p>												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy																	Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition												P-1 Line Item Number / Title: 0180 / Cartridge Actuated Devices/Propellant Act Devices									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Cartridge Actuated Devices/ Propellant Act Devices	P-40a		-	-	557.670	-	-	49.827	-	-	53.764	-	-	53.866	-	-	-	-	-	53.866	
Total Gross/Weapon System Cost			-	-	557.670	-	-	49.827	-	-	53.764	-	-	53.866	-	-	-	-	-	53.866	
*For P-40as, Title represents the P40a Title.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY15 funding is required for the baseline program. Fleet requirements are calculated using the Requirements Determination Model (RDM) and take into account the aircraft installed CAD/PAD data, service life data, on-hand inventory data, procurement lead time data, historical cost data and projected contract delivery date data. Fluctuations in CAD/PAD requirements vary by aircraft platform supported and may change across FYs dependent upon actual need.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0180 / Cartridge Actuated Devices/Propellant Act Devices							Aggregated Items Title: Cartridge Actuated Devices/Propellant Act Devices					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Hardware-Stores Release																				
1.1) (Q8090) JAU-22/ B Initiator CTG (MF64)	A		21.21	170,000	3.605	30.90	40,000	1.236	27.00	40,000	1.080	27.54	40,000	1.102	-	-	-	27.54	40,000	1.102
1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92)	A		8.54	310,000	2.647	7.99	140,000	1.119	9.85	140,000	1.379	10.05	140,000	1.407	-	-	-	10.05	140,000	1.407
1.3) (Q8201) CCU-45 Impulse CTG (MD65)	A		7.48	170,000	1.272	8.80	55,323	0.487	9.05	78,720	0.712	9.23	75,000	0.692	-	-	-	9.23	75,000	0.692
Subtotal: 1) Hardware-Stores Release			-	-	7.524	-	-	2.842	-	-	3.171	-	-	3.201	-	-	-	-	-	3.201
2) Hardware Safety																				
2.1) (Q8060) Thermal Battery (CWDR) ⁽¹⁾	A		4,040.78	515	2.081	4,779.87	159	0.760	4,423.79	199	0.880	4,512.27	209	0.943	-	-	-	4,512.27	209	0.943
2.2) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSWCT, Indian Head	A		1,862.22	900	1.676	1,930.00	300	0.579	1,966.65	300	0.590	2,007.00	300	0.602	-	-	-	2,007.00	300	0.602
2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)	A		3,657.34	1,929	7.055	3,693.09	391	1.444	2,858.90	1,056	3.019	4,074.00	649	2.644	-	-	-	4,074.00	649	2.644
2.4) (Q8071) MK 123 Underseat RCKT Motor (MT30) - Reworked	A		3,912.09	91	0.356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)	A		9,694.92	59	0.572	9,308.36	55	0.512	9,494.54	26	0.247	9,684.42	26	0.252	-	-	-	9,684.42	26	0.252
2.6) (Q8081) MK 124 Underseat RCKT Motor (MT31) - Reworked	A		3,876.81	138	0.535	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.7) (Q8081) MK 124 Underseat RCKT Motor (MT31)	A		9,197.53	81	0.745	9,308.35	108	1.005	9,494.53	34	0.323	9,684.41	34	0.329	-	-	-	9,684.41	34	0.329
2.8) (Q8140) FLU-8/9/12 Inflators (FW98/BY81JL09)	A		-	-	6.961	-	-	2.100	-	-	2.538	-	-	2.413	-	-	-	-	-	2.413
2.9) (Q8160) JAU-74 INIT/CCU-146 CTG (WB15/16)	A		-	-	5.962	-	-	1.909	-	-	2.505	-	-	1.975	-	-	-	-	-	1.975
2.10) (Q8180) F-18 DIFRS (SR95/WB19) ⁽²⁾	A		-	-	4.100	-	-	0.934	-	-	1.608	-	-	2.800	-	-	-	-	-	2.800

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1									P-1 Line Item Number / Title: 0180 / Cartridge Actuated Devices/Propellant Act Devices							Aggregated Items Title: Cartridge Actuated Devices/Propellant Act Devices				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.11) (Q8300) Navy Aircrew Common Ejection Seats	A		-	-	4.642	-	-	1.562	-	-	1.499	-	-	1.410	-	-	-	-	-	1.410
2.12) (Q8301) F-18E/ F/G & V-22 Fire Suppression Gas ⁽³⁾	A		-	-	6.257	-	-	3.692	-	-	3.105	-	-	3.540	-	-	-	-	-	3.540
2.13) (Q8302) T-6A (JPATS) CAD/PADs ⁽⁴⁾	A		-	-	7.888	-	-	5.488	-	-	5.017	-	-	7.088	-	-	-	-	-	7.088
Subtotal: 2) Hardware Safety			-	-	48.830	-	-	19.985	-	-	21.331	-	-	23.996	-	-	-	-	-	23.996
3) Hardware-Misc. Devices																				
3.1) (Q8600) Misc. Devices Under \$500k ⁽⁵⁾	A		-	-	47.077	-	-	13.863	-	-	16.689	-	-	13.904	-	-	-	-	-	13.904
Subtotal: 3) Hardware-Misc. Devices			-	-	47.077	-	-	13.863	-	-	16.689	-	-	13.904	-	-	-	-	-	13.904
4) (Q8800) Intergrated Logistics Support																				
4.1) Stores Release ILS	A		-	-	0.486	-	-	0.213	-	-	0.240	-	-	0.245	-	-	-	-	-	0.245
4.2) Safety ILS	A		-	-	1.979	-	-	0.707	-	-	0.780	-	-	0.795	-	-	-	-	-	0.795
4.3) Misc. Devices ILS	A		-	-	1.286	-	-	0.358	-	-	0.284	-	-	0.289	-	-	-	-	-	0.289
Subtotal: 4) (Q8800) Intergrated Logistics Support			-	-	3.751	-	-	1.278	-	-	1.304	-	-	1.329	-	-	-	-	-	1.329
5) (Q8820) Reliability Life																				
5.1) Stores Release Reliability Life	A		-	-	0.319	-	-	0.100	-	-	0.125	-	-	0.127	-	-	-	-	-	0.127
5.2) Safety Reliability Life	A		-	-	1.308	-	-	0.360	-	-	0.312	-	-	0.318	-	-	-	-	-	0.318
5.3) Misc. Devices Reliability Life	A		-	-	0.847	-	-	0.191	-	-	0.150	-	-	0.153	-	-	-	-	-	0.153
Subtotal: 5) (Q8820) Reliability Life			-	-	2.474	-	-	0.651	-	-	0.587	-	-	0.598	-	-	-	-	-	0.598
6) (Q8830) Production Engineering																				
6.1) Stores Release PES	A		-	-	1.919	-	-	0.835	-	-	1.064	-	-	1.084	-	-	-	-	-	1.084
6.2) Safety PES ⁽⁶⁾	A		-	-	7.782	-	-	2.776	-	-	3.225	-	-	3.286	-	-	-	-	-	3.286
6.3) Misc. Devices PES	A		-	-	4.524	-	-	0.913	-	-	0.727	-	-	0.741	-	-	-	-	-	0.741
Subtotal: 6) (Q8830) Production Engineering			-	-	14.225	-	-	4.524	-	-	5.016	-	-	5.111	-	-	-	-	-	5.111

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy												Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1						P-1 Line Item Number / Title: 0180 / Cartridge Actuated Devices/Propellant Act Devices						Aggregated Items Title: Cartridge Actuated Devices/Propellant Act Devices							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
7) (Q8840) Quality Assurance																				
7.1) Stores Release QA	A		-	-	0.270	-	-	0.117	-	-	0.130	-	-	0.132	-	-	-	-	-	0.132
7.2) Safety QA	A		-	-	1.090	-	-	0.419	-	-	0.454	-	-	0.463	-	-	-	-	-	0.463
7.3) Misc. Devices QA	A		-	-	0.707	-	-	0.190	-	-	0.156	-	-	0.159	-	-	-	-	-	0.159
Subtotal: 7) (Q8840) Quality Assurance			-	-	2.067	-	-	0.726	-	-	0.740	-	-	0.754	-	-	-	-	-	0.754
8) (Q8850) Product Improvement																				
8.1) Stores Release PIP	A		-	-	1.161	-	-	0.507	-	-	0.579	-	-	0.575	-	-	-	-	-	0.575
8.2) Safety PIP	A		-	-	4.735	-	-	1.808	-	-	1.975	-	-	1.998	-	-	-	-	-	1.998
8.3) Misc. Devices PIP	A		-	-	3.073	-	-	0.857	-	-	0.680	-	-	0.676	-	-	-	-	-	0.676
Subtotal: 8) (Q8850) Product Improvement			-	-	8.969	-	-	3.172	-	-	3.234	-	-	3.249	-	-	-	-	-	3.249
9) (Q8860) Acceptance Testing																				
9.1) Stores Release Acceptance Testing	A		-	-	1.422	-	-	0.357	-	-	0.433	-	-	0.441	-	-	-	-	-	0.441
9.2) Safety Acceptance Testing	A		-	-	5.852	-	-	1.619	-	-	0.728	-	-	0.742	-	-	-	-	-	0.742
9.3) Misc. Devices Acceptance Testing	A		-	-	3.738	-	-	0.810	-	-	0.531	-	-	0.541	-	-	-	-	-	0.541
Subtotal: 9) (Q8860) Acceptance Testing			-	-	11.012	-	-	2.786	-	-	1.692	-	-	1.724	-	-	-	-	-	1.724
10) Prior Years																				
10.1) Prior To FY10	A		-	-	411.741	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 10) Prior Years			-	-	411.741	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	557.670	-	-	49.827	-	-	53.764	-	-	53.866	-	-	-	-	-	53.866

Footnotes:

- (1) FY15 funding increased above inflation rate from FY14 due to requirements determination process. The yearly requirements are modeled based upon the active Aircraft in the OPNAV A-11 report and the assigned service life of the individual CAD/PAD. Due to the changing number of aircraft and unique services lives, the requirement and respective quantities are variable.
- (2) Due to an increase of the production lead time, requirements for the DIFR items increased in FY15 in order to have adequate time to manufacture items and meet delivery schedule.
- (3) FY15 funding increased above inflation rate from FY14 due to requirements determination process. The yearly requirements are modeled based upon the active Aircraft in the OPNAV A-11 report and the assigned service life of the individual CAD/PAD. Due to the changing number of aircraft and unique services lives, the requirement and respective quantities are variable.
- (4) FY15 funding increased above inflation rate from FY14 due to requirements determination process. The yearly requirements are modeled based upon the active Aircraft in the OPNAV A-11 report and the assigned service life of the individual CAD/PAD. Due to the changing number of aircraft and unique services lives, the requirement and respective quantities are variable.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1	P-1 Line Item Number / Title: 0180 / Cartridge Actuated Devices/Propellant Act Devices	Aggregated Items Title: Cartridge Actuated Devices/Propellant Act Devices

⁽⁵⁾ Regarding Miscellaneous Devices, there is a specific dollar threshold for these items where CADPAD also procures Initiator and Impulse Cartridges, along with other devices. Adjustments in the MISC devices line is due to the Requirements Determination Model's (RDM's) latest requirements projection across the FYDP.

⁽⁶⁾ FY 15 funding line increased 4% from PB14 to PB15 due to WB55 Red Stripe issue.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0182 / Air Expendable Countermeasures					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements: 0604270N, 0604279N				
Line Item MDAP/MAIS Code: 418			Item MDAP/MAIS Code(s):									
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	939.781	72.284	98.078	59.294	-	59.294	66.285	74.143	80.412	82.026	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	939.781	72.284	98.078	59.294	-	59.294	66.285	74.143	80.412	82.026	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	939.781	72.284	98.078	59.294	-	59.294	66.285	74.143	80.412	82.026	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date.												
Description: The Airborne Expendable Countermeasures (AECM) line provides funding for procurement of countermeasure self-protection devices for all DoN and Marine Corps tactical, rotary and other fixed-wing aircraft. The AECM Program is divided into the following threat related groupings: (1) Radio Frequency (RF) Active Jammers, (2) Infra-Red (IR) Decoys (3) associated impulse cartridges, (4) Chaff Countermeasures and (5) F-35 Countermeasures. [P40A / ACTIVE JAMMERS]: Active Jammers: The Advanced Airborne Expendable Decoy (AAED), part of the ALE-50 program, is being replaced by the ALE-55 Fiber Optic Towed Decoy (FOTD). The FOTD, when integrated with the rest of the F/A-18E/F EW suite (i.e., ALQ-214, ALR-67(V)3, ALE-47 and ALE-50), the associated cockpit controls, displays and other avionics significantly improves the survivability of the host aircraft in a Radio Frequency (RF) threat environment. The FOTD is part of the Integrated Defensive Electronic Countermeasure (IDECM) Radio Frequency Countermeasure (RFCM) Block 3 (IB-3) program. ALE-55 Milestone (MS) III was conducted July 2011. Initial operational capability (IOC) was achieved July 2011. AAED and FOTD were developed utilizing RDT&E,N PE 0604270N, Project Unit 2175. The GEN-X active RF decoy is dispensed from the ALE-47 system and protects all Navy and Marine Corps fixed wing aircraft from modern surface-to-air and air-to-air threats. [P40A / IR DECOYS]: IR Decoys: The MJU-49/32/38 are currently used by all aircraft except the KC130J/T to provide self protection from surface to air/air to air Infra-Red missiles. The MJU-61 and MJU-64 are used on the KC-130J/T, UC-35D and UC-12 aircraft to provide self protection from surface to air/air to air Infra-Red missiles. The SM-875 is a dedicated, low cost training device. The MJU-57 provides a kinematic Infra-Red Countermeasure. Procurement of MJU-66 advanced spectral countermeasure will begin in FY 2013 in support of KC-130J/T and UC-35D. The MJU-67 provides an enhanced spectral signature which will improve decoy effectiveness. [P40A / IMPULSE CARTRIDGES]: Impulse Cartridges: Used to propel the self-protection devices away from the aircraft. The CCU-136 is used by all airframes except the KC-130J/T and UC-35D. The CCU-145 is used on KC-130J/T and UC-35D. [P40A / CHAFF COUNTERMEASURES]: Chaff Countermeasures: The RR-129 is the operational round used on all Navy platforms. The RR-144 is a dedicated training round used on all airframes except the USMC KC-130J/T. The RR-144 training round does not interfere with Federal Aviation Administration (FAA) tracking radars. The RR-170 is the operational round procured in support of the KC-130J/T and UC-35D.												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy																Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition												P-1 Line Item Number / Title: 0182 / Air Expendable Countermeasures											
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements: 0604270N, 0604279N											
Line Item MDAP/MAIS Code: 418				Item MDAP/MAIS Code(s):																			
[P40A / F-35 COUNTERMEASURES]: F-35 Countermeasures: This grouping includes all unique countermeasures that provide self protection for the Joint Strike Fighter (JSF) aircraft, specifically ALE-70, MJU-68, MJU-69 and CCU-168.																							
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total					
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)			
Air Expendable Countermeasures	P-40a		-	-	939.781	-	-	72.284	-	-	98.078	-	-	59.294	-	-	-	-	-	59.294			
Total Gross/Weapon System Cost			-	-	939.781	-	-	72.284	-	-	98.078	-	-	59.294	-	-	-	-	-	59.294			
*For P-40as, Title represents the P40a Title.																							
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																							
Justification: FY15 funds the baseline program. Funds meet minimum Naval Munitions Requirement Process (NMRP) levels supported by OPNAV N98. This funding level does not replace combat expenditures as in prior years.																							

