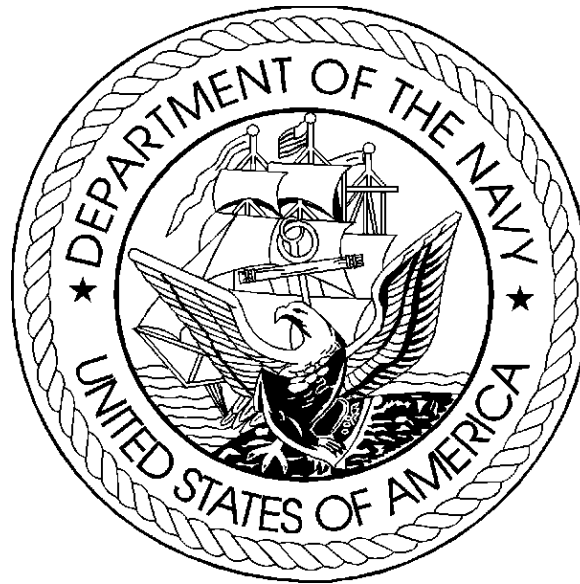


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**Department of Defense
Fiscal Year (FY) 2014 President's Budget Submission**

April 2013



Navy

Justification Book Volume 1 of 2

Procurement of Ammo, Navy & MC

Budget Activity 01

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Navy • President's Budget Submission FY 2014 • Procurement

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Department of Defense Appropriations Act, 2014

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, \$589,267,000, to remain available for obligation until September 30, 2016.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
Procurement of Ammo, Navy & MC	944,591	602,249	285,747		887,996
Total Department of the Navy	944,591	602,249	285,747		887,996

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation -----	FY 2014 Base -----
Procurement of Ammo, Navy & MC	589,267
Total Department of the Navy	589,267

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

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Department of the Navy
 FY 2014 President's Budget
 Exhibit P-1 FY 2014 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

28 Feb 2013

Appropriation: Procurement of Ammo, Navy & MC

Budget Activity -----	FY 2012 (Base & OCO) -----	FY 2013 Base Request with CR Adj* -----	FY 2013 OCO Request with CR Adj* -----	Emergency Disaster Relief Act of 2013 -----	FY 2013 Total Request with CR Adj* -----
01. Proc Ammo, Navy	482,305	461,183	151,808		612,991
02. Proc Ammo, MC	462,286	298,356	133,939		432,295
20. Undistributed		-157,290			-157,290
Total Procurement of Ammo, Navy & MC	944,591	602,249	285,747		887,996

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: Procurement of Ammo, Navy & MC

Budget Activity -----	FY 2014 Base -----
01. Proc Ammo, Navy	462,944
02. Proc Ammo, MC	126,323
20. Undistributed	
Total Procurement of Ammo, Navy & MC	589,267

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
Budget Activity 01: Proc Ammo, Navy								

Navy Ammunition								
1	General Purpose Bombs	A	63,666	27,024	18,000		45,024	U
2	Airborne Rockets, All Types	A	103,464	56,575	80,200		136,775	U
3	Machine Gun Ammunition	A	40,188	21,266	21,500		42,766	U
4	Practice Bombs	A	35,289	34,319			34,319	U
5	Cartridges & Cart Actuated Devices	A	46,716	53,755			53,755	U
6	Air Expendable Countermeasures	A	80,677	61,693	20,303		81,996	U
7	JATOS	A	2,766	2,776			2,776	U
8	LRLAP 6" Long Range Attack Projectile	A		7,102			7,102	U
9	5 Inch/54 Gun Ammunition	A	10,901	48,320			48,320	U
10	Intermediate Caliber Gun Ammunition	A	1,112	25,544			25,544	U
11	Other Ship Gun Ammunition	A	19,200	41,624	532		42,156	U
12	Small Arms & Landing Party Ammo	A	56,349	65,893	2,643		68,536	U
13	Pyrotechnic and Demolition	A	11,870	11,176	2,322		13,498	U
14	Ammunition Less Than \$5 Million	A	10,107	4,116	6,308		10,424	U
Total Proc Ammo, Navy			482,305	461,183	151,808		612,991	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c -
Budget Activity 01: Proc Ammo, Navy				

Navy Ammunition				
1	General Purpose Bombs	A	37,703	U
2	Airborne Rockets, All Types	A	65,411	U
3	Machine Gun Ammunition	A	20,284	U
4	Practice Bombs	A	37,870	U
5	Cartridges & Cart Actuated Devices	A	53,764	U
6	Air Expendable Countermeasures	A	67,194	U
7	JATOS	A	2,749	U
8	LRLAP 6" Long Range Attack Projectile	A	3,906	U
9	5 Inch/54 Gun Ammunition	A	24,151	U
10	Intermediate Caliber Gun Ammunition	A	33,080	U
11	Other Ship Gun Ammunition	A	40,398	U
12	Small Arms & Landing Party Ammo	A	61,219	U
13	Pyrotechnic and Demolition	A	10,637	U
14	Ammunition Less Than \$5 Million	A	4,578	U

Total Proc Ammo, Navy			462,944	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c
Budget Activity 02: Proc Ammo, MC								

Marine Corps Ammunition								
15	Small Arms Ammunition		73,612	83,733	10,948		94,681	U
16	Linear Charges, All Types	A	29,182	24,645	9,940		34,585	U
17	40 Mm, All Types	A	102,020	16,201	5,963		22,164	U
18	60mm, All Types	A	10,920					U
19	81mm, All Types	A	34,092	13,711			13,711	U
20	120mm, All Types	A	20,538	12,557	11,605		24,162	U
21	Ctg 25mm, All Types	A	3,889		2,831		2,831	U
22	Grenades, All Types	A	19,363	7,634	2,359		9,993	U
23	Rockets, All Types	A	29,634	27,528	3,051		30,579	U
24	Artillery, All Types	A	79,750	93,065	54,886		147,951	U
25	Demolition Munitions, All Types	A	25,786	2,047	1,391		3,438	U
26	Fuze, All Types	A	14,443	5,297	30,945		36,242	U
27	Non Lethals	B	3,639	1,362	8		1,370	U
28	Ammo Modernization	A	9,287	4,566			4,566	U
29	Items Less Than \$5 Million	A	6,131	6,010	12		6,022	U
Total Proc Ammo, MC			462,286	298,356	133,939		432,295	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2014 Base Quantity	S e c t o r C o d e
----	-----	-----	-----	-----
Budget Activity 02: Proc Ammo, MC				

Marine Corps Ammunition				
15	Small Arms Ammunition		26,297	U
16	Linear Charges, All Types	A	6,088	U
17	40 Mm, All Types	A	7,644	U
18	60mm, All Types	A	3,349	U
19	81mm, All Types	A		U
20	120mm, All Types	A	13,361	U
21	Ctg 25mm, All Types	A		U
22	Grenades, All Types	A	2,149	U
23	Rockets, All Types	A	27,465	U
24	Artillery, All Types	A		U
25	Demolition Munitions, All Types	A		U
26	Fuze, All Types	A	26,366	U
27	Non Lethals	B		U
28	Ammo Modernization	A	8,403	U
29	Items Less Than \$5 Million	A	5,201	U

Total Proc Ammo, MC			126,323	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line No	Item Nomenclature	Ident Code	FY 2012 (Base & OCO) Quantity Cost	FY 2013 Base Request with CR Adj* Quantity Cost	FY 2013 OCO Request with CR Adj* Quantity Cost	Emergency Disaster Relief Act of 2013 Quantity Cost	FY 2013 Total Request with CR Adj* Quantity Cost	S e c -
Budget Activity 20: Undistributed								

Undistributed								
30	Adj to Match Continuing Resolution	A	-----	-157,290	-----	-----	-157,290	U
Total Undistributed			-----	-157,290	-----	-----	-157,290	
Total Procurement of Ammo, Navy & MC			944,591	602,249	285,747		887,996	

P-1C: FY 2014 President's Budget (Published Version), as of February 28, 2013 at 15:33:23

* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of the Navy
FY 2014 President's Budget
Exhibit P-1 FY 2014 President's Budget
Total Obligational Authority
(Dollars in Thousands)

28 Feb 2013

Appropriation: 1508N Procurement of Ammo, Navy & MC

Line		Ident	FY 2014	S
No	Item Nomenclature	Code	Base	e
----	-----	-----	Quantity	Cost
----	-----	-----	-----	-----
Budget Activity 20: Undistributed				

Undistributed				
30	Adj to Match Continuing Resolution	A		U

Total Undistributed				

Total Procurement of Ammo, Navy & MC			589,267	

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

Appropriation 1508N: Procurement of Ammo, Navy & MC

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1	01	01	0145	General Purpose Bombs.....	Volume 1 - 1
2	01	01	0151	Airborne Rockets, All Types.....	Volume 1 - 19
3	01	01	0155	Machine Gun Ammunition.....	Volume 1 - 37
4	01	01	0160	Practice Bombs.....	Volume 1 - 49
5	01	01	0180	Cartridge Actuated Devices/Propellant Act Devices.....	Volume 1 - 59
6	01	01	0182	Air Expendable Countermeasures.....	Volume 1 - 69
7	01	01	0194	Jet Assisted Take Off (JATOs).....	Volume 1 - 87
8	01	01	0198	LRLAP 6 inch Long Range Attack Projectile.....	Volume 1 - 91
9	01	01	0250	5 Inch/54 Gun Ammunition.....	Volume 1 - 99
10	01	01	0266	Intermediate Caliber Gun Ammo.....	Volume 1 - 109
11	01	01	0270	Other Ship Gun Ammunition.....	Volume 1 - 117
12	01	01	0335	Small Arms & Lndg Party Ammo.....	Volume 1 - 133
13	01	01	0340	Pyrotechnic and Demolition.....	Volume 1 - 171
14	01	01	0400	Ammunition less than \$5 million.....	Volume 1 - 193