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0182 / Air Expendable Countermeasures								Aggregated Items Title: Air Expendable Countermeasures ⁽¹⁾					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) ACTIVE JAMMERS																					
1.1) ALE-50 (AAED)	A		-	-	54.095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.2) ALE-55 (FOTD)	A		101,059.55	890	89.943	65,089.00	269	17.509	70,059.00	262	18.355	70,303.89	283	19.896	-	-	-	70,303.89	283	19.896	
1.3) TECHNICAL SUPPORT (ACTIVE JAMMER)	A		-	-	-	-	-	-	-	-	0.753	-	-	0.697	-	-	-	-	-	0.697	
Subtotal: 1) ACTIVE JAMMERS			-	-	144.038	-	-	17.509	-	-	19.108	-	-	20.593	-	-	-	-	-	20.593	
2) IR DECOYS																					
2.1) MJU-32	A		145.44	297,740	43.302	52.09	96,646	5.034	52.90	139,045	7.355	54.72	66,045	3.614	-	-	-	54.72	66,045	3.614	
2.2) MJU-38	A		181.27	205,464	37.245	52.85	58,410	3.087	53.92	77,738	4.192	54.94	30,249	1.662	-	-	-	54.94	30,249	1.662	
2.3) MJU-49 ⁽²⁾	A		701.20	284,474	199.473	107.08	85,917	9.200	-	-	-	111.08	41,880	4.652	-	-	-	111.08	41,880	4.652	
2.4) MJU-55	A		-	-	20.105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.5) MJU-57 ⁽³⁾	A		467.04	130,078	60.752	149.53	24,564	3.673	149.53	91,319	13.655	152.37	10,586	1.613	-	-	-	152.37	10,586	1.613	
2.6) MJU-61	A		50.00	1,300	0.065	49.47	8,207	0.406	50.41	24,162	1.218	51.37	8,176	0.420	-	-	-	51.37	8,176	0.420	
2.7) MJU-64	A		-	-	-	91.61	21,591	1.978	91.61	27,737	2.541	93.35	576	0.054	-	-	-	93.35	576	0.054	
2.8) MJU-66	A		-	-	-	205.00	11,912	2.442	205.00	12,151	2.491	208.90	12,164	2.541	-	-	-	208.90	12,164	2.541	
2.9) MJU-67 ⁽⁴⁾	A		-	-	-	-	-	-	214.79	24,135	5.184	218.87	15,548	3.403	-	-	-	218.87	15,548	3.403	
2.10) SM875 ⁽⁵⁾	A		56.82	593,512	33.723	27.99	32,405	0.907	30.57	346,614	10.596	31.15	86,482	2.694	-	-	-	31.15	86,482	2.694	
Subtotal: 2) IR DECOYS			-	-	394.665	-	-	26.727	-	-	47.232	-	-	20.653	-	-	-	-	-	20.653	
3) IMPULSE CARTRIDGES																					
3.1) CCU-136	A		14.56	2,661,837	38.755	3.81	652,202	2.485	3.88	1,333,527	5.174	3.95	286,513	1.132	-	-	-	3.95	286,513	1.132	
3.2) CCU-145	A		9.25	508,366	4.701	4.97	274,044	1.362	5.06	307,044	1.554	5.16	248,718	1.283	-	-	-	5.16	248,718	1.283	
Subtotal: 3) IMPULSE CARTRIDGES			-	-	43.456	-	-	3.847	-	-	6.728	-	-	2.415	-	-	-	-	-	2.415	
4) CHAFF COUNTERMEASURES																					
4.1) RR-129	A		12.81	137,935	1.767	11.73	115,175	1.351	11.94	144,124	1.721	12.17	94,099	1.145	-	-	-	12.17	94,099	1.145	
4.2) RR-144	A		72.46	187,752	13.605	14.36	169,731	2.437	14.62	79,557	1.163	14.90	79,685	1.187	-	-	-	14.90	79,685	1.187	
4.3) RR-170	A		-	-	0.336	-	-	-	4.08	28,416	0.116	4.16	28,367	0.118	-	-	-	4.16	28,367	0.118	
4.4) RR-188	A		-	-	0.121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: 4) CHAFF COUNTERMEASURES			-	-	15.829	-	-	3.788	-	-	3.000	-	-	2.450	-	-	-	-	-	2.450	
5) F-35 COUNTERMEASURES ⁽⁶⁾																					
5.1) ALE-70 ⁽⁷⁾	A		55,494.12	340	18.868	-	-	-	52,422.00	116	6.081	50,999.98	48	2.448	-	-	-	50,999.98	48	2.448	
5.2) MJU-68 ⁽⁸⁾	A		1,937.75	1,494	2.895	2,200.00	1,081	2.378	2,361.00	737	1.740	2,426.29	312	0.757	-	-	-	2,426.29	312	0.757	
5.3) MJU-69 ⁽⁹⁾	A		2,289.00	1,000	2.289	2,200.00	1,081	2.378	2,361.00	737	1.740	2,426.29	312	0.757	-	-	-	2,426.29	312	0.757	
5.4) CCU-168 ⁽¹⁰⁾	A		363.00	1,000	0.363	300.00	1,257	0.377	476.00	418	0.199	490.40	312	0.153	-	-	-	490.40	312	0.153	

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy																Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1									P-1 Line Item Number / Title: 0182 / Air Expendable Countermeasures							Aggregated Items Title: Air Expendable Countermeasures ⁽¹⁾				
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal: 5) F-35 COUNTERMEASURES			-	-	24.415	-	-	5.133	-	-	9.760	-	-	4.115	-	-	-	-	-	4.115
6) INTEGRATED LOGISTICS SUPPORT																				
6.1) ACTIVE JAMMERS	A		-	-	2.169	-	-	0.252	-	-	0.253	-	-	0.256	-	-	-	-	-	0.256
6.2) IR DECOYS	A		-	-	13.334	-	-	1.905	-	-	0.514	-	-	0.541	-	-	-	-	-	0.541
6.3) IMPULSE CARTRIDGES	A		-	-	1.360	-	-	0.050	-	-	0.092	-	-	0.094	-	-	-	-	-	0.094
6.4) CHAFF COUNTERMEASURES	A		-	-	0.832	-	-	0.080	-	-	0.051	-	-	0.052	-	-	-	-	-	0.052
6.5) F-35 COUNTERMEASURES	A		-	-	0.234	-	-	-	-	-	0.357	-	-	0.475	-	-	-	-	-	0.475
Subtotal: 6) INTEGRATED LOGISTICS SUPPORT			-	-	17.929	-	-	2.287	-	-	1.267	-	-	1.418	-	-	-	-	-	1.418
7) PRODUCTION ENGINEERING SUPPORT																				
7.1) ACTIVE JAMMERS	A		-	-	27.921	-	-	0.706	-	-	0.715	-	-	0.725	-	-	-	-	-	0.725
7.2) IR DECOYS ⁽¹¹⁾	A		-	-	54.491	-	-	3.915	-	-	0.874	-	-	0.952	-	-	-	-	-	0.952
7.3) IMPULSE CARTRIDGES	A		-	-	4.728	-	-	0.192	-	-	0.157	-	-	0.161	-	-	-	-	-	0.161
7.4) CHAFF COUNTERMEASURES	A		-	-	2.210	-	-	0.150	-	-	0.063	-	-	0.065	-	-	-	-	-	0.065
7.5) F-35 COUNTERMEASURES	A		-	-	5.593	-	-	0.506	-	-	1.109	-	-	0.614	-	-	-	-	-	0.614
Subtotal: 7) PRODUCTION ENGINEERING SUPPORT			-	-	94.943	-	-	5.469	-	-	2.918	-	-	2.517	-	-	-	-	-	2.517
8) PRODUCT IMPROVEMENT PROGRAM																				
8.1) ACTIVE JAMMERS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.2) IR DECOYS	A		-	-	81.070	-	-	3.315	-	-	2.642	-	-	1.985	-	-	-	-	-	1.985
8.3) IMPULSE CARTRIDGES	A		-	-	11.357	-	-	0.275	-	-	0.324	-	-	0.279	-	-	-	-	-	0.279
8.4) CHAFF COUNTERMEASURES	A		-	-	0.540	-	-	0.030	-	-	0.017	-	-	0.015	-	-	-	-	-	0.015
8.5) F-35 COUNTERMEASURES	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 8) PRODUCT IMPROVEMENT PROGRAM			-	-	92.967	-	-	3.620	-	-	2.983	-	-	2.279	-	-	-	-	-	2.279
9) ACCEPTANCE TEST & EVALUATION																				

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0182 / Air Expendable Countermeasures							Aggregated Items Title: Air Expendable Countermeasures ⁽¹⁾				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
9.1) ACTIVE JAMMERS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.2) IR DECOYS	A		-	-	91.612	-	-	3.604	-	-	4.185	-	-	2.263	-	-	-	-	-	2.263
9.3) IMPULSE CARTRIDGES ⁽¹²⁾	A		-	-	15.057	-	-	0.150	-	-	0.472	-	-	0.156	-	-	-	-	-	0.156
9.4) CHAFF COUNTERMEASURES	A		-	-	4.870	-	-	0.150	-	-	0.126	-	-	0.131	-	-	-	-	-	0.131
9.5) F-35 COUNTERMEASURES	A		-	-	-	-	-	-	-	-	0.299	-	-	0.304	-	-	-	-	-	0.304
Subtotal: 9) ACCEPTANCE TEST & EVALUATION			-	-	111.539	-	-	3.904	-	-	5.082	-	-	2.854	-	-	-	-	-	2.854
Total			-	-	939.781	-	-	72.284	-	-	98.078	-	-	59.294	-	-	-	-	-	59.294

Footnotes:

- ⁽¹⁾ (a) Unit costs for hardware in FY14 have been revised from PB-14 and reflect either escalated actual unit cost in FY14 or actual pricing in contract options. The new quantities generated by these revised unit costs still result in inventory levels that are below those of the Non-Nuclear Ordnance Requirement (NNOR). (b) Deliveries funded by different fiscal year appropriations occasionally overlap (P21 Delivery Schedule) to ensure inventory goals are met without exceeding maximum production rates.
- ⁽²⁾ MJU-49 FY13 has been adjusted for current execution plan. In FY13 and FY14, quantity was reduced to meet POM14 Non Nuclear Ordnance Requirement (NNOR) inventory objective. FY14 OCO funds realigned due to decrease in combat requirement quantities. FY14 funds realigned to F-35 countermeasures.
- ⁽³⁾ MJU-57 FY13 baseline funding was eliminated due to FY2013 sequestration reductions.
- ⁽⁴⁾ (a) MJU-67 multi-spectral flare composition from a foreign supplier demonstrated in Foreign Comparative Testing failed critical qualification testing for bullet impact and was deemed unsafe for use. MJU-67 procurement delayed due to qualification failure. MJU-67 procurement is required to satisfy HQMC Urgent Operational Need Statement for fielding a multi-spectral decoy flare for self protection against advanced threats. (b) Technical correction from PANMC to RDT&E (ASPO) PE 0604279N PU 3309: FY15 \$5.4M.
- ⁽⁵⁾ SM-875 FY13 and FY14 baseline funds realigned to F-35 countermeasures.
- ⁽⁶⁾ The Marine Corps F-35B had an acceleration of their IOC date which resulted in an overall increase in requirements for FY14.
- ⁽⁷⁾ ALE-70 FY14 funds realigned from lower priority items due to acceleration of Marine Corps F-35B IOC date. FY14-FY17 unit cost is based on NAVAIR 4.2 learning curve cost estimate for DoN and USAF combined procurements.
- ⁽⁸⁾ MJU-68 FY13 and FY14 funds realigned from lower priority items due to acceleration of Marine Corps F-35B IOC date. Prior year Unit Cost appears lower than FY13 Unit Cost due to PDOCS averaging of FY12 low cost test asset procurement with all prior year procurements. FY14 unit cost increase due to prime contractor higher production costs by incorporation of Root Cause/Corrective Action (RCCA) results from test unit failures identified during Government Acceptance Testing.
- ⁽⁹⁾ MJU-69 FY13 and FY14 funds realigned from lower priority items due to acceleration of Marine Corps F-35B IOC date. FY13 Unit Costs reduced due to contract award of combined USN/USAF production requirements. FY14 Unit Cost increase due to prime contractor incorporation of Root Cause/Corrective Action (RCCA) results from test unit failures identified during Government Acceptance Testing.
- ⁽¹⁰⁾ CCU-168 FY13 and FY14 funds realigned from lower priority items due to acceleration of Marine Corps F-35B IOC date. FY13 Unit Costs reduced due to contract award of combined USN/USAF production requirements. FY14 unit cost increase due to prime contractor higher production costs by incorporation of Root Cause/Corrective Action (RCCA) results from test unit failures identified during Government Acceptance Testing.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1	P-1 Line Item Number / Title: 0182 / Air Expendable Countermeasures	Aggregated Items Title: Air Expendable Countermeasures ⁽¹⁾
<p>⁽¹¹⁾ (a) FY13 increases for 7.2 (PES IR Decoys) due to MJU-32 failures at Kilgore Flares requiring significant increases in production engineering to resolve quality and safety issues. (DCMA is tracking Kilgore as a high risk company for safety and quality). (b) Increase in FY16 needed to support increased MJU-67 production.</p> <p>⁽¹²⁾ FY14 increase for 9.3 (ATE Impulse Cartridges) required to evaluate CCU-145 bridge wire change.</p>		

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0194 / Jet Assisted Take Off (JATOs)						
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:					
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)	56.406	2.556	2.749	2.766	-	2.766	2.819	2.877	2.915	2.972	Continuing	Continuing	
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (<i>\$ in Millions</i>)	56.406	2.556	2.749	2.766	-	2.766	2.819	2.877	2.915	2.972	Continuing	Continuing	
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (<i>\$ in Millions</i>)	56.406	2.556	2.749	2.766	-	2.766	2.819	2.877	2.915	2.972	Continuing	Continuing	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
[#] The FY 2015 OCO Request will be submitted at a later date.													
Description: The Jet Assisted Take Off (JATOs) are relatively small solid propellant rocket motors used to launch target drones. The only JATO currently in production is the MK117 MOD 0. JATOs support various platforms. [P40A / OTHER COSTS]: Other Cost includes Production Engineering Support (PES), Integrated Logistics Support (ILS), Reliability Life (i.e. Safety and Product Improvement Program (PIP)), Quality Assurance and Acceptance Testing.													

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Jet Assisted Take Off (JATOs)	P-40a		-	-	56.406	-	-	2.556	-	-	2.749	-	-	2.766	-	-	-	-	-	2.766
Total Gross/Weapon System Cost			-	-	56.406	-	-	2.556	-	-	2.749	-	-	2.766	-	-	-	-	-	2.766

*For P-40as, Title represents the P40a Title.

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

Justification: The FY15 baseline funding is required for MK117 procurement.

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LI 0194 - Jet Assisted Take Off (JATOs)

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy										Date: March 2014										
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0198 / LRLAP 6 inch Long Range Attack Projectile													
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements: 0204202N												
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total								
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	6.553	3.906	113.092	-	113.092	105.875	93.691	84.961	77.084	Continuing	Continuing								
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) (<i>\$ in Millions</i>)	0.000	6.553	3.906	113.092	-	113.092	105.875	93.691	84.961	77.084	Continuing	Continuing								
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	6.553	3.906	113.092	-	113.092	105.875	93.691	84.961	77.084	Continuing	Continuing								
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>																				
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
[#] The FY 2015 OCO Request will be submitted at a later date.																				
Description: Program provides for the procurement of the Long Range Land Attack Projectile (LRLAP) to support MK51 Gun Weapon System munitions requirements for the DDG-1000 Class destroyer. LRLAP is a rocket-assisted projectile that will deliver a high explosive unitary payload with Global Positioning System (GPS) accuracy. LRLAP is stored in munitions containers handled by the gun weapon system's magazines. The gun weapon system provides a high rate of fire with each mount capable of firing 10 rounds per minute with a total magazine capacity of 600 rounds prior to re-supply. The two fully automated magazines process the projectiles and propellant charges from the munitions containers. Each munitions container contains 8 propelling charges and 8 230-pound, 88-inch, GPS-guided 155mm LRLAP.																				
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
LONG RANGE ATTACK PROJECTILE (LRLAP)	P-40a		-	-	0.000	-	-	6.553	-	-	3.906	-	-	113.092	-	-	-	-	-	113.092
Total Gross/Weapon System Cost			-	-	0.000	-	-	6.553	-	-	3.906	-	-	113.092	-	-	-	-	-	113.092
*For P-40as, Title represents the P40a Title. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification:																				

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LI 0198 - LRLAP 6 inch Long Range Attack Projectile
Navy

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0198 / LRLAP 6 inch Long Range Attack Projectile							Aggregated Items Title: LONG RANGE ATTACK PROJECTILE (LRLAP)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) AM100 HARDWARE																				
1.1) LRLAP (EX-187) - Guided Projectiles	A		-	-	-	-	-	-	-	-	-	359,381.74	241	86.611	-	-	-	359,381.74	241	86.611
1.2) LRLAP SHAPES - Inert Projectile	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) MUNITIONS CONTAINER (EX-813)	A		-	-	-	-	-	-	-	-	-	387,161.29	31	12.002	-	-	-	387,161.29	31	12.002
1.4) PROPELLING CHARGE (EX-181)	A		-	-	-	-	-	-	-	-	-	10,398.44	1,152	11.979	-	-	-	10,398.44	1,152	11.979
1.5) AM893 - RENOVATION	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) LRLAP PRODUCTION NON-RECURRING ⁽¹⁾	A		-	-	-	-	-	6.553	-	-	3.906	-	-	-	-	-	-	-	-	-
Subtotal: 1) AM100 HARDWARE			-	-	0.000	-	-	6.553	-	-	3.906	-	-	110.592	-	-	-	-	-	110.592
2) AM830 PRODUCTION ENGINEERING																				
2.1) PRODUCTION ENGINEERING	A		-	-	-	-	-	-	-	-	-	-	-	2.500	-	-	-	-	-	2.500
Subtotal: 2) AM830 PRODUCTION ENGINEERING			-	-	0.000	-	-	-	-	-	-	-	-	2.500	-	-	-	-	-	2.500
Total			-	-	0.000	-	-	6.553	-	-	3.906	-	-	113.092	-	-	-	-	-	113.092

Footnotes:

⁽¹⁾ Production non-recurring supports tooling fabrication and tasks to establish production and scale manufacturing processes. These include establishing an assembly line for the Guidance Navigation Control electronic assembly and modification/retooling at the integration facility site for All-Up-Round assembly.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0250 / 5 Inch/54 Gun Ammunition					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	107.884	48.273	21.726	35.702	-	35.702	40.122	52.086	52.504	53.546	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	107.884	48.273	21.726	35.702	-	35.702	40.122	52.086	52.504	53.546	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	107.884	48.273	21.726	35.702	-	35.702	40.122	52.086	52.504	53.546	Continuing	Continuing
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p>[#] The FY 2015 OCO Request will be submitted at a later date.</p> <p>Description: Program provides 5"/54 ammunition fired from Cruiser and Destroyer combatant ships against air, surface, and shore targets. Program procures multiple types of ammunition including propelling charges, high-explosive projectiles and training rounds.</p> <p>[P5 / AC100 5"/54 AMMUNITION HARDWARE]: Procures components, load and assemble complete rounds and provides funds to conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities are adjusted during year of execution.</p> <p>[P5 / AC850 PRODUCT IMPROVEMENT]: Provides engineering services and related efforts by government activities, the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope.</p> <p>[P5 / AC893 RENOVATION COMPONENTS]: Provides for renovation components used to upgrade unserviceable rounds into ready-for-issue condition.</p> <p>[P5 / AC894 GAUGE REQUIREMENTS]: Provides for procurement of gauges, auxiliary and test equipment and support costs necessary for ammunition metrology to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p>[P5 / AC895 NON-STANDARD]: Provides for non-standard items of 5"/54 ammunition. Includes training aids and initial procurements of required non type classified munition items.</p> <p>[P5 / ACG86 Overseas Contingency Operations (OCO)]: Provides for procurement of ammunition with OCO funding.</p> <p>[P5 / AC830 PRODUCTION ENGINEERING]: Provides for production engineering services.</p>												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition												P-1 Line Item Number / Title: 0250 / 5 Inch/54 Gun Ammunition									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Item - 1 / 5 Inch/54 Gun Ammunition	P-5		-	-	107.884	-	-	48.273	-	-	21.726	-	-	35.702	-	-	-	-	-	35.702	
Total Gross/Weapon System Cost			-	-	107.884	-	-	48.273	-	-	21.726	-	-	35.702	-	-	-	-	-	35.702	
*For Items, Title represents the Item Number / Title [DODIC].																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					

Justification:

FY15 funding is required for the baseline program. FY15 funds increase from FY14 is for procurement of items carrying lowered inventory levels. Funding was prioritized in previous submissions to align to higher Navy priorities.

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1						P-1 Line Item Number / Title: 0250 / 5 Inch/54 Gun Ammunition							Item Number / Title [DODIC]: 1 / 5 Inch/54 Gun Ammunition						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					107.884		48.273		21.726		35.702		-		35.702				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					107.884		48.273		21.726		35.702		-		35.702				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					107.884		48.273		21.726		35.702		-		35.702				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - AC100 5"/54 AMMUNITION HARDWARE Cost																			
Recurring Cost																			
1.1.1) 5"/54 CHG, PROP, CLEARING, MK65 (D296)		-	-	-	-	-	-	1,077.98	218	0.235	1,095.24	273	0.299	-	-	-	1,095.24	273	0.299
1.1.2) 5/54 CHG, PROP, FULL (D326)		999.62	10,607	10.603	872.51	20,504	17.890	889.28	16,944	15.068	907.75	18,330	16.639	-	-	-	907.75	18,330	16.639
1.1.3) PROJ, 5"/54 KE-ET (DA15)		-	-	16.092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.4) 5"/54 PROJ, BLP/T (D349)		-	-	-	416.98	12,063	5.030	426.09	5,520	2.352	438.94	9,024	3.961	-	-	-	438.94	9,024	3.961
1.1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)		1,882.78	13,488	25.395	1,954.42	10,464	20.451	-	-	-	2,071.71	4,992	10.342	-	-	-	2,071.71	4,992	10.342
1.1.6) MK 9 CARTRIDGE CASE (DDCC)		-	-	1.489	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.7) MK45 PRIMERS (N641)		-	-	7.381	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.8) TRANSPORTATION ACCT CODE		-	-	1.171	-	-	0.443	-	-	0.303	-	-	0.314	-	-	-	-	-	0.314
1.1.9) PE/QA SMCA		-	-	0.483	-	-	0.441	-	-	0.165	-	-	0.164	-	-	-	-	-	0.164
Subtotal: Recurring Cost		-	-	62.614	-	-	44.255	-	-	18.123	-	-	31.719	-	-	-	-	-	31.719
Subtotal: Hardware - AC100 5"/54 AMMUNITION HARDWARE Cost		-	-	62.614	-	-	44.255	-	-	18.123	-	-	31.719	-	-	-	-	-	31.719
Hardware - AC850 PRODUCT IMPROVEMENT Cost																			

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Number / Title:							Item Number / Title [DODIC]:					
1508N / 01 / 1							0250 / 5 Inch/54 Gun Ammunition							1 / 5 Inch/54 Gun Ammunition					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Recurring Cost																			
2.1.1) PRODUCT IMPROVEMENT		-	-	12.694	-	-	0.740	-	-	0.791	-	-	0.740	-	-	-	-	-	0.740
Subtotal: Recurring Cost		-	-	12.694	-	-	0.740	-	-	0.791	-	-	0.740	-	-	-	-	-	0.740
Subtotal: Hardware - AC850 PRODUCT IMPROVEMENT Cost		-	-	12.694	-	-	0.740	-	-	0.791	-	-	0.740	-	-	-	-	-	0.740
Hardware - AC893 RENOVATION COMPONENTS Cost																			
Recurring Cost																			
3.1.1) RENOVATION COMPONENTS		-	-	12.294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	12.294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - AC893 RENOVATION COMPONENTS Cost		-	-	12.294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - AC894 GAUGE REQUIREMENTS Cost																			
Recurring Cost																			
4.1.1) GAUGE REQUIREMENTS		-	-	1.934	-	-	0.336	-	-	0.315	-	-	0.213	-	-	-	-	-	0.213
Subtotal: Recurring Cost		-	-	1.934	-	-	0.336	-	-	0.315	-	-	0.213	-	-	-	-	-	0.213
Subtotal: Hardware - AC894 GAUGE REQUIREMENTS Cost		-	-	1.934	-	-	0.336	-	-	0.315	-	-	0.213	-	-	-	-	-	0.213
Hardware - AC895 NON-STANDARD Cost																			
Recurring Cost																			
5.1.1) NON-STANDARD		-	-	0.426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - AC895 NON-STANDARD Cost		-	-	0.426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - ACG86 Overseas Contingency Operations (OCO) Cost																			
Non Recurring Cost																			
6.1.1) Overseas Contingency Operations (OCO)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - ACG86 Overseas Contingency Operations (OCO) Cost		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - AC830 PRODUCTION ENGINEERING Cost																			

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Exhibit P-5, Cost Analysis: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0250 / 5 Inch/54 Gun Ammunition							Item Number / Title [DODIC]: 1 / 5 Inch/54 Gun Ammunition				
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
7.1) PRODUCTION ENGINEERING		-	-	17.922	-	-	2.942	-	-	2.497	-	-	3.030	-	-	-	-	-	3.030
Subtotal: Support - AC830 PRODUCTION ENGINEERING Cost		-	-	17.922	-	-	2.942	-	-	2.497	-	-	3.030	-	-	-	-	-	3.030
Gross/Weapon System Cost		-	-	107.884	-	-	48.273	-	-	21.726	-	-	35.702	-	-	-	-	-	35.702

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0266 / Intermediate Caliber Gun Ammo					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	50.567	17.080	33.080	36.475	-	36.475	44.547	45.589	46.263	47.170	-	320.771
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	50.567	17.080	33.080	36.475	-	36.475	44.547	45.589	46.263	47.170	-	320.771
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	50.567	17.080	33.080	36.475	-	36.475	44.547	45.589	46.263	47.170	-	320.771
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p>[#] The FY 2015 OCO Request will be submitted at a later date.</p> <p>Description: Program provides for intermediate caliber cartridge family of fixed round ammunition for use in shipboard intermediate caliber Gun Weapon Systems (GWS). The Navy's primary use for an intermediate caliber GWS is to engage both surface and air targets. United States Coast Guard's (USCG) primary use is drug interdiction, homeland defense, and Visit, Board, Search and Seize (VBSS). Intermediate caliber GWS are currently employed on US Navy guided missile frigates (FFGs), US Coast Guard Cutters, the Littoral Combat Ship (LCS), and the USCG National Security Cutter.</p> <p>[P40A / AL100 TRANSPORTATION ACCOUNT CODE]: Provides for cost associated with Transportation Account Code (TAC) that are for first destination of delivery of production items.</p> <p>[P40A / AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE]: Provides for complete rounds and conducts acceptance testing of intermediate caliber ammunition. Procurement includes intermediate caliber ammunition, all types, and includes high explosive service rounds, Target Practice and dummy rounds for this GWS. Unit costs and quantities are adjusted during year of execution.</p> <p>[P40A / AL830 PRODUCTION ENGINEERING]: Provides production engineering services.</p> <p>[P40A / AL850 PRODUCT IMPROVEMENT]: Provides engineering services and related effort by the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope.</p> <p>[P40A / AL894 GAUGE REQUIREMENTS]: Provides for procurement of gauges, auxiliary and test equipment and support costs necessary for ammunition metrology to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p>[P40A / AL895 NON-STANDARD ITEMS]: Provides for non-standard items of intermediate caliber ammunition. Includes training aids and initial procurements of required non type classified munition items.</p>												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy																Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition												P-1 Line Item Number / Title: 0266 / Intermediate Caliber Gun Ammo									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Intermediate Caliber Gun Ammo	P-40a		-	-	50.567	-	-	17.080	-	-	33.080	-	-	36.475	-	-	-	-	-	36.475	
Total Gross/Weapon System Cost			-	-	50.567	-	-	17.080	-	-	33.080	-	-	36.475	-	-	-	-	-	36.475	
*For P-40as, Title represents the P40a Title.																					
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: FY15 funding is required for the baseline program.																					

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1									P-1 Line Item Number / Title: 0266 / Intermediate Caliber Gun Ammo						Aggregated Items Title: Intermediate Caliber Gun Ammo					
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) AL100 TRANSPORTATION ACCOUNT CODE																				
1.1) TRANSPORTATION ACCOUNT CODE	A		-	-	0.063	-	-	0.055	-	-	0.061	-	-	0.067	-	-	-	-	-	0.067
Subtotal: 1) AL100 TRANSPORTATION ACCOUNT CODE			-	-	0.063	-	-	0.055	-	-	0.061	-	-	0.067	-	-	-	-	-	0.067
2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE																				
2.1) CART., 57MM DUMMY, RAMMABLE (BA31)	A		-	-	-	1,031.58	380	0.392	-	-	-	-	-	-	-	-	-	-	-	-
2.2) CART., 57MM, 3P MK295 (BA22)	A		5,582.14	2,800	15.630	7,785.00	2,000	15.570	4,113.38	6,324	26.013	4,195.65	5,888	24.704	-	-	-	4,195.65	5,888	24.704
2.3) CART., 57MM TP MK296 (BA23)	A		2,837.77	9,869	28.006	-	-	-	1,505.16	3,684	5.545	1,535.20	6,278	9.638	-	-	-	1,535.20	6,278	9.638
Subtotal: 2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE			-	-	43.636	-	-	15.962	-	-	31.558	-	-	34.342	-	-	-	-	-	34.342
3) AL830 PRODUCTION ENGINEERING ⁽¹⁾																				
3.1) PRODUCTION ENGINEERING	A		-	-	6.456	-	-	0.992	-	-	1.404	-	-	2.023	-	-	-	-	-	2.023
Subtotal: 3) AL830 PRODUCTION ENGINEERING			-	-	6.456	-	-	0.992	-	-	1.404	-	-	2.023	-	-	-	-	-	2.023
4) AL850 PRODUCT IMPROVEMENT																				
4.1) PRODUCT IMPROVEMENT	A		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) AL850 PRODUCT IMPROVEMENT			-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5) AL894 GAUGE REQUIREMENTS																				
5.1) GAUGE REQUIREMENTS	A		-	-	0.410	-	-	0.071	-	-	0.057	-	-	0.043	-	-	-	-	-	0.043
Subtotal: 5) AL894 GAUGE REQUIREMENTS			-	-	0.410	-	-	0.071	-	-	0.057	-	-	0.043	-	-	-	-	-	0.043
6) AL895 NON-STANDARD ITEMS																				
6.1) AL895 NON-STANDARD ITEMS	A		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 6) AL895 NON-STANDARD ITEMS			-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total			-	-	50.567	-	-	17.080	-	-	33.080	-	-	36.475	-	-	-	-	-	36.475

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1	P-1 Line Item Number / Title: 0266 / Intermediate Caliber Gun Ammo	Aggregated Items Title: Intermediate Caliber Gun Ammo

Footnotes:
(1) FY2015 Production Engineering increase attributed to additional acquisition engineering support required for competitive MK296 (BA23) procurement to be executed in FY2015.