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Appropriation 1508N: Procurement of Ammo, Navy & MC

Line #	BA	BSA	Line Item Number	Line Item Title	Page
15	02	01	1000	Small Arms Ammunition.....	Volume 2 - 1
16	02	01	1030	Linear Charges, All Types.....	Volume 2 - 27
17	02	01	1050	40 MM, All Types.....	Volume 2 - 39
18	02	01	1083	60 MM, All Types.....	Volume 2 - 51
19	02	01	1091	81 MM, All Types.....	Volume 2 - 59
20	02	01	1121	120 MM, All Types.....	Volume 2 - 69
21	02	01	1388	CTG 25 MM, All Types.....	Volume 2 - 79
22	02	01	1468	Grenades, All Types.....	Volume 2 - 83
23	02	01	1471	Rockets, All Types.....	Volume 2 - 93
24	02	01	1473	Artillery, All Types.....	Volume 2 - 101
25	02	01	1500	Demolition Munitions, All Types.....	Volume 2 - 117
26	02	01	1625	Fuze, All Types.....	Volume 2 - 131
27	02	01	1628	Non Lethals.....	Volume 2 - 139
28	02	01	1630	Ammo Modernization.....	Volume 2 - 145
29	02	01	1660	Items less than \$5 million.....	Volume 2 - 149

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120 MM, All Types	1121	20	02	01.....	Volume 2 - 69
40 MM, All Types	1050	17	02	01.....	Volume 2 - 39
5 Inch/54 Gun Ammunition	0250	9	01	01.....	Volume 1 - 99
60 MM, All Types	1083	18	02	01.....	Volume 2 - 51
81 MM, All Types	1091	19	02	01.....	Volume 2 - 59
Air Expendable Countermeasures	0182	6	01	01.....	Volume 1 - 69
Airborne Rockets, All Types	0151	2	01	01.....	Volume 1 - 19
Ammo Modernization	1630	28	02	01.....	Volume 2 - 145
Ammunition less than \$5 million	0400	14	01	01.....	Volume 1 - 193
Artillery, All Types	1473	24	02	01.....	Volume 2 - 101
CTG 25 MM, All Types	1388	21	02	01.....	Volume 2 - 79
Cartridge Actuated Devices/Propellant Act Devices	0180	5	01	01.....	Volume 1 - 59
Demolition Munitions, All Types	1500	25	02	01.....	Volume 2 - 117
Fuze, All Types	1625	26	02	01.....	Volume 2 - 131
General Purpose Bombs	0145	1	01	01.....	Volume 1 - 1
Grenades, All Types	1468	22	02	01.....	Volume 2 - 83
Intermediate Caliber Gun Ammo	0266	10	01	01.....	Volume 1 - 109

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
Items less than \$5 million	1660	29	02	01.....	Volume 2 - 149
Jet Assisted Take Off (JATOs)	0194	7	01	01.....	Volume 1 - 87
LRLAP 6 inch Long Range Attack Projectile	0198	8	01	01.....	Volume 1 - 91
Linear Charges, All Types	1030	16	02	01.....	Volume 2 - 27
Machine Gun Ammunition	0155	3	01	01.....	Volume 1 - 37
Non Lethals	1628	27	02	01.....	Volume 2 - 139
Other Ship Gun Ammunition	0270	11	01	01.....	Volume 1 - 117
Practice Bombs	0160	4	01	01.....	Volume 1 - 49
Pyrotechnic and Demolition	0340	13	01	01.....	Volume 1 - 171
Rockets, All Types	1471	23	02	01.....	Volume 2 - 93
Small Arms & Lndg Party Ammo	0335	12	01	01.....	Volume 1 - 133
Small Arms Ammunition	1000	15	02	01.....	Volume 2 - 1