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy										Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0270 / Other Ship Gun Ammunition					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
Line Item MDAP/MAIS Code: 000			Item MDAP/MAIS Code(s):									
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO[#]	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	51.686	30.022	40.807	43.906	-	43.906	45.539	46.710	47.126	48.060	-	353.856
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	51.686	30.022	40.807	43.906	-	43.906	45.539	46.710	47.126	48.060	-	353.856
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	51.686	30.022	40.807	43.906	-	43.906	45.539	46.710	47.126	48.060	-	353.856
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] The FY 2015 OCO Request will be submitted at a later date.												
Description: Program provides for Other Ship Gun Ammunition which consists of medium caliber types (20MM, 25MM, 30MM, 40MM). This supports Navy ships, and active and reserve ashore warfare forces including Naval Expeditionary Combat Command (NECC), Mobile Security Forces (MSF), fleet combat readiness groups, inshore undersea warfare groups and several other type of operational units. Program includes support for emergent anti-terrorism/force protection and homeland defense requirements.												
[P5 / Integrated Warfare Systems]: (AG100/AG200) - Provides components, load and assemble complete rounds and acceptance testing. Unit costs and quantities are adjusted during year of execution. Provides for Transportation Account Code (TAC) first destination delivery of production items and Single Manager Conventional Ammunition (SMCA) related costs.												
[P5 / (AG850) PRODUCT IMPROVEMENT]: Provides engineering services and related efforts by government activities, the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope.												
[P5 / (AG893) RENOVATION COMPONENTS]: Provides for renovation components used to upgrade unserviceable rounds into ready-for-issue condition.												
[P5 / (AG894) GAUGE REQUIREMENTS]: Provides for procurement of gauges, auxiliary and test equipment and support costs necessary for ammunition metrology to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.												
[P5 / (AG895) NON-STANDARD]: Provides for non-standard items of ammunition. Includes training aids and initial procurements of required non type classified munition items.												
[P5 / (AG830) PRODUCTION ENGINEERING]: Provides for production engineering services.												
[P5 - 2 / (AGNSW) GRENADE CARTRIDGES]: Provides for Naval Special Warfare components, load and assemble complete rounds and for conducting acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities are adjusted during year of execution												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy							Date: March 2014		
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0270 / Other Ship Gun Ammunition		

ID Code (A=Service Ready, B=Not Service Ready) : A		Program Elements for Code B Items:		Other Related Program Elements:	
Line Item MDAP/MAIS Code: 000		Item MDAP/MAIS Code(s):			
[P5 - 2 / Production Engineering]: Provides for production engineering services.					

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Navy	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	29.967	40.752	43.849	-	43.849	45.482	46.653	47.068	48.001
NR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.055	0.055	0.057	-	0.057	0.057	0.057	0.058	0.059
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	30.022	40.807	43.906	-	43.906	45.539	46.710	47.126	48.060

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - 1 / Integrated Warfare Systems	P-5		-	-	47.749	-	-	28.831	-	-	40.397	-	-	40.989	-	-	-	-	-	40.989
Item - 2 / Naval Special Warfare	P-5		-	-	3.937	-	-	1.191	-	-	0.410	-	-	2.917	-	-	-	-	-	2.917
Total Gross/Weapon System Cost			-	-	51.686	-	-	30.022	-	-	40.807	-	-	43.906	-	-	-	-	-	43.906

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

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

Justification:
FY15 funding provides for the baseline program.

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1						P-1 Line Item Number / Title: 0270 / Other Ship Gun Ammunition							Item Number / Title [DODIC]: 1 / Integrated Warfare Systems								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total	
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>					47.749			28.831			40.397			40.989			-			40.989	
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Net Procurement (P1) <i>(\$ in Millions)</i>					47.749			28.831			40.397			40.989			-			40.989	
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Total Obligation Authority <i>(\$ in Millions)</i>					47.749			28.831			40.397			40.989			-			40.989	
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																					
Initial Spares <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-			-			-			-			-			-	
# The FY 2015 OCO Request will be submitted at a later date.																					
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Hardware - 25MM - (AG100) CARTRIDGES Cost																					
Recurring Cost																					
1.1.1) CART., 25MM HEI-T/SAPHEI-T (AA98)			-	-	0.399	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1.1.2) CART., 25MM LONG ROD (25LR)			117.78	45,000	5.300	-	-	-	67.49	30,730	2.074	-	-	-	-	-	-	-	-		
1.1.3) CTG, 25MM, TP-T, M793 (A976)			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Subtotal: Recurring Cost			-	-	5.699	-	-	-	-	-	2.074	-	-	-	-	-	-	-	-		
Subtotal: Hardware - 25MM - (AG100) CARTRIDGES Cost			-	-	5.699	-	-	-	-	-	2.074	-	-	-	-	-	-	-	-		
Hardware - 30MM - (AG100) CARTRIDGES Cost																					
Recurring Cost																					
2.1.1) CART., 30MM APFSDS-T (AB51)			413.23	19,800	8.182	531.34	13,690	7.274	334.72	43,120	14.433	344.75	40,000	13.790	-	-	-	344.75	40,000		
2.1.2) CART., 30MM TP-T LKD (AA90)			-	-	0.000	48.56	36,860	1.790	-	-	-	-	-	-	-	-	-	-	-		
2.1.3) CARTRIDGE, 30MM X 173, LINKED (AB44)			76.93	91,083	7.007	-	-	-	130.08	39,930	5.194	133.95	40,000	5.358	-	-	-	133.95	40,000		
Subtotal: Recurring Cost			-	-	15.189	-	-	9.064	-	-	19.627	-	-	19.148	-	-	-	-	-		
Subtotal: Hardware - 30MM - (AG100) CARTRIDGES Cost			-	-	15.189	-	-	9.064	-	-	19.627	-	-	19.148	-	-	-	-	-		
Hardware - 40MM - (AG100) CARTRIDGES Cost																					

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0270 / Other Ship Gun Ammunition							Item Number / Title [DODIC]: 1 / Integrated Warfare Systems					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Recurring Cost																			
3.1.1) CTG., 40MM, GREEN STAR PARACH (B504)		86.07	6,820	0.587	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.2) CTG., 40MM PRAC., M79 F/M203 (B519)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.3) CTG 40MM M583A1 (B535)		46.57	31,460	1.465	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.4) CTG, 40MM, FIXED, HE (B542)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.5) CTG 40MM HEDP (B546)		48.26	14,112	0.681	61.54	52,228	3.214	-	-	-	-	-	-	-	-	-	-	-	-
3.1.6) CTG, 40MM, FIXED, PRAC., F/MK (B576)		14.93	918,554	13.713	16.20	207,296	3.358	18.26	187,172	3.418	-	-	-	-	-	-	-	-	-
3.1.7) CTG, 40MM, BLANK, SAL 200 GRAMS BRASS (B650)		63.20	5,000	0.316	43.84	20,736	0.909	-	-	-	-	-	-	-	-	-	-	-	-
3.1.8) CTG, 40MM BLANK SAL 50 GRAMS STEEL (B550)		-	-	0.000	56.67	6,300	0.357	-	-	-	-	-	-	-	-	-	-	-	-
3.1.9) CTG 40MM, 300M NLWM (BA26)		27.35	50,018	1.368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	18.130	-	-	7.838	-	-	3.418	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - 40MM - (AG100) CARTRIDGES Cost		-	-	18.130	-	-	7.838	-	-	3.418	-	-	-	-	-	-	-	-	-
Hardware - OTHER - (AG100) CARTRIDGES Cost																			
Recurring Cost																			
4.1.1) TRANSPORTATION ACCT CODE		-	-	1.126	-	-	0.415	-	-	0.430	-	-	0.446	-	-	-	-	-	0.446
4.1.2) PE/QA SMCA		-	-	0.775	-	-	0.399	-	-	0.444	-	-	0.494	-	-	-	-	-	0.494
Subtotal: Recurring Cost		-	-	1.901	-	-	0.814	-	-	0.874	-	-	0.940	-	-	-	-	-	0.940
Subtotal: Hardware - OTHER - (AG100) CARTRIDGES Cost		-	-	1.901	-	-	0.814	-	-	0.874	-	-	0.940	-	-	-	-	-	0.940
Hardware - (AG200) CARTRIDGES Cost																			
Recurring Cost																			
5.1.1) CART., 20MM DUMMY, M51A4N (AA20)		10.00	98,400	0.984	9.90	60,000	0.594	9.92	60,000	0.595	10.08	60,000	0.605	-	-	-	10.08	60,000	0.605

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0270 / Other Ship Gun Ammunition								Item Number / Title [DODIC]: 1 / Integrated Warfare Systems			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5.1.2) CART., 20MM MK 244 ELC (AA61)		-	-	0.000	37.38	228,332	8.534	39.38	291,000	11.460	40.17	445,300	17.888	-	-	-	40.17	445,300	17.888
<i>Subtotal: Recurring Cost</i>		-	-	0.984	-	-	9.128	-	-	12.055	-	-	18.493	-	-	-	-	-	18.493
<i>Subtotal: Hardware - (AG200) CARTRIDGES Cost</i>		-	-	0.984	-	-	9.128	-	-	12.055	-	-	18.493	-	-	-	-	-	18.493
Hardware - OTHER - (AG200) CARTRIDGES Cost																			
Recurring Cost																			
6.1.1) PE/QA SMCA- AG200		-	-	0.110	-	-	0.007	-	-	0.143	-	-	0.146	-	-	-	-	-	0.146
<i>Subtotal: Recurring Cost</i>		-	-	0.110	-	-	0.007	-	-	0.143	-	-	0.146	-	-	-	-	-	0.146
<i>Subtotal: Hardware - OTHER - (AG200) CARTRIDGES Cost</i>		-	-	0.110	-	-	0.007	-	-	0.143	-	-	0.146	-	-	-	-	-	0.146
Hardware - (AG850) PRODUCT IMPROVEMENT Cost																			
Recurring Cost																			
7.1.1) PRODUCT IMPROVEMENT		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - (AG850) PRODUCT IMPROVEMENT Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - (AG893) RENOVATION COMPONENTS Cost																			
Recurring Cost																			
8.1.1) RENOVATION COMPONENTS		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - (AG893) RENOVATION COMPONENTS Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - (AG894) GAUGE REQUIREMENTS Cost																			
Recurring Cost																			
9.1.1) GAUGE REQUIREMENTS		-	-	0.084	-	-	0.058	-	-	0.033	-	-	0.034	-	-	-	-	-	0.034
<i>Subtotal: Recurring Cost</i>		-	-	0.084	-	-	0.058	-	-	0.033	-	-	0.034	-	-	-	-	-	0.034
<i>Subtotal: Hardware - (AG894) GAUGE REQUIREMENTS Cost</i>		-	-	0.084	-	-	0.058	-	-	0.033	-	-	0.034	-	-	-	-	-	0.034
Hardware - (AG895) NON-STANDARD Cost																			
Recurring Cost																			
10.1.1) Non-Standard		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0270 / Other Ship Gun Ammunition							Item Number / Title [DODIC]: 1 / Integrated Warfare Systems					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal: Hardware - (AG895) NON-STANDARD Cost		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - (AG830) PRODUCTION ENGINEERING Cost																			
11.1) PRODUCTION ENGINEERING		-	-	5.652	-	-	1.922	-	-	2.173	-	-	2.228	-	-	-	-	-	2.228
Subtotal: Support - (AG830) PRODUCTION ENGINEERING Cost		-	-	5.652	-	-	1.922	-	-	2.173	-	-	2.228	-	-	-	-	-	2.228
Gross/Weapon System Cost		-	-	47.749	-	-	28.831	-	-	40.397	-	-	40.989	-	-	-	-	-	40.989

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0270 / Other Ship Gun Ammunition							Item Number / Title [DODIC]: 2 / Naval Special Warfare						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total			
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-		-			
Gross/Weapon System Cost <i>(\$ in Millions)</i>					3.937		1.191		0.410		2.917		2.917		-		2.917			
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-		-			
Net Procurement (P1) <i>(\$ in Millions)</i>					3.937		1.191		0.410		2.917		2.917		-		2.917			
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-		-			
Total Obligation Authority <i>(\$ in Millions)</i>					3.937		1.191		0.410		2.917		2.917		-		2.917			
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																				
Initial Spares <i>(\$ in Millions)</i>					-		-		-		-		-		-		-			
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-		-		-		-		-		-		-			
# The FY 2015 OCO Request will be submitted at a later date.																				
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - (AGNSW) GRENADE CARTRIDGES Cost																				
Recurring Cost																				
1.1.1) CTG, 40MM, FIXED, PRAC., F/MK (B576)			15.64	78,836	1.233	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.2) CTG, 40MM HE-DP, LINKED F/ MK-19 (B542)			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.3) RKT 66MM HE M72A7 (LAW) (HA29)			-	-	0.000	1,224.05	973	1.191	-	-	-	-	-	-	-	-	-	-	-	
1.1.4) CTG, 60 MM HE MAPAM, XM1061, W/FUZE M734A1 (BA29)			1,529.29	1,400	2.141	-	-	-	1,576.92	260	0.410	-	-	-	-	-	-	-	-	
1.1.5) CTG., 40MM ILLUMINATION, WHITE STAR CLUST (B536)			-	-	0.000	-	-	-	-	-	-	60.88	10,032	0.611	-	-	-	60.88	10,032	
1.1.6) CTG., 40MM PRAC., M79/F/M203 (B519)			4.09	85,000	0.348	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.1.7) CTG., 40MM HIGH VELOCITY TP MK 281 MOD 0 (BA12)			-	-	0.000	-	-	-	-	-	-	32.37	43,528	1.409	-	-	-	32.37	43,528	
1.1.8) CTG., 40MM PRAC., DAY/NIGHT MARKING MK (BA21)			-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Recurring Cost			-	-	3.722	-	-	1.191	-	-	0.410	-	-	2.020	-	-	-	-	-	

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0270 / Other Ship Gun Ammunition							Item Number / Title [DODIC]: 2 / Naval Special Warfare					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal: Hardware - (AGNSW) GRENADE CARTRIDGES Cost		-	-	3.722	-	-	1.191	-	-	0.410	-	-	2.020	-	-	-	-	-	2.020
Support - (NS830) PRODUCTION ENGINEERING Cost																			
2.1) Production Engineering		-	-	0.215	-	-	-	-	-	-	-	-	0.897	-	-	-	-	-	0.897
Subtotal: Support - (NS830) PRODUCTION ENGINEERING Cost		-	-	0.215	-	-	-	-	-	-	-	-	0.897	-	-	-	-	-	0.897
Gross/Weapon System Cost		-	-	3.937	-	-	1.191	-	-	0.410	-	-	2.917	-	-	-	-	-	2.917