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

Appropriation 1508N: Procurement of Ammo, Navy & MC

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2	01	01	0151	Airborne Rockets, All Types.....	Volume 1 - 19
3	01	01	0155	Machine Gun Ammunition.....	Volume 1 - 37
4	01	01	0160	Practice Bombs.....	Volume 1 - 49
5	01	01	0180	Cartridge Actuated Devices/Propellant Act Devices.....	Volume 1 - 59
6	01	01	0182	Air Expendable Countermeasures.....	Volume 1 - 69
7	01	01	0194	Jet Assisted Take Off (JATOs).....	Volume 1 - 87
8	01	01	0198	LRLAP 6 inch Long Range Attack Projectile.....	Volume 1 - 91
9	01	01	0250	5 Inch/54 Gun Ammunition.....	Volume 1 - 99
10	01	01	0266	Intermediate Caliber Gun Ammo.....	Volume 1 - 109
11	01	01	0270	Other Ship Gun Ammunition.....	Volume 1 - 117
12	01	01	0335	Small Arms & Lndg Party Ammo.....	Volume 1 - 133
13	01	01	0340	Pyrotechnic and Demolition.....	Volume 1 - 171
14	01	01	0400	Ammunition less than \$5 million.....	Volume 1 - 193

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
5 Inch/54 Gun Ammunition	0250	9	01	01.....	Volume 1 - 99
Air Expendable Countermeasures	0182	6	01	01.....	Volume 1 - 69
Airborne Rockets, All Types	0151	2	01	01.....	Volume 1 - 19
Ammunition less than \$5 million	0400	14	01	01.....	Volume 1 - 193
Cartridge Actuated Devices/Propellant Act Devices	0180	5	01	01.....	Volume 1 - 59
General Purpose Bombs	0145	1	01	01.....	Volume 1 - 1
Intermediate Caliber Gun Ammo	0266	10	01	01.....	Volume 1 - 109
Jet Assisted Take Off (JATOs)	0194	7	01	01.....	Volume 1 - 87
LRLAP 6 inch Long Range Attack Projectile	0198	8	01	01.....	Volume 1 - 91
Machine Gun Ammunition	0155	3	01	01.....	Volume 1 - 37
Other Ship Gun Ammunition	0270	11	01	01.....	Volume 1 - 117
Practice Bombs	0160	4	01	01.....	Volume 1 - 49
Pyrotechnic and Demolition	0340	13	01	01.....	Volume 1 - 171
Small Arms & Lndg Party Ammo	0335	12	01	01.....	Volume 1 - 133

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Navy • President's Budget Submission FY 2014 • Procurement
Master Exhibit P-1
(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC
BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
1	A	0145	General Purpose Bombs	-	63.666	-	45.024	-	37.703	-	0.000	-	37.703
2	A	0151	Airborne Rockets, All Types	-	103.464	-	136.775	-	65.411	-	0.000	-	65.411
3	A	0155	Machine Gun Ammunition	-	40.188	-	42.766	-	20.284	-	0.000	-	20.284
4	A	0160	Practice Bombs	-	35.289	-	34.319	-	37.870	-	0.000	-	37.870
5	A	0180	Cartridge Actuated Devices/Propellant Act Devices	-	46.716	-	53.755	-	53.764	-	0.000	-	53.764
6	A	0182	Air Expendable Countermeasures	-	80.677	-	81.996	-	67.194	-	0.000	-	67.194
7	A	0194	Jet Assisted Take Off (JATOs)	-	2.766	-	2.776	-	2.749	-	0.000	-	2.749
8	A	0198	LRLAP 6 inch Long Range Attack Projectile	-	0.000	-	7.102	-	3.906	-	0.000	-	3.906
9	A	0250	5 Inch/54 Gun Ammunition	-	10.901	-	48.320	-	24.151	-	0.000	-	24.151
10	A	0266	Intermediate Caliber Gun Ammo	-	1.112	-	25.544	-	33.080	-	0.000	-	33.080
11	A	0270	Other Ship Gun Ammunition	-	19.200	-	42.156	-	40.398	-	0.000	-	40.398

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Navy • President's Budget Submission FY 2014 • Procurement

Master Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC

BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
12	A	0335	Small Arms & Lndg Party Ammo	-	56.349	-	68.536	-	61.219	-	0.000	-	61.219
13	A	0340	Pyrotechnic and Demolition	-	11.870	-	13.498	-	10.637	-	0.000	-	10.637
14	A	0400	Ammunition less than \$5 million	-	10.107	-	10.424	-	4.578	-	0.000	-	4.578
Total: Proc Ammo, Navy / Navy Ammunition				-	482.305	-	612.991	-	462.944	-	0.000	-	462.944

Appropriation 1508N: Procurement of Ammo, Navy & MC

BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
15	A	1000	Small Arms Ammunition	-	73.612	-	94.681	-	26.297	-	0.000	-	26.297
16	A	1030	Linear Charges, All Types	-	29.182	-	34.585	-	6.088	-	0.000	-	6.088

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Master Exhibit P-1

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Navy • President's Budget Submission FY 2014 • Procurement

Master Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC
BA 02: Proc Ammo, MC / BSA 1: Marine Corps Ammunition

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
17	A	1050	40 MM, All Types	-	102.020	-	22.164	-	7.644	-	0.000	-	7.644
18	A	1083	60 MM, All Types	-	10.920	-	0.000	-	3.349	-	0.000	-	3.349
19	A	1091	81 MM, All Types	-	34.092	-	13.711	-	0.000	-	0.000	-	0.000
20	A	1121	120 MM, All Types	-	20.538	-	24.162	-	13.361	-	0.000	-	13.361
21	A	1388	CTG 25 MM, All Types	-	3.889	-	2.831	-	0.000	-	0.000	-	0.000
22	A	1468	Grenades, All Types	-	19.363	-	9.993	-	2.149	-	0.000	-	2.149
23	A	1471	Rockets, All Types	-	29.634	-	30.579	-	27.465	-	0.000	-	27.465
24	A	1473	Artillery, All Types	-	79.750	-	147.951	-	0.000	-	0.000	-	0.000
25	A	1500	Demolition Munitions, All Types	-	25.786	-	3.438	-	0.000	-	0.000	-	0.000
26	A	1625	Fuze, All Types	-	14.443	-	36.242	-	26.366	-	0.000	-	26.366
27	A	1628	Non Lethals	-	3.639	-	1.370	-	0.000	-	0.000	-	0.000
28	A	1630	Ammo Modernization	-	9.287	-	4.566	-	8.403	-	0.000	-	8.403
29	A	1660	Items less than \$5 million	-	6.131	-	6.022	-	5.201	-	0.000	-	5.201
Total: Proc Ammo, MC / Marine Corps Ammunition				-	462.286	-	432.295	-	126.323	-	0.000	-	126.323

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Navy • President's Budget Submission FY 2014 • Procurement

Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC

BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
1	A	0145	General Purpose Bombs	-	63.666	-	45.024	-	37.703	-	0.000	-	37.703
2	A	0151	Airborne Rockets, All Types	-	103.464	-	136.775	-	65.411	-	0.000	-	65.411
3	A	0155	Machine Gun Ammunition	-	40.188	-	42.766	-	20.284	-	0.000	-	20.284
4	A	0160	Practice Bombs	-	35.289	-	34.319	-	37.870	-	0.000	-	37.870
5	A	0180	Cartridge Actuated Devices/Propellant Act Devices	-	46.716	-	53.755	-	53.764	-	0.000	-	53.764
6	A	0182	Air Expendable Countermeasures	-	80.677	-	81.996	-	67.194	-	0.000	-	67.194
7	A	0194	Jet Assisted Take Off (JATOs)	-	2.766	-	2.776	-	2.749	-	0.000	-	2.749
8	A	0198	LRLAP 6 inch Long Range Attack Projectile	-	0.000	-	7.102	-	3.906	-	0.000	-	3.906
9	A	0250	5 Inch/54 Gun Ammunition	-	10.901	-	48.320	-	24.151	-	0.000	-	24.151
10	A	0266	Intermediate Caliber Gun Ammo	-	1.112	-	25.544	-	33.080	-	0.000	-	33.080
11	A	0270	Other Ship Gun Ammunition	-	19.200	-	42.156	-	40.398	-	0.000	-	40.398

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Navy • President's Budget Submission FY 2014 • Procurement

Exhibit P-1

(Listing by Appropriation, then Line Number)

Appropriation 1508N: Procurement of Ammo, Navy & MC

BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
12	A	0335	Small Arms & Lndg Party Ammo	-	56.349	-	68.536	-	61.219	-	0.000	-	61.219
13	A	0340	Pyrotechnic and Demolition	-	11.870	-	13.498	-	10.637	-	0.000	-	10.637
14	A	0400	Ammunition less than \$5 million	-	10.107	-	10.424	-	4.578	-	0.000	-	4.578
Total: Proc Ammo, Navy / Navy Ammunition				-	482.305	-	612.991	-	462.944	-	0.000	-	462.944

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

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 Nomenclature: 0145 - General Purpose Bombs
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	1,862.813	63.666	45.024	37.703	-	37.703	123.384	148.251	126.434	128.686	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	1,862.813	63.666	45.024	37.703	-	37.703	123.384	148.251	126.434	128.686	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	1,862.813	63.666	45.024	37.703	-	37.703	123.384	148.251	126.434	128.686	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>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

BLU-109 : The procurement of the BLU-109 is to maintain war reserve posture. 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.

BLU-110: The procurement is for expenditure replacement and to maintain war reserve. The BLU-110A/B 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.

BLU-111: The procurement is for expenditure replacement and to maintain war reserve. The BLU-111A/B is a 500 lb General Purpose Thermally Protected Bomb that is loaded with plastic bonded explosive (PBXN-109) to enhance its insensitive munitions performance.