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo					
ID Code (A=Service Ready, B=Not Service Ready) : B			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	124.765	60.533	73.195	51.535	-	51.535	52.409	54.258	55.133	56.215	-	528.043
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	124.765	60.533	73.195	51.535	-	51.535	52.409	54.258	55.133	56.215	-	528.043
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	124.765	60.533	73.195	51.535	-	51.535	52.409	54.258	55.133	56.215	-	528.043
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>Description: Program provides ammunition in support of active Navy ships and for active and reserve ashore warfare forces.</p> <p>[P5 / Integrated Warfare Systems]: (AH100) - Provides for all types of components, load and assemble complete rounds and acceptance testing. Provides for Transportation Account Code (TAC) first destination delivery of production items and Single Manager Conventional Ammunition (SMCA) related costs. Unit costs and quantities are adjusted during year of execution.</p> <p>[P5 / (AH350) MATCH AMMO]: Special Ammunition required to support Navy approved marksmanship competition matches.</p> <p>[P5 / (AHG86) OVERSEAS CONTINGENCY OPERATIONS (OCO)]: Provides for procurement of ammunition with OCO funding.</p> <p>[P5 / (AH850) PRODUCT IMPROVEMENT]: Provides engineering services and related efforts by government activities, the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope.</p> <p>[P5 / (AH893) RENOVATION COMPONENTS]: Provides for renovation components used to upgrade unserviceable rounds into ready-for-issue condition.</p> <p>[P5 / (AH895) NON-STANDARD]: Provides for non-standard items of ammunition. Includes training aids and initial procurements of required non type classified munition items.</p> <p>[P5 / (AH830) PRODUCTION ENGINEERING]: Provides for production engineering services.</p> <p>[P5 - 2 / Naval Special Warfare (NSW)]: (AHNSW) - Provides for all types of Naval Special Warfare components, load and assemble complete rounds and for conducting acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities are adjusted during year of execution.</p> <p>[P5 - 2 / (NS830) PRODUCTION ENGINEERING]: Provides for production engineering services.</p>												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy						Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition						P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo			
ID Code (A=Service Ready, B=Not Service Ready) : B			Program Elements for Code B Items:			Other Related Program Elements:			

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Navy	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	60.469	73.132	51.471	-	51.471	52.345	54.192	55.067	56.148
NR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.064	0.063	0.064	-	0.064	0.064	0.066	0.066	0.067
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	60.533	73.195	51.535	-	51.535	52.409	54.258	55.133	56.215

Exhibits Schedule		Prior Years				FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - 1 / Integrated Warfare Systems	P-5		-	-	108.103	-	-	40.434	-	-	43.685	-	-	33.260	-	-	-	-	-	33.260
Item - 2 / Naval Special Warfare (NSW)	P-5		-	-	16.662	-	-	20.099	-	-	29.510	-	-	18.275	-	-	-	-	-	18.275
Total Gross/Weapon System Cost			-	-	124.765	-	-	60.533	-	-	73.195	-	-	51.535	-	-	-	-	-	51.535

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

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

Justification:
FY15 funding is required for the baseline program.

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo							Item Number / Title [DODIC]: 1 / Integrated Warfare Systems							
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total	
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>					108.103			40.434			43.685			33.260			-			33.260	
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Net Procurement (P1) <i>(\$ in Millions)</i>					108.103			40.434			43.685			33.260			-			33.260	
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Total Obligation Authority <i>(\$ in Millions)</i>					108.103			40.434			43.685			33.260			-			33.260	
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																					
Initial Spares <i>(\$ in Millions)</i>					-			-			-			-			-			-	
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-			-			-			-			-			-	
# The FY 2015 OCO Request will be submitted at a later date.																					
Cost Elements		ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Hardware - (AH100) PE/QA SMCA Cost																					
Recurring Cost																					
1.1.1) PE/QA SMCA			-	-	2.900	-	-	1.270	-	-	1.512	-	-	1.761	-	-	-	-	-	1.761	
Subtotal: Recurring Cost			-	-	2.900	-	-	1.270	-	-	1.512	-	-	1.761	-	-	-	-	-	1.761	
Subtotal: Hardware - (AH100) PE/QA SMCA Cost			-	-	2.900	-	-	1.270	-	-	1.512	-	-	1.761	-	-	-	-	-	1.761	
Hardware - (AH100) TRANSPORTATION ACCOUNT CODE (TAC) Cost																					
Recurring Cost																					
2.1.1) TRANSPORTATION ACCOUNT CODE (TAC)			-	-	3.411	-	-	-	-	-	1.545	-	-	1.000	-	-	-	-	-	1.000	
Subtotal: Recurring Cost			-	-	3.411	-	-	-	-	-	1.545	-	-	1.000	-	-	-	-	-	1.000	
Subtotal: Hardware - (AH100) TRANSPORTATION ACCOUNT CODE (TAC) Cost			-	-	3.411	-	-	-	-	-	1.545	-	-	1.000	-	-	-	-	-	1.000	
Hardware - (AH100) .40 CAL CARTRIDGES Cost																					
Recurring Cost																					
3.1.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)			0.26	500,000	0.130	0.30	848,900	0.254	0.27	420,000	0.113	0.32	400,000	0.128	-	-	-	0.32	400,000	0.128	
3.1.2) CTG .40 CALS&W (DWGX)			0.25	80,000	0.020	-	-	-	0.25	80,000	0.020	0.30	100,000	0.030	-	-	-	0.30	100,000	0.030	
Subtotal: Recurring Cost			-	-	0.150	-	-	0.254	-	-	0.133	-	-	0.158	-	-	-	-	-	0.158	

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo							Item Number / Title [DODIC]: 1 / Integrated Warfare Systems					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal: Hardware - (AH100) .40 CAL CARTRIDGES Cost																			
Hardware - (AH100) 50 CAL CARTRIDGES Cost																			
Recurring Cost																			
4.1.1) CTG .50 CAL (AA50)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.2) .50 CAL BLANK (A598)		1.78	580,758	1.034	1.19	674,800	0.804	1.20	272,500	0.327	1.21	250,000	0.302	-	-	-	1.21	250,000	0.302
4.1.3) CTG, .50 LINKED (A576)		2.79	2,481,116	6.922	1.95	1,104,800	2.154	1.97	815,700	1.607	1.99	976,000	1.942	-	-	-	1.99	976,000	1.942
4.1.4) CTG, .50 211-0 (A606)		12.62	23,924	0.302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.5) CTG, 50 CAL, MK 211, APIT, M (AA06)		9.69	617,600	5.985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.6) CTG, .50 CAL, AP, MK 263 MOD 0 (AA58)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.7) CTG, 50 CAL, LKD, BALL (A555)		2.14	2,083,408	4.460	2.33	1,476,400	3.440	2.34	3,183,800	7.450	2.36	1,050,000	2.478	-	-	-	2.36	1,050,000	2.478
4.1.8) CTG, 50 CAL, LKD & TRACER (A557)		2.56	2,946,400	7.543	1.82	6,938,400	12.628	1.83	8,223,600	15.049	1.84	5,500,000	10.120	-	-	-	1.84	5,500,000	10.120
Subtotal: Recurring Cost		-	-	26.248	-	-	19.026	-	-	24.433	-	-	14.842	-	-	-	-	-	14.842
Subtotal: Hardware - (AH100) 50 CAL CARTRIDGES Cost																			
		-	-	26.248	-	-	19.026	-	-	24.433	-	-	14.842	-	-	-	-	-	14.842
Hardware - (AH100) 5.56MM CARTRIDGES Cost																			
Recurring Cost																			
5.1.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)		0.44	26,691,390	11.745	0.39	3,894,240	1.519	0.41	1,317,100	0.540	0.41	2,439,000	1.000	-	-	-	0.41	2,439,000	1.000
5.1.2) CTG., 5.55MM, LKD 4 BALL/1 TR (A064)		0.44	1,249,600	0.550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1.3) CTG, 5.56MM M855 (A059)		0.31	5,609,520	1.739	0.35	13,796,160	4.829	0.35	7,145,700	2.501	0.23	10,579,200	2.433	-	-	-	0.23	10,579,200	2.433
5.1.4) CTG., 5.56MM, BLANK (A080)		0.24	9,069,440	2.176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1.5) CTG, 5.56MM, SRTR AMMO (AA68)		0.39	509,105	0.199	-	-	-	0.47	511,680	0.240	-	-	-	-	-	-	-	-	-
5.1.6) (AB09) CTG, 5.56MM, M1042 UTM, Blue (AB09)		-	-	0.000	-	-	-	0.67	150,000	0.101	0.68	150,000	0.102	-	-	-	0.68	150,000	0.102

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo								Item Number / Title [DODIC]: 1 / Integrated Warfare Systems			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5.1.7) (AB10) 5.56MM, M1042 UTM, Red (AB10)		-	-	0.000	-	-	-	0.66	100,000	0.066	0.68	100,000	0.068	-	-	-	0.68	100,000	0.068
5.1.8) CTG, 5.56MM, SRTR AMMO (AB67)		-	-	0.000	-	-	-	-	-	-	1.00	1,000,000	1.000	-	-	-	1.00	1,000,000	1.000
Subtotal: Recurring Cost		-	-	16.409	-	-	6.348	-	-	3.448	-	-	4.603	-	-	-	-	-	4.603
Subtotal: Hardware - (AH100) 5.56MM CARTRIDGES Cost		-	-	16.409	-	-	6.348	-	-	3.448	-	-	4.603	-	-	-	-	-	4.603
Hardware - (AH100) 7.62MM CARTRIDGES Cost																			
Recurring Cost																			
6.1.1) CTG, 7.62MM (A257)		0.91	243,300	0.221	0.45	516,000	0.232	0.47	846,500	0.398	0.49	350,000	0.170	-	-	-	0.49	350,000	0.170
6.1.2) CARTR, 7.62MM (AA11)		1.17	1,377,420	1.610	0.58	195,040	0.113	-	-	-	-	-	-	-	-	-	-	-	-
6.1.3) CTG., 7.62MM X 39MM BLANK (NNSN)		0.17	353,000	0.059	0.17	46,005	0.008	0.17	125,000	0.021	0.18	333,000	0.060	-	-	-	0.18	333,000	0.060
6.1.4) CTG, 7.62MM, LKD, 9 AP TO 1 (AA36)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1.5) CTG, 7.62MM, SHORT RANGE TRAINING (AA39)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1.6) CTG., 7.62MM (AA04)		2.29	298,400	0.683	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1.7) CTG, 7.62MM, LKD 9 AP TO 1 DI (AA34)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1.8) CTG, 7.62MM, BLANK (A111)		0.83	6,661,015	5.527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1.9) CTG, 7.62MM, LKD, BALL AND TR (A131)		1.51	12,530,877	18.920	0.52	8,984,800	4.672	0.53	2,988,300	1.584	0.55	2,000,000	1.100	-	-	-	0.55	2,000,000	1.100
6.1.10) CTG, 7.62MM, BALL, M80, LKD (A143)		0.79	4,477,046	3.536	-	-	-	0.87	1,586,000	1.380	0.53	1,500,000	0.795	-	-	-	0.53	1,500,000	0.795
6.1.11) CTG, 7.62MM, LKD (A165)		0.74	17,265,782	12.775	0.52	1,864,500	0.970	0.51	3,451,000	1.760	0.49	2,753,900	1.349	-	-	-	0.49	2,753,900	1.349
6.1.12) CTG, 7.62MM, DUMMY AMMO (A162)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1.13) (AB43) CTG, 7.62mm, Dummy Ammo (AB43)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo								Item Number / Title [DODIC]: 1 / Integrated Warfare Systems			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
6.1.14) (AA37) CTG, 7.62MM SHORT RANGE TRAINING AMMO (AA37)		0.83	60,000	0.050	-	-	-	0.85	100,000	0.085	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	43.386	-	-	5.995	-	-	5.228	-	-	3.474	-	-	-	-	-	3.474
<i>Subtotal: Hardware - (AH100) 7.62MM CARTRIDGES Cost</i>		-	-	43.386	-	-	5.995	-	-	5.228	-	-	3.474	-	-	-	-	-	3.474
Hardware - (AH100) 38CAL CARTRIDGES Cost																			
Recurring Cost																			
7.1.1) CTG, .38 BLANK (A403)		0.40	10,000	0.004	0.23	22,000	0.005	0.25	20,000	0.005	0.29	10,400	0.003	-	-	-	0.29	10,400	0.003
<i>Subtotal: Recurring Cost</i>		-	-	0.004	-	-	0.005	-	-	0.005	-	-	0.003	-	-	-	-	-	0.003
<i>Subtotal: Hardware - (AH100) 38CAL CARTRIDGES Cost</i>		-	-	0.004	-	-	0.005	-	-	0.005	-	-	0.003	-	-	-	-	-	0.003
Hardware - (AH100) 45 CAL CARTRIDGES Cost																			
Recurring Cost																			
8.1.1) CTG, .45 CAL BALL (A475)		0.50	8,000	0.004	0.29	240,000	0.069	0.53	100,000	0.053	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.004	-	-	0.069	-	-	0.053	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - (AH100) 45 CAL CARTRIDGES Cost</i>		-	-	0.004	-	-	0.069	-	-	0.053	-	-	-	-	-	-	-	-	-
Hardware - (AH100) 9MM CARTRIDGES Cost																			
Recurring Cost																			
9.1.1) CTG, 9MM, BALL (A363)		0.20	32,559,084	6.511	0.20	13,860,000	2.772	0.17	9,000,000	1.530	0.16	4,875,000	0.780	-	-	-	0.16	4,875,000	0.780
9.1.2) CTG, 9MM, FX, MARKING, RED (AA12)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.1.3) CTG, 9MM, FRANGIBLE (AA16)		-	-	0.000	0.28	1,037,200	0.290	-	-	-	-	-	-	-	-	-	-	-	-
9.1.4) CTG, 9MM, FX, MARKING, BLUE (AA21)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.1.5) CTG, 9MM DUMMY AMMO (A359)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.1.6) CTG, 9MM JKTD HOLLOW PT (A260)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.1.7) (AB13) CTG, 9MM, FX, MARKING, RED (AB13)		-	-	0.000	0.56	728,000	0.406	0.58	762,500	0.442	0.60	1,000,000	0.600	-	-	-	0.60	1,000,000	0.600

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo								Item Number / Title [DODIC]: 1 / Integrated Warfare Systems			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
9.1.8) (AB14) CTG, 9MM, FX, MARKING, BLUE (AB14)		-	-	0.000	0.52	782,000	0.407	0.58	800,000	0.464	0.60	1,000,000	0.600	-	-	-	0.60	1,000,000	0.600
<i>Subtotal: Recurring Cost</i>		-	-	6.515	-	-	3.875	-	-	2.436	-	-	1.980	-	-	-	-	-	1.980
<i>Subtotal: Hardware - (AH100) 9MM CARTRIDGES Cost</i>		-	-	6.515	-	-	3.875	-	-	2.436	-	-	1.980	-	-	-	-	-	1.980
Hardware - (AH100) GRENADES Cost																			
Recurring Cost																			
10.1.1) FUZE, DELAY M228 (G878)		6.00	6,000	0.036	5.22	19,538	0.102	5.26	1,900	0.010	5.24	2,100	0.011	-	-	-	5.24	2,100	0.011
10.1.2) GREN, LAUNCHER, SMK, IR SCREEN (G826)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.1.3) GRENADE, HND, SMK, GREEN (G940)		37.82	10,048	0.380	-	-	-	45.00	10,000	0.450	48.00	5,000	0.240	-	-	-	48.00	5,000	0.240
10.1.4) GRENADE, HND, SMK, VIOLET (G955)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.1.5) GRENADE, LAUNCHER, SMK, M82 (G978)		-	-	0.000	-	-	-	358.00	2,500	0.895	259.20	5,000	1.296	-	-	-	259.20	5,000	1.296
10.1.6) GRENADE, HND, SMK, YELLOW (G945)		39.60	4,646	0.184	-	-	-	50.47	10,700	0.540	51.43	5,600	0.288	-	-	-	51.43	5,600	0.288
10.1.7) GRENADE, HND, NON-LETHAL (GG04)		-	-	0.000	27.82	8,592	0.239	28.62	2,900	0.083	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.601	-	-	0.341	-	-	1.978	-	-	1.835	-	-	-	-	-	1.835
<i>Subtotal: Hardware - (AH100) GRENADES Cost</i>		-	-	0.601	-	-	0.341	-	-	1.978	-	-	1.835	-	-	-	-	-	1.835
Hardware - (AH100) MINES Cost																			
Recurring Cost																			
11.1.1) MINE, AP, M18A1/T48E3 W/ ACCESSORIES (K143)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.1.2) MINE AP M18A1WITH SHOCK TUBE (J007)		184.57	1,620	0.299	213.58	3,624	0.774	-	-	-	-	-	-	-	-	-	-	-	-
11.1.3) RIOT CNTRL, CS (K765)		-	-	0.000	0.46	6,500	0.003	-	-	-	0.40	10,000	0.004	-	-	-	0.40	10,000	0.004
<i>Subtotal: Recurring Cost</i>		-	-	0.300	-	-	0.777	-	-	-	-	-	0.004	-	-	-	-	-	0.004

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Number / Title:							Item Number / Title [DODIC]:					
1508N / 01 / 1							0335 / Small Arms & Lndg Party Ammo							1 / Integrated Warfare Systems					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal: Hardware - (AH100) MINES Cost		-	-	0.300	-	-	0.777	-	-	-	-	-	0.004	-	-	-	-	-	0.004
Hardware - (AH100) SHOTGUN CARTRIDGES Cost																			
Recurring Cost																			
12.1.1) CTG., 12 GA, RUBBER, FIN STAB (AA51)		3.87	15,000	0.058	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.1.2) CTG, 12 GA NO.9 (A017)		0.24	103,000	0.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.1.3) CTG, 12 GA NO. 00 (A011)		-	-	0.000	-	-	-	0.52	500,000	0.260	0.52	700,000	0.364	-	-	-	0.52	700,000	0.364
12.1.4) CTG, 12 GA, FRANGIBLE (AA86)		-	-	0.000	-	-	-	0.61	100,000	0.061	0.63	338,000	0.213	-	-	-	0.63	338,000	0.213
12.1.5) CTG, 12 GA WARNING MUNITION (LA51)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.1.6) CTG, 12 GA WARNING MUNITION (LA52)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.1.7) (AA55) CTG, 12 GA DUMMY AMMUNITION (AA55)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.086	-	-	-	-	-	0.321	-	-	0.577	-	-	-	-	-	0.577
Subtotal: Hardware - (AH100) SHOTGUN CARTRIDGES Cost		-	-	0.086	-	-	-	-	-	0.321	-	-	0.577	-	-	-	-	-	0.577
Hardware - (AH350) MATCH AMMO Cost																			
Recurring Cost																			
13.1.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		-	-	0.000	0.13	2,170,000	0.282	0.13	67,800	0.009	-	-	-	-	-	-	-	-	-
13.1.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		-	-	0.000	-	-	-	0.65	125,000	0.081	-	-	-	-	-	-	-	-	-
13.1.3) CTG., 45 CAL, BALL, M1911, M (A483)		-	-	0.000	0.28	112,000	0.031	0.30	216,500	0.065	-	-	-	-	-	-	-	-	-
13.1.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		-	-	0.000	-	-	-	0.27	125,000	0.034	-	-	-	-	-	-	-	-	-
13.1.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2		-	-	0.000	-	-	-	0.27	125,000	0.034	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo								Item Number / Title [DODIC]: 1 / Integrated Warfare Systems			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
DRAMS POWDER (A046)																			
13.1.6) 12 GA CARTRIDGE SKEET DRAM PAPER (LL0003348)		3.46	1,444	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.1.7) (A052) 410 GA SHOTGUN SKEET AMMO (A052)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.005	-	-	0.313	-	-	0.223	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - (AH350) MATCH AMMO Cost</i>		-	-	0.005	-	-	0.313	-	-	0.223	-	-	-	-	-	-	-	-	-
Hardware - (AHG86) OVERSEAS CONTINGENCY OPERATIONS (OCO) Cost																			
Non Recurring Cost																			
14.1.1) OVERSEAS CONTINGENCY OPERATIONS (OCO)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - (AHG86) OVERSEAS CONTINGENCY OPERATIONS (OCO) Cost</i>		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - (AH850) PRODUCT IMPROVEMENT Cost																			
Recurring Cost																			
15.1.1) PRODUCT IMPROVEMENT		-	-	0.000	-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	0.150
<i>Subtotal: Recurring Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	0.150
<i>Subtotal: Hardware - (AH850) PRODUCT IMPROVEMENT Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	0.150	-	-	-	-	-	0.150
Hardware - (AH893) RENOVATION COMPONENTS Cost																			
Recurring Cost																			
16.1.1) RENOVATION COMPONENTS		-	-	0.412	-	-	-	-	-	0.200	-	-	0.400	-	-	-	-	-	0.400
<i>Subtotal: Recurring Cost</i>		-	-	0.412	-	-	-	-	-	0.200	-	-	0.400	-	-	-	-	-	0.400
<i>Subtotal: Hardware - (AH893) RENOVATION COMPONENTS Cost</i>		-	-	0.412	-	-	-	-	-	0.200	-	-	0.400	-	-	-	-	-	0.400
Hardware - (AH895) NON-STANDARD Cost																			
Recurring Cost																			

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014							
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo							Item Number / Title [DODIC]: 1 / Integrated Warfare Systems						
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
17.1.1) NON-STANDARD		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Recurring Cost		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Hardware - (AH895) NON-STANDARD Cost		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Support - (AH830) PRODUCTION ENGINEERING Cost																				
18.1) PRODUCTION ENGINEERING		-	-	7.671	-	-	2.161	-	-	2.170	-	-	2.473	-	-	-	-	-	2.473	
Subtotal: Support - (AH830) PRODUCTION ENGINEERING Cost		-	-	7.671	-	-	2.161	-	-	2.170	-	-	2.473	-	-	-	-	-	2.473	
Gross/Weapon System Cost		-	-	108.103	-	-	40.434	-	-	43.685	-	-	33.260	-	-	-	-	-	33.260	

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1						P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo							Item Number / Title [DODIC]: 2 / Naval Special Warfare (NSW)						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-		-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					16.662		20.099		29.510		18.275		-		18.275				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					16.662		20.099		29.510		18.275		-		18.275				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					16.662		20.099		29.510		18.275		-		18.275				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares <i>(\$ in Millions)</i>					-		-		-		-		-		-		-		
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-		-		-		-		-		-		-		
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - (AHNSW) GRENADES Cost																			
Recurring Cost																			
1.1.1) GRENADE, 66MM SMOKE SCREENING (GG24)		-	-	0.000	-	-	-	235.00	2,000	0.470	-	-	-	-	-	-	-	-	-
1.1.2) FUZE, DELAY M228, F/M 68 HAND GRND (G878)		5.92	12,000	0.071	-	-	-	-	-	-	5.24	14,122	0.074	-	-	-	5.24	14,122	0.074
1.1.3) GRENADE, HAND, FRAG (G881)		-	-	0.000	36.41	6,000	0.218	-	-	-	-	-	-	-	-	-	-	-	-
1.1.4) GRENADE, HAND, SMOKE, GREEN (G940)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.5) GRENADE, HAND, SMOKE, YELLOW (G945)		-	-	0.000	-	-	-	50.47	10,700	0.540	-	-	-	-	-	-	-	-	-
1.1.6) GRENADE, HAND, SMOKE, RED (G950)		41.77	35,000	1.462	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	1.533	-	-	0.218	-	-	1.010	-	-	0.074	-	-	-	-	-	0.074
Subtotal: Hardware - (AHNSW) GRENADES Cost		-	-	1.533	-	-	0.218	-	-	1.010	-	-	0.074	-	-	-	-	-	0.074
Hardware - (AHNSW) 9MM CARTRIDGES Cost																			
Recurring Cost																			
2.1.1) CTG, 9MM BALL (A363)		0.17	8,000,000	1.360	0.22	5,090,909	1.120	0.17	21,969,118	3.735	0.17	7,764,706	1.320	-	-	-	0.17	7,764,706	1.320

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo							Item Number / Title [DODIC]: 2 / Naval Special Warfare (NSW)					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.1.2) CTG, 9MM REDUCED RICOCHETTE, LOW PEN (AA16)		-	-	0.000	-	-	-	-	-	-	0.47	500,000	0.235	-	-	-	0.47	500,000	0.235
Subtotal: Recurring Cost		-	-	1.360	-	-	1.120	-	-	3.735	-	-	1.555	-	-	-	-	-	1.555
Subtotal: Hardware - (AHNSW) 9MM CARTRIDGES Cost		-	-	1.360	-	-	1.120	-	-	3.735	-	-	1.555	-	-	-	-	-	1.555
Hardware - (AHNSW) 7.62MM CARTRIDGES Cost																			
Recurring Cost																			
3.1.1) CTG, 7.62MM SHORT RANGE TRAINING (AA37)		-	-	0.000	-	-	-	0.85	3,000,000	2.550	0.87	1,000,000	0.870	-	-	-	0.87	1,000,000	0.870
3.1.2) CTG, 7.62MM, M993 AP, W/M62 Std Tracer (AA36)		-	-	0.000	-	-	-	2.57	180,000	0.463	-	-	-	-	-	-	-	-	-
3.1.3) CTG, 7.62MM BLANK, LINKED (A111)		0.62	3,200,000	1.984	-	-	-	-	-	-	0.56	1,800,000	1.008	-	-	-	0.56	1,800,000	1.008
3.1.4) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)		0.85	650,000	0.553	0.91	1,400,000	1.274	-	-	-	-	-	-	-	-	-	-	-	-
3.1.5) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)		0.91	1,105,000	1.006	0.45	4,135,555	1.861	0.89	150,000	0.134	0.49	5,571,428	2.730	-	-	-	0.49	5,571,428	2.730
3.1.6) CTG, 7.62MM BALL (SOST) (AB50)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.7) CTG, 7.62MM LNKD, BALL AND TRACER (A131)		0.84	9,000,000	7.560	0.53	10,305,000	5.462	0.93	3,757,690	3.495	0.55	8,514,545	4.683	-	-	-	0.55	8,514,545	4.683
Subtotal: Recurring Cost		-	-	11.104	-	-	8.597	-	-	6.642	-	-	9.291	-	-	-	-	-	9.291
Subtotal: Hardware - (AHNSW) 7.62MM CARTRIDGES Cost		-	-	11.104	-	-	8.597	-	-	6.642	-	-	9.291	-	-	-	-	-	9.291
Hardware - (AHNSW) 5.56MM CARTRIDGES Cost																			
Recurring Cost																			
4.1.1) CTG, 5.56MM JACKETED FRANGIBLE MK (AA40)		-	-	0.000	-	-	-	0.41	1,000,000	0.410	0.41	823,200	0.338	-	-	-	0.41	823,200	0.338
4.1.2) CTG, 5.56MM BALL, CARBINE, BARRIER, MK (AB49)		0.50	700,000	0.350	-	-	-	0.83	246,000	0.204	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo								Item Number / Title [DODIC]: 2 / Naval Special Warfare (NSW)			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4.1.3) CTG, 5.56MM BAL F/M4A1 RIFLE (A059)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.4) CTG, 5.56MM CTG BALL B855 LKD F/SAW (A062)		-	-	0.000	-	-	-	0.35	320,000	0.112	0.46	900,800	0.414	-	-	-	0.46	900,800	0.414
4.1.5) CTG, 5.56MM BLANK, LDD M27 LINK (A075)		-	-	0.000	0.45	3,300,000	1.485	-	-	-	-	-	-	-	-	-	-	-	-
4.1.6) CTG, 5.56MM BLANK (TRAINING ITEM) (A080)		0.26	1,682,640	0.437	0.32	1,500,250	0.480	-	-	-	-	-	-	-	-	-	-	-	-
4.1.7) CTG, 5.56MM 77 GRAIN, MK 262 MOD 0/1, LONG (AA53)		-	-	0.000	-	-	-	0.65	1,977,076	1.285	-	-	-	-	-	-	-	-	-
4.1.8) CTG, 5.56MM MARKING, RED (AA12)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.9) CTG, 9/5.56MM MARKING, BLUE (AA21)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.10) CTG, 5.56MM LINKED (A064)		-	-	0.000	-	-	-	0.54	3,000,000	1.620	0.55	2,240,000	1.232	-	-	-	0.55	2,240,000	1.232
<i>Subtotal: Recurring Cost</i>		-	-	0.789	-	-	1.965	-	-	3.631	-	-	1.984	-	-	-	-	-	1.984
<i>Subtotal: Hardware - (AHNSW) 5.56MM CARTRIDGES Cost</i>		-	-	0.789	-	-	1.965	-	-	3.631	-	-	1.984	-	-	-	-	-	1.984
Hardware - (AHNSW) .50 CAL CARTRIDGES Cost																			
Recurring Cost																			
5.1.1) CTG, 50 CAL, LINKED, BALL MK 322/TRACER MK (AB64)		-	-	0.000	-	-	-	4.00	200,000	0.800	-	-	-	-	-	-	-	-	-
5.1.2) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)		2.70	650,000	1.755	2.33	853,218	1.988	-	-	-	-	-	-	-	-	-	-	-	-
5.1.3) CTG, CAL .50 LINKED, BALL/ TRACER (A557)		-	-	0.000	-	-	-	1.83	1,215,846	2.225	-	-	-	-	-	-	-	-	-
5.1.4) CTG, CAL .50 APL MK 211 MIULTI PURPOSE (A606)		-	-	0.000	-	-	-	-	-	-	14.55	50,160	0.730	-	-	-	14.55	50,160	0.730
5.1.5) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)		-	-	0.000	1.95	1,462,564	2.852	1.97	3,918,570	7.720	1.99	1,034,674	2.059	-	-	-	1.99	1,034,674	2.059