FUZES: Provide Warhead initiation for LGBs (Laser Guided Bombs), DMLGBs (Dual Mode Laser Guided Bombs), JDAM (Joint Direct Attack Munitions), LJDAM (Laser Joint Direct Attack Munitions), General Purpose Bombs and BLU-109 Penetrator.

Direct Attack Moving Target Capability (DAMTC): The intent of this procurement is to address a capability requirement for DON fixed wing aircraft. This acquisition will ensure Navy and Marine Corps fixed wing aircraft have direct attack moving target capability. DAMTC will introduce the Adjustable Proximity Sensor (APS) capability in FY13, which provides a selectable weapon detonation altitude which enables a wider area coverage for weapon effect on target. (formerly known as Height of Burst Sensor (HOBSS))

Extended Range Kit: Provides extended range standoff capability to address an identified capability requirement to precision guided weapons.

Guided Bomb 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.

Bomb Subcomponents: The Bomb Subcomponents cost element procures Arming Wires, adapters, lugs, nose plugs and other compents required for All Up Round (AUR) configurations.

Product Improvement Program (PIP): The PIP cost element funds efforts to support production and engineering services, manufacturing and installation to extend the useful military life of an item or to improve the item within the current performance envelope. Such improvements take advantage of technology insertion opportunities, improved design and other technical advances. The addition of these modifications provide improved safety, reduce environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies of general purpose bombs, bomb components, guidance kit components, fuze systems and sensors. The PIP also funds the incorporation of engineering design changes to address manufacturing, production and obsolescence issues to modify and improve weapon system reliability.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
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 Nomenclature: 0145 - General Purpose Bombs									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s): Laser Guided Bomb Computer Control Groups(CCG): The Laser Guided Bomb CCG provides the capability for a general purpose bomb to become a precision guided weapon. The LGB consists of CCG and Air Foil Group which is the fin stablizer.																					

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
GP Bomb	P40A, P5A, P21				1,862.813			63.666			45.024			37.703			-			37.703
Total Gross/Weapon System Cost					1,862.813			63.666			45.024			37.703			-			37.703