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo								Item Number / Title [DODIC]: 2 / Naval Special Warfare (NSW)			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5.1.6) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)		-	-	0.000	1.19	1,182,352	1.407	1.20	1,320,834	1.585	1.21	1,520,660	1.840	-	-	-	1.21	1,520,660	1.840
<i>Subtotal: Recurring Cost</i>		-	-	1.755	-	-	6.247	-	-	12.330	-	-	4.629	-	-	-	-	-	4.629
<i>Subtotal: Hardware - (AHNSW) .50 CAL CARTRIDGES Cost</i>		-	-	1.755	-	-	6.247	-	-	12.330	-	-	4.629	-	-	-	-	-	4.629
Hardware - (AHNSW) SHOTGUN CARTRIDGES Cost																			
Recurring Cost																			
6.1.1) CTG, 12 GAUGE SHOTGUN 00 BUCK (A011)		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - (AHNSW) SHOTGUN CARTRIDGES Cost</i>		-	-	0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - (AHNSW) MATCH AMMO Cost																			
Recurring Cost																			
7.1.1) CTG, CAL .300 MATCH (A191)		-	-	0.000	-	-	-	1.25	720,000	0.900	-	-	-	-	-	-	-	-	-
7.1.2) CTG, CAL 45 MATCH (A483)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.000	-	-	-	-	-	0.900	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - (AHNSW) MATCH AMMO Cost</i>		-	-	0.000	-	-	-	-	-	0.900	-	-	-	-	-	-	-	-	-
Hardware - (AHNSW) TRANSPORTATION ACCOUNT CODE (TAC) Cost																			
Recurring Cost																			
8.1.1) NSW TRANSPORTATION ACCOUNT CODE (TAC)		-	-	0.120	-	-	0.200	-	-	0.200	-	-	0.100	-	-	-	-	-	0.100
<i>Subtotal: Recurring Cost</i>		-	-	0.120	-	-	0.200	-	-	0.200	-	-	0.100	-	-	-	-	-	0.100
<i>Subtotal: Hardware - (AHNSW) TRANSPORTATION ACCOUNT CODE (TAC) Cost</i>		-	-	0.120	-	-	0.200	-	-	0.200	-	-	0.100	-	-	-	-	-	0.100
Support - (NS830) PRODUCTION ENGINEERING Cost																			
9.1) Production Engineering		-	-	0.000	-	-	1.752	-	-	1.062	-	-	0.642	-	-	-	-	-	0.642
<i>Subtotal: Support - (NS830) PRODUCTION ENGINEERING Cost</i>		-	-	0.000	-	-	1.752	-	-	1.062	-	-	0.642	-	-	-	-	-	0.642

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0335 / Small Arms & Lndg Party Ammo							Item Number / Title [DODIC]: 2 / Naval Special Warfare (NSW)					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Gross/Weapon System Cost		-	-	16.662	-	-	20.099	-	-	29.510	-	-	18.275	-	-	-	-	-	18.275

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy									Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0340 / Pyrotechnic and Demolition					
ID Code (A=Service Ready, B=Not Service Ready) : A			Program Elements for Code B Items:					Other Related Program Elements:				
Resource Summary	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	33.642	12.154	13.084	11.652	-	11.652	11.170	11.567	11.767	11.991	-	117.027
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	33.642	12.154	13.084	11.652	-	11.652	11.170	11.567	11.767	11.991	-	117.027
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	33.642	12.154	13.084	11.652	-	11.652	11.170	11.567	11.767	11.991	-	117.027
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>Description: Program provides pyrotechnics and demolition materials for all active naval vessels, construction battalions, mobile diving and salvage units, cargo handling and port groups, naval security groups, and explosive ordnance disposal groups/mobile units/detachments/teams. Pyrotechnics are used for training, combat exercises, submarine rescue and personnel search, and rescue operations. These items consist of illumination, signaling, identification, and location devices using flares or smoke as the primary signaling agent.</p> <p>Demolitions consist of explosive devices and accessories and are required for fleet units to perform training functions and operations/requirements. Fleet requirements are based upon CNO approved allowance lists for special needs on a case by case basis and worldwide fleet expenditure. This program also provides materials to support the ship shock test program.</p> <p>[P5 / Integrated Warfare Systems]: (AJ100) - Procures components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities will be adjusted during the year of execution.</p> <p>[P5 / (AJ850) PRODUCT IMPROVEMENT]: Provides engineering services and related efforts by government activities, the producing contractor or manufacturing installation to extend the useful military life of an item or to improve the item within the current performance envelope.</p> <p>[P5 / (AJ893) RENOVATION COMPONENTS]: The items purchased with funds identified for renovation components will be used to upgrade unserviceable rounds to ready-for-issue condition. The rounds to be renovated will be those with the lowest asset readiness positions.</p> <p>[P5 / (AJ894) GAUGE REQUIREMENTS]: Procure the gauges and test equipments necessary to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and sub-assemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.</p> <p>[P5 / (AJ895) NON-STANDARD]: The non-standard line is to support procurement of ammunition training aids and initial procurements of required non-type classified munition items.</p> <p>[P5 / (AJ830) PRODUCTION ENGINEERING]: Provides for production engineering services.</p>												

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy							Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0340 / Pyrotechnic and Demolition			

ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
[P5 - 2 / Naval Special Warfare]: (AJNSW) - Procures components, load and assemble complete rounds and conduct acceptance tests. Costs associated with Transportation Account Code (TAC) are for first destination of delivery of production items for Naval Special Warfare service common items. Unit costs and quantities will be adjusted during the year of execution.		
[P5 - 2 / (NS830) PRODUCTION ENGINEERING]: Provides for production engineering services.		

Secondary Distribution		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019
Navy	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	12.065	12.996	11.567	-	11.567	11.083	11.474	11.674	11.896
NR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.089	0.088	0.085	-	0.085	0.087	0.093	0.093	0.095
Total: Secondary Distribution	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	12.154	13.084	11.652	-	11.652	11.170	11.567	11.767	11.991

Exhibits Schedule			Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Item - 1 / Integrated Warfare Systems	P-5		-	-	32.883	-	-	11.267	-	-	12.428	-	-	9.887	-	-	-	-	-	9.887
Item - 2 / Naval Special Warfare	P-5		-	-	0.759	-	-	0.887	-	-	0.656	-	-	1.765	-	-	-	-	-	1.765
Total Gross/Weapon System Cost			-	-	33.642	-	-	12.154	-	-	13.084	-	-	11.652	-	-	-	-	-	11.652

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

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

Justification:
FY15 funding is required for the baseline program.

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Exhibit P-5, Cost Analysis: PB 2015 Navy													Date: March 2014						
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0340 / Pyrotechnic and Demolition						Item Number / Title [DODIC]: 1 / Integrated Warfare Systems						
Resource Summary					Prior Years		FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO [#]		FY 2015 Total				
Procurement Quantity <i>(Units in Each)</i>					-		-		-		-		-		-				
Gross/Weapon System Cost <i>(\$ in Millions)</i>					32.883		11.267		12.428		9.887		-		9.887				
Less PY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Net Procurement (P1) <i>(\$ in Millions)</i>					32.883		11.267		12.428		9.887		-		9.887				
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Total Obligation Authority <i>(\$ in Millions)</i>					32.883		11.267		12.428		9.887		-		9.887				
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																			
Initial Spares <i>(\$ in Millions)</i>					-		-		-		-		-		-				
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-		-		-		-		-		-				
# The FY 2015 OCO Request will be submitted at a later date.																			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Hardware - AJ100 TRANSPORTATION ACCOUNT CODE Cost																			
Recurring Cost																			
1.1.1) TRANSPORTATION ACCOUNT CODE (N97)		-	-	0.069	-	-	0.036	-	-	0.007	-	-	0.050	-	-	-	-	-	0.050
1.1.2) TRANSPORTATION ACCOUNT CODE (N96)		-	-	0.478	-	-	0.118	-	-	0.208	-	-	0.190	-	-	-	-	-	0.190
1.1.3) TRANSPORTATION ACCOUNT CODE (N95)		-	-	0.000	-	-	0.010	-	-	0.025	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.547	-	-	0.164	-	-	0.240	-	-	0.240	-	-	-	-	-	0.240
Subtotal: Hardware - AJ100 TRANSPORTATION ACCOUNT CODE Cost		-	-	0.547	-	-	0.164	-	-	0.240	-	-	0.240	-	-	-	-	-	0.240
Hardware - AJ100 PE/QA SMCA Cost																			
Recurring Cost																			
2.1.1) PE/QA SMCA		-	-	2.852	-	-	0.210	-	-	0.461	-	-	0.530	-	-	-	-	-	0.530
Subtotal: Recurring Cost		-	-	2.852	-	-	0.210	-	-	0.461	-	-	0.530	-	-	-	-	-	0.530
Subtotal: Hardware - AJ100 PE/QA SMCA Cost		-	-	2.852	-	-	0.210	-	-	0.461	-	-	0.530	-	-	-	-	-	0.530
Hardware - AJ100 CUTTERS & CARTRIDGES Cost																			
Recurring Cost																			

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0340 / Pyrotechnic and Demolition								Item Number / Title [DODIC]: 1 / Integrated Warfare Systems			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3.1.1) CTG, 50 CAL BLANK, ELEC, MK20 (SS01)		-	-	0.000	-	-	-	186.68	6,289	1.174	-	-	-	-	-	-	-	-	-
3.1.2) CUTTER, MK20, NON- ELECTRIC IN (SS43)		1,141.67	600	0.685	-	-	-	-	-	-	1,256.00	500	0.628	-	-	-	1,256.00	500	0.628
3.1.3) MK 278 BLACK POWDER BLANK (AA66)		-	-	0.000	1.76	15,360	0.027	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.685	-	-	0.027	-	-	1.174	-	-	0.628	-	-	-	-	-	0.628
<i>Subtotal: Hardware - AJ100 CUTTERS & CARTRIDGES Cost</i>		-	-	0.685	-	-	0.027	-	-	1.174	-	-	0.628	-	-	-	-	-	0.628
Hardware - AJ100 DET CORDS, CAPS & FUZES Cost																			
Recurring Cost																			
4.1.1) CAP, BLASTING, ELEC, INERT (MP16)		-	-	0.000	-	-	-	21.47	15,000	0.322	-	-	-	-	-	-	-	-	-
4.1.2) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)		40.11	7,030	0.282	43.17	24,000	1.036	42.72	49,904	2.132	44.64	12,366	0.552	-	-	-	44.64	12,366	0.552
4.1.3) SQUIB, ELECTRIC, MK 20 MOD 2 (MP40)		-	-	0.000	62.12	7,920	0.492	-	-	-	-	-	-	-	-	-	-	-	-
4.1.4) CAP, BLASTIN, NON-ELEC, INERT (M097)		44.08	9,800	0.432	20.54	14,900	0.306	-	-	-	22.93	14,000	0.321	-	-	-	22.93	14,000	0.321
4.1.5) CORD, DETONATING, PRIMACORD (M456)		0.79	164,000	0.130	0.80	1,236,500	0.989	0.81	1,259,300	1.020	-	-	-	-	-	-	-	-	-
4.1.6) DETONATOR, DEL, 17MS, MK 158 (DWEL)		18.33	3,000	0.055	47.14	3,840	0.181	-	-	-	-	-	-	-	-	-	-	-	-
4.1.7) DETONATOR, NON-ELEC, MK 121 (MP17)		-	-	0.335	-	-	-	-	-	-	181.96	4,424	0.805	-	-	-	181.96	4,424	0.805
4.1.8) EOD REFILL KIT-LMNS (DWGJ)		-	-	0.167	560.00	600	0.336	-	-	-	-	-	-	-	-	-	-	-	-
4.1.9) FUZE, BLASTING, TIME (M670)		0.49	1,356,000	0.665	-	-	-	0.54	361,000	0.195	-	-	-	-	-	-	-	-	-
4.1.10) IGNITIER, TIME BLASTING FUZE (MN08)		-	-	0.000	5.35	43,956	0.235	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	2.066	-	-	3.575	-	-	3.669	-	-	1.678	-	-	-	-	-	1.678

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0340 / Pyrotechnic and Demolition							Item Number / Title [DODIC]: 1 / Integrated Warfare Systems					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal: Hardware - AJ100 DET CORDS, CAPS & FUZES Cost		-	-	2.066	-	-	3.575	-	-	3.669	-	-	1.678	-	-	-	-	-	1.678
Hardware - MINE CHARGES & CHARGE CUTTERS Cost																			
Recurring Cost																			
5.1.1) CHG KIT, DML, MK 75 (MW84)		-	-	0.000	-	-	-	-	-	-	1,673.13	774	1.295	-	-	-	1,673.13	774	1.295
5.1.2) CHG, BOOSTER, 20 GM, MK 140 (MM30)		-	-	0.079	4.42	23,280	0.103	-	-	-	-	-	-	-	-	-	-	-	-
5.1.3) CHG, DML, BLK, COMP C-4, 1.25 (M023)		24.81	50,300	1.248	21.22	44,490	0.944	-	-	-	-	-	-	-	-	-	-	-	-
5.1.4) CHG, DML, SHAPED, M3, 40 LB (M421)		744.44	90	0.067	1,091.93	446	0.487	-	-	-	-	-	-	-	-	-	-	-	-
5.1.5) CHG, DML, XPL ROLL, 11FT (M985)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1.6) CHG, DML, XPL ROLL, 25 FT (M981)		-	-	0.000	-	-	-	-	-	-	46.40	5,000	0.232	-	-	-	46.40	5,000	0.232
5.1.7) CHG, DML, XPL ROLL, 38 FT, 14 (M980)		-	-	0.000	-	-	-	-	-	-	30.01	5,365	0.161	-	-	-	30.01	5,365	0.161
5.1.8) (MN70) CUTTER, POWDER ACTUATED MK 23/1 (MN70)		-	-	0.000	333.33	1,842	0.614	-	-	-	-	-	-	-	-	-	-	-	-
5.1.9) VALVE, EXPLOSIVE ELECTRIC, MK 2 MOD 1 (MW02)		-	-	0.000	-	-	-	-	-	-	477.80	1,599	0.764	-	-	-	477.80	1,599	0.764
5.1.10) (MN71) CUTTER, POWDER ACTUATED MK 24/1		-	-	0.000	-	-	-	608.97	1,716	1.045	-	-	-	-	-	-	-	-	-
5.1.11) (MM54) CHG, DEML, MK149 MOD0 LOW HAZ FLEX LIN SHP (MM54)		61.88	5,430	0.336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1.12) (MM53) Chg, Demo, Mk 145 Low Hazard Flex (MM53)		48.63	3,640	0.177	-	-	-	50.60	5,000	0.253	51.50	8,000	0.412	-	-	-	51.50	8,000	0.412
5.1.13) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)		-	-	0.000	19.35	5,168	0.100	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0340 / Pyrotechnic and Demolition								Item Number / Title [DODIC]: 1 / Integrated Warfare Systems			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5.1.14) (M995) CHARGE, DEMOLITION RIGID LN MK 86 (M995)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1.15) (M997) CHARGE, DEMO, ORDNANCE DISPOSAL, MK 88 (M997)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1.16) (M998)CHARGE, DEMOLITION RIGID LN MK 89 (M998)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.1.17) CHG, DEML, MK144 MOD 0 LOW HAZ FLEX (MM52)		-	-	0.000	45.48	16,800	0.764	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	1.907	-	-	3.012	-	-	1.298	-	-	2.864	-	-	-	-	-	2.864
<i>Subtotal: Hardware - MINE CHARGES & CHARGE CUTTERS Cost</i>		-	-	1.907	-	-	3.012	-	-	1.298	-	-	2.864	-	-	-	-	-	2.864
Hardware - AJ100 N97 UNDERSEA WARFARE Cost																			
Recurring Cost																			
6.1.1) SIGNAL, SMOKE AND ILLUM, MAR, MK 146 MOD 0 (LA72)		-	-	0.000	-	-	-	1,598.47	655	1.047	-	-	-	-	-	-	-	-	-
6.1.2) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)		3,118.75	320	0.998	1,540.51	790	1.217	-	-	-	-	-	-	-	-	-	-	-	-
6.1.3) SIG, SMK ILLUM, MAR, MK 144/118, YELLOW (LA27)		-	-	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1.4) MARKER, LOCATION, SUB, MK 140/66, RED (LA28)		6,742.51	167	1.126	-	-	-	-	-	-	1,522.26	674	1.026	-	-	-	1,522.26	674	1.026
6.1.5) CTG, IMPULSE, MK148 (M663)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1.6) EXPLOSIVE BOLT CARTRIDGE (MC91)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	3.624	-	-	1.217	-	-	1.047	-	-	1.026	-	-	-	-	-	1.026
<i>Subtotal: Hardware - AJ100 N97 UNDERSEA WARFARE Cost</i>		-	-	3.624	-	-	1.217	-	-	1.047	-	-	1.026	-	-	-	-	-	1.026
Hardware - AJ100 SHOCK TEST CHARGES Cost																			