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

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

Justification:
FY12 provides funding to procure BLU-111, BLU-109, Direct Attack Moving Target Capability, Bomb Subcomponents and associated support.
FY13 provides funding to procure Direct Attack Moving Target Capability, Bomb Subcomponents and associated support.
FY13 includes \$18M of OCO funding to procure FMU-139 fuze (7,200 units).
FY14 provides funding to procure BLU-111, BLU-110, BLU-109, Bomb Subcomponents, Guided Bomb Tailkits, Hard Target Void Sensing Fuze and associated support.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
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 Nomenclature: 0145 - General Purpose Bombs							Aggregated Item Name: GP Bomb					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) Hardware-GP BOMBS (1)																					
† 1.1) Q2191 BLU-111	A		4,590.04	7,530	34.563	5,647.68	720	4.066	-	-	-	6,573.26	100	0.657	-	-	-	6,573.26	100	0.657	
† 1.2) Q2192 BLU-110	A		11,488.55	131	1.505	-	-	-	-	-	-	11,126.13	111	1.235	-	-	-	11,126.13	111	1.235	
† 1.3) Q2199 BLU-109	A		26,701.79	446	11.909	32,746.21	264	8.645	-	-	-	33,990.82	236	8.022	-	-	-	33,990.82	236	8.022	
† 1.4) Q2199 BLU-109 Second Contract OCO	A		23,815.79	304	7.240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1.5) Q2197 Bombs Subcomponents	A		-	-	0.678	-	-	1.226	-	-	1.030	-	-	1.232	-	-	-	-	-	1.232	
Subtotal 1) Hardware-GP BOMBS					55.895			13.937			1.030			11.146			-			11.146	
2) Hardware-GUIDED BOMBS																					
† 2.1) Q2200 Direct Attack Moving Target Capability	A		11,390.00	700	7.973	10,687.14	3,500	37.405	14,397.10	1,069	15.390	-	-	-	-	-	-	-	-	-	
2.2) Q2185 Extended Range Kit	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.3) Q2181 Laser Guided Bombs CCG (Raytheon)	A		10,000.00	1,296	12.960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.4) Q2181 Laser Guided Bombs CCG (Lockheed)	A		-	-	19.440	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 2.5) Q2186 Guided Bombs Tailkits	A		-	-	-	-	-	-	-	-	-	24,000.00	728	17.478	-	-	-	24,000.00	728	17.478	
Subtotal 2) Hardware- GUIDED BOMBS					40.373			37.405			15.390			17.478			-			17.478	
3) Hardware-Fuzes (2)																					
† 3.1) Q2196 FMU-143	A		2,534.79	3,205	8.124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 3.2) Q2032 FMU-139 Electrical Fuze	A		800.67	27,652	22.140	-	-	-	2,500.00	7,200	18.000	-	-	-	-	-	-	-	-	-	
† 3.3) Q2210 Hard Target Void Sensing Fuze	A		-	-	-	-	-	-	-	-	-	40,000.00	50	2.000	-	-	-	40,000.00	50	2.000	
Subtotal 3) Hardware-Fuzes					30.264			-			18.000			2.000			-			2.000	
4) Integrated Logistics Support (3)																					
4.1) Q2800 GP Bombs	A		-	-	0.828	-	-	0.338	-	-	0.222	-	-	0.226	-	-	-	-	-	0.226	
4.2) Q2800 Guided Bombs	A		-	-	0.580	-	-	0.746	-	-	0.216	-	-	0.220	-	-	-	-	-	0.220	
4.3) Q2800 Fuzes	A		-	-	0.414	-	-	-	-	-	0.212	-	-	0.231	-	-	-	-	-	0.231	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0145 - General Purpose Bombs							Aggregated Item Name: GP Bomb						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 4) Integrated Logistics Support					1.822			1.084			0.650			0.677			-			0.677
5) Production Engineering (4)																				
5.1) Q2830 GP Bombs	A		-	-	10.544	-	-	4.255	-	-	0.778	-	-	1.300	-	-	-	-	-	1.300
5.2) Q2830 Guided Bombs	A		-	-	10.390	-	-	5.853	-	-	5.494	-	-	1.900	-	-	-	-	-	1.900
5.3) Q2830 Fuzes	A		-	-	7.843	-	-	-	-	-	2.431	-	-	2.034	-	-	-	-	-	2.034
Subtotal 5) Production Engineering					28.777			10.108			8.703			5.234			-			5.234
6) Acceptance Testing-GUIDED BOMBS																				
6.1) Q2830 DAMTC Production Acceptance Test & Evaluation	A		-	-	21.210	-	-	0.500	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) Acceptance Testing-GUIDED BOMBS					21.210			0.500			-			-			-			-
7) Miscellaneous Support																				
7.1) Q2850 Product Improvement Program (PIP) (5)	A		-	-	10.790	-	-	-	-	-	0.592	-	-	0.490	-	-	-	-	-	0.490
7.2) Q2892 Non-Standard Items	A		-	-	0.412	-	-	0.212	-	-	0.223	-	-	0.229	-	-	-	-	-	0.229
7.3) Q2893 Renovation Components	A		-	-	0.406	-	-	0.208	-	-	0.212	-	-	0.218	-	-	-	-	-	0.218
7.4) Q2894 Gaging	A		-	-	0.414	-	-	0.212	-	-	0.224	-	-	0.231	-	-	-	-	-	0.231
7.5) Years prior to FY10	A		-	-	1,672.450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) Miscellaneous Support					1,684.472			0.632			1.251			1.168			-			1.168
Total					1,862.813			63.666			45.024			37.703			-			37.703
Footnotes:																				
(1) FY14 unit cost was updated for BLU-111, BLU-110, and BLU-109 based on Joint Munitions Command estimated pricing. The BLU-111, BLU-110, BLU-109 bombs are procured through the Single Manager for Conventional Ammunition process and contracted through the Joint Munitions Command. The 36 months production is a multi-phase approach which begins with the bombs being forged at General Dynamics Ordnance Tactical Systems and then shipped to the McAlester Army Ammunition Plant to be filled and packaged for shipment.																				