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014					
Appropriation / Budget Activity / Budget Sub Activity:							P-1 Line Item Number / Title:							Item Number / Title [DODIC]:					
1508N / 01 / 1							0340 / Pyrotechnic and Demolition							1 / Integrated Warfare Systems					
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Recurring Cost																			
7.1.1) CHARGE, SHOCK TEST, 60 LB (XW65)		-	-	0.000	-	-	-	2,261.31	397	0.898	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.000	-	-	-	-	-	0.898	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - AJ100 SHOCK TEST CHARGES Cost		-	-	0.000	-	-	-	-	-	0.898	-	-	-	-	-	-	-	-	-
Hardware - AJ100 SIGNALS Cost																			
Recurring Cost																			
8.1.1) (L258) SIGNAL ILLUMINATION, ,L80/0 RED STAR (L258)		47.45	11,000	0.522	-	-	-	11.15	40,000	0.446	-	-	-	-	-	-	-	-	-
8.1.2) SIG, SMK ILLUM, MAR, MK 124/1, DISTRESS (LA60)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.522	-	-	-	-	-	0.446	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - AJ100 SIGNALS Cost		-	-	0.522	-	-	-	-	-	0.446	-	-	-	-	-	-	-	-	-
Hardware - TRAINING DEVICES Cost																			
Recurring Cost																			
9.1.1) SIM, HAND GRENADE, M116 (L601)		28.49	12,076	0.344	14.17	8,400	0.119	13.94	17,000	0.237	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost		-	-	0.344	-	-	0.119	-	-	0.237	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - TRAINING DEVICES Cost		-	-	0.344	-	-	0.119	-	-	0.237	-	-	-	-	-	-	-	-	-
Hardware - (AJ850) PRODUCT IMPROVEMENT Cost																			
Recurring Cost																			
10.1.1) PRODUCT IMPROVEMENT (N95) Expeditionary Warfare		-	-	0.000	-	-	-	-	-	0.020	-	-	-	-	-	-	-	-	-
10.1.2) PRODUCT IMPROVEMENT (N96) Surface Warfare		-	-	4.953	-	-	0.511	-	-	0.442	-	-	0.254	-	-	-	-	-	0.254
10.1.3) PRODUCT IMPROVEMENT (N97) Undersea Warfare		-	-	0.763	-	-	0.202	-	-	0.250	-	-	0.227	-	-	-	-	-	0.227
Subtotal: Recurring Cost		-	-	5.716	-	-	0.713	-	-	0.712	-	-	0.481	-	-	-	-	-	0.481

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0340 / Pyrotechnic and Demolition								Item Number / Title [DODIC]: 1 / Integrated Warfare Systems			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal: Hardware - (AJ850) PRODUCT IMPROVEMENT Cost		-	-	5.716	-	-	0.713	-	-	0.712	-	-	0.481	-	-	-	-	-	0.481
Hardware - (AJ893) RENOVATION COMPONENTS Cost																			
Recurring Cost																			
11.1.1) RENOVATION COMPONENTS		-	-	1.176	-	-	-	-	-	0.160	-	-	0.068	-	-	-	-	-	0.068
Subtotal: Recurring Cost		-	-	1.176	-	-	-	-	-	0.160	-	-	0.068	-	-	-	-	-	0.068
Subtotal: Hardware - (AJ893) RENOVATION COMPONENTS Cost		-	-	1.176	-	-	-	-	-	0.160	-	-	0.068	-	-	-	-	-	0.068
Hardware - (AJ894) GAUGE REQUIREMENTS Cost																			
Recurring Cost																			
12.1.1) GAUGE REQUIREMENTS		-	-	0.119	-	-	-	-	-	0.005	-	-	0.003	-	-	-	-	-	0.003
Subtotal: Recurring Cost		-	-	0.119	-	-	-	-	-	0.005	-	-	0.003	-	-	-	-	-	0.003
Subtotal: Hardware - (AJ894) GAUGE REQUIREMENTS Cost		-	-	0.119	-	-	-	-	-	0.005	-	-	0.003	-	-	-	-	-	0.003
Hardware - (AJ895) NON-STANDARD Cost																			
Recurring Cost																			
13.1.1) NON- STANDARD		-	-	0.057	-	-	0.130	-	-	0.130	-	-	0.130	-	-	-	-	-	0.130
Subtotal: Recurring Cost		-	-	0.057	-	-	0.130	-	-	0.130	-	-	0.130	-	-	-	-	-	0.130
Subtotal: Hardware - (AJ895) NON-STANDARD Cost		-	-	0.057	-	-	0.130	-	-	0.130	-	-	0.130	-	-	-	-	-	0.130
Support - (AJ830) PRODUCTION ENGINEERING Cost																			
14.1) PRODUCTION ENGINEERING (N95) Expeditionary Warfare		-	-	0.018	-	-	-	-	-	0.025	-	-	-	-	-	-	-	-	-
14.2) PRODUCTION ENGINEERING (N96) Surface Warfare		-	-	11.383	-	-	1.263	-	-	0.986	-	-	1.273	-	-	-	-	-	1.273
14.3) PRODUCTION ENGINEERING (N97) Undersea Warfare		-	-	1.867	-	-	0.837	-	-	0.940	-	-	0.966	-	-	-	-	-	0.966
Subtotal: Support - (AJ830) PRODUCTION ENGINEERING Cost		-	-	13.268	-	-	2.100	-	-	1.951	-	-	2.239	-	-	-	-	-	2.239
Gross/Weapon System Cost		-	-	32.883	-	-	11.267	-	-	12.428	-	-	9.887	-	-	-	-	-	9.887

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Exhibit P-5, Cost Analysis: PB 2015 Navy														Date: March 2014								
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1							P-1 Line Item Number / Title: 0340 / Pyrotechnic and Demolition							Item Number / Title [DODIC]: 2 / Naval Special Warfare								
Resource Summary					Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO [#]			FY 2015 Total		
Procurement Quantity <i>(Units in Each)</i>					-			-			-			-			-			-		
Gross/Weapon System Cost <i>(\$ in Millions)</i>					0.759			0.887			0.656			1.765			-			1.765		
Less PY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Net Procurement (P1) <i>(\$ in Millions)</i>					0.759			0.887			0.656			1.765			-			1.765		
Plus CY Advance Procurement <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Total Obligation Authority <i>(\$ in Millions)</i>					0.759			0.887			0.656			1.765			-			1.765		
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)																						
Initial Spares <i>(\$ in Millions)</i>					-			-			-			-			-			-		
Gross/Weapon System Unit Cost <i>(\$ in Dollars)</i>					-			-			-			-			-			-		
# The FY 2015 OCO Request will be submitted at a later date.																						
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total					
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)			
Hardware - AJNSW DET, CORDS, CAPS, FUZES Cost																						
Recurring Cost																						
1.1.1) CHG, BOOSTER, 20 GM, MK 140 (MM30)		3.70	30,000	0.111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1.1.2) IGNITER, TIME BLASTING FUZE (MN08)		-	-	0.000	-	-	-	-	-	-	7.02	40,260	0.283	-	-	-	7.02	40,260	0.283			
Subtotal: Recurring Cost		-	-	0.111	-	-	-	-	-	-	-	-	0.283	-	-	-	-	-	0.283			
Subtotal: Hardware - AJNSW DET, CORDS, CAPS, FUZES Cost		-	-	0.111	-	-	-	-	-	-	-	-	0.283	-	-	-	-	-	0.283			
Hardware - AJNSW MINE CHARGERS & CHARGE CUTTERS Cost																						
Recurring Cost																						
2.1.1) CHG, DEMO, EXPLOSIVE SHEET, .333 (M986)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2.1.2) CHG, DML, BLK, COMP C-4, 1.25 (M023)		24.84	11,070	0.275	21.22	24,552	0.521	42.58	14,040	0.598	43.35	31,080	1.347	-	-	-	43.35	31,080	1.347			
Subtotal: Recurring Cost		-	-	0.275	-	-	0.521	-	-	0.598	-	-	1.347	-	-	-	-	-	1.347			
Subtotal: Hardware - AJNSW MINE CHARGERS & CHARGE CUTTERS Cost		-	-	0.275	-	-	0.521	-	-	0.598	-	-	1.347	-	-	-	-	-	1.347			
Hardware - AJNSW TRAINING DEVICES Cost																						
Recurring Cost																						

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Exhibit P-5, Cost Analysis: PB 2015 Navy																Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0340 / Pyrotechnic and Demolition								Item Number / Title [DODIC]: 2 / Naval Special Warfare			
Cost Elements	ID CD	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
3.1.1) SIM, HAND GERNADE, M116 (L601)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.2) FLARE, SURFACE TRIP M49 (L495)		-	-	0.000	40.60	5,000	0.203	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.000	-	-	0.203	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - AJNSW TRAINING DEVICES Cost</i>		-	-	0.000	-	-	0.203	-	-	-	-	-	-	-	-	-	-	-	-
Hardware - AJNSW SIGNALS Cost																			
Recurring Cost																			
4.1.1) SIM, PROJ, GROUND BURST M115A2 (L594)		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Hardware - AJNSW SIGNALS Cost</i>		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support - (NS830) PRODUCTION ENGINEERING Cost																			
5.1) PRODUCTION ENGINEERING		-	-	0.373	-	-	0.163	-	-	0.058	-	-	0.135	-	-	-	-	-	0.135
<i>Subtotal: Support - (NS830) PRODUCTION ENGINEERING Cost</i>		-	-	0.373	-	-	0.163	-	-	0.058	-	-	0.135	-	-	-	-	-	0.135
Gross/Weapon System Cost		-	-	0.759	-	-	0.887	-	-	0.656	-	-	1.765	-	-	-	-	-	1.765

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy										Date: March 2014			
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition							P-1 Line Item Number / Title: 0400 / Ammunition 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO#	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	To Complete	Total	
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost (<i>\$ in Millions</i>)	46.312	9.939	12.270	4.473	-	4.473	4.510	4.479	4.440	4.531	Continuing	Continuing	
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) (<i>\$ in Millions</i>)	46.312	9.939	12.270	4.473	-	4.473	4.510	4.479	4.440	4.531	Continuing	Continuing	
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority (<i>\$ in Millions</i>)	46.312	9.939	12.270	4.473	-	4.473	4.510	4.479	4.440	4.531	Continuing	Continuing	
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>													
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Flyaway Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost (<i>\$ in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-	
<p># The FY 2015 OCO Request will be submitted at a later date.</p> <p>Description: This program provides funding for ammunition with value less than \$5 million.</p> <p>[P40A / (A5010) MK-58 MARINE LOCATION MARKERS]: Marine Location Markers include both air-launched and hand-launched pyrotechnic devices. The aircraft launched units visually assist in the location of sonobouys during anti-submarine operations. The hand launched units are used in a variety of situations to include Search and Rescue operations, Man Overboard drills and Target Marking. The MK-58 was designed for day or night use in any condition calling for long burning, smoke and flame reference-point marking on the ocean. It produces yellow flame and white smoke for 40-60 minutes, which is visible for at least three miles under normal operating conditions.</p> <p>[P40A / (A5011) LUU-19 PARAFLARES]: The LUU-19 Aircraft Parachute Flares are used for near infrared nighttime illumination of surface areas in search and attack operations. They are 36 inches long, 4.9 inches in diameter and weigh approximately 36 pounds, and provide 7 minutes illumination at approximately 650 watts/steradian in the infrared region.</p>													

Exhibits Schedule		Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total			
Title*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Ammunition less than \$5 million	P-40a		-	-	46.312	-	-	9.939	-	-	12.270	-	-	4.473	-	-	-	-	-	4.473
Total Gross/Weapon System Cost			-	-	46.312	-	-	9.939	-	-	12.270	-	-	4.473	-	-	-	-	-	4.473

*For P-40as, Title represents the P40a Title.

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

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Exhibit P-40, Budget Line Item Justification: PB 2015 Navy		Date: March 2014
Appropriation / Budget Activity / Budget Sub Activity: 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition		P-1 Line Item Number / Title: 0400 / Ammunition less than \$5 million
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
Justification: FY15 funds the baseline program.		

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Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2015 Navy															Date: March 2014				
Appropriation / Budget Activity / Budget Sub Activity: 1508N / 01 / 1								P-1 Line Item Number / Title: 0400 / Ammunition less than \$5 million							Aggregated Items Title: Ammunition less than \$5 million				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2013			FY 2014			FY 2015 Base			FY 2015 OCO			FY 2015 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) HARDWARE																				
1.1) (A5010) MK-58 MARINE LOCATION MARKERS ⁽¹⁾	A		1,354.47	18,137	24.566	193.96	5,267	1.022	200.75	5,729	1.150	207.71	5,392	1.120	-	-	-	207.71	5,392	1.120
1.2) (A5011) LUU-19 PARAFLARES ⁽²⁾	A		1,271.19	4,720	6.000	1,577.00	5,057	7.975	1,602.50	6,643	10.645	1,631.47	1,818	2.966	-	-	-	1,631.47	1,818	2.966
1.3) (A5894) Miscellaneous ⁽³⁾	A		-	-	0.030	-	-	0.297	-	-	0.052	-	-	0.032	-	-	-	-	-	0.032
Subtotal: 1) HARDWARE			-	-	30.596	-	-	9.294	-	-	11.847	-	-	4.118	-	-	-	-	-	4.118
2) PRODUCTION SUPPORT																				
2.1) (A5820) Mk-58 Marine Location Marker Support	A		-	-	15.636	-	-	0.564	-	-	0.340	-	-	0.271	-	-	-	-	-	0.271
2.2) (A5820) LUU-19 Paraflares Support	A		-	-	0.080	-	-	0.081	-	-	0.083	-	-	0.084	-	-	-	-	-	0.084
Subtotal: 2) PRODUCTION SUPPORT			-	-	15.716	-	-	0.645	-	-	0.423	-	-	0.355	-	-	-	-	-	0.355
Total			-	-	46.312	-	-	9.939	-	-	12.270	-	-	4.473	-	-	-	-	-	4.473

Footnotes:

- ⁽¹⁾ Unit Cost is dependant on total quantities from the United States Air Force (USAF) and United States Navy (USN). MK-58 unit cost updated in FY 2013 and out to reflect actual contract options.
- ⁽²⁾ Unit Cost is dependent on total quantities from the USAF and USN. The FY 2013 OCO funding (\$6.3M) provided approximately 4,000 LUU-19 Aircraft Parachute Flares and associated support costs. The FY 2014 OCO (\$7.7M) funding provided approximately 4,800 LUU-19 aircraft parachute flares. This OCO funding is required for the replenishment of components that have been expended in direct support of combat operations. These operations were in support of Operation Enduring Freedom - Afghanistan.
- ⁽³⁾ Miscellaneous includes non-standard items and renovation components. Increase in Miscellaneous in FY 2013 is due to the procurement of Landyards and Pallets for MK-58 Marine Location Markers and the LUU-19 Aircraft Paracute Flares.

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