(2) FY11 Q2192 BLU-110 procurement was decreased to meet an increase in NNOR requirements for FMU-143. The FY13 OCO unit cost for Q2032 FMU-139 Electrical Fuze will be updated for actuals during execution year.																				
(3) FY12 Guided Bombs ILS increased to address emergent lens configuration modifications requirements.																				
(4) FY12 Guided Bombs PES increased to address emergent lens configuration modifications requirements. Q2830 Guided Bombs PES support decreases from FY13 to FY14 due to the completion of the Operational Test & Evaluation and the program entering into full rate production.																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0145 - General Purpose Bombs	Aggregated Item Name: GP Bomb
(5) FY12 Funding for Q2850, Product Improvement Program (PIP) was re-aligned to address an increase of (ILS) and (PES) support for Guided Bombs emergent requirements for The Direct Attack Moving Target Capability (DAMTC) program.		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0145 - General Purpose Bombs						Aggregated Item Name: GP Bomb			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Hardware-GP BOMBS												
†1.1) Q2191 BLU-111		2010	General Dynamics / Garland, TX/MCAAP	C / FP	JMC Rock Island, IL	Jul 2010	Jul 2013	5,526	4,438.00	Y		Oct 2009
†1.1) Q2191 BLU-111		2011	General Dynamics / Garland, TX/MCAAP	C / FP	JMC Rock Island, IL	Aug 2011	Aug 2014	2,004	5,010.48	Y		Jan 2011
†1.1) Q2191 BLU-111		2012	General Dynamics / Garland, TX/MCAAP	C / FP	JMC Rock Island, IL	Aug 2012	Aug 2015	720	5,647.68	Y		Jan 2012
†1.1) Q2191 BLU-111		2014 ⁽⁶⁾	General Dynamics / Garland, TX/MCAAP	C / FP	JMC Rock Island, IL	Aug 2014	Aug 2017	100	6,573.26	Y		Jan 2013
†1.2) Q2192 BLU-110		2011	General Dynamics / Garland TX/MCAAP	C / FP	JMC Rock Island, IL	Aug 2012	Aug 2015	131	11,458.02	Y		Jan 2011
†1.2) Q2192 BLU-110		2014	General Dynamics / Garland TX/MCAAP	C / FP	JMC Rock Island, IL	Aug 2014	Aug 2017	111	11,126.13	Y		Feb 2013
†1.3) Q2199 BLU-109		2010	National Forge / Irving, PA/ MCAPP	C / FP	JMC Rock Island, IL	Sep 2010	Sep 2013	446	26,701.79	Y		Dec 2008
†1.3) Q2199 BLU-109		2012	National Forge / Irving, PA/ MCAPP	C / FP	JMC Rock Island, IL	May 2012	May 2015	264	32,746.21	Y		Dec 2008
†1.3) Q2199 BLU-109		2014	National Forge / Irving, PA/ MCAPP	C / FP	JMC Rock Island, IL	May 2014	May 2017	236	33,990.82	Y		Dec 2013
†1.4) Q2199 BLU-109 Second Contract OCO	✓	2009 ⁽⁷⁾	National Forge / Irving, PA/MCAPP	C / FP	JMC Rock Island, IL	Jul 2011	Jul 2014	304	23,816.00	Y		Jan 2011
2) Hardware-GUIDED BOMBS												
†2.1) Q2200 Direct Attack Moving Target Capability		2012 ⁽⁸⁾	The Boeing Company / St. Charles, MO	C / FP	NAVAIR, Pax River, MD	Feb 2012	Feb 2013	3,500	10,687.14	Y		Oct 2008
†2.1) Q2200 Direct Attack Moving Target Capability		2013	The Boeing Company / St. Charles, MO	C / FP	NAVAIR, Pax River, MD	Feb 2013	Feb 2014	1,069	14,397.10	Y		Oct 2008
†2.5) Q2186 Guided Bombs Tailkits		2014	The Boeing Company / St. Charles, MO	C / FP	Hill AFB, UT	Mar 2014	Mar 2015	728	24,000.00	Y		Jan 2012
3) Hardware-Fuzes												
†3.1) Q2196 FMU-143		2011	ATK Tactical Systems / JMC Rock Island, IL	C / FP	JMC Rock Island, IL	Feb 2012	Feb 2015	3,205	2,534.79	Y		Feb 2011
†3.2) Q2032 FMU-139 Electrical Fuze		2006 ⁽⁹⁾	ATK Tactical Systems / Keyser, WV	SS / FP	NAVAIR, Pax River, MD	May 2008	Mar 2013	7,034	873.00	Y		May 2006
†3.2) Q2032 FMU-139 Electrical Fuze		2009 ⁽¹⁰⁾	ATK Tactical Systems / Keyser, WV	SS / FP	NAVAIR, Pax River, MD	Sep 2011	Sep 2013	11,454	1,827.05	Y		Jan 2009
†3.2) Q2032 FMU-139 Electrical Fuze	✓	2013	ATK Tactical Systems / Keyser, WV	SS / FP	NAVAIR, Pax River, MD	Apr 2013	Apr 2015	7,200	2,500.00	Y		Jan 2012

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy										Date: April 2013		
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 Nomenclature: 0145 - General Purpose Bombs					Aggregated Item Name: GP Bomb			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†3.3) Q2210 Hard Target Void Sensing Fuze		2014 ⁽¹¹⁾	ATK Tactical Systems / Keyser, WV	C / FFP	Eglin AFB, FL	May 2014	May 2015	50	40,000.00	Y		Nov 2012

Footnotes:

- ⁽⁶⁾ Production lead times for the BLU-111, BLU110, and BLU-109's have been extended to 36 months due to the incorporation of Insensitive Munitions (IM) configuration requirements and fluctuations in delivery schedules due to Multi-Service requirements.
- ⁽⁷⁾ Initial OCO funded allocation was intended to procure BSU-86's and BLU-109's. The OCO submission has been revised based on program requirement to procure solely BLU-109's.
- ⁽⁸⁾ Contract deliveries begin 12 months after contract award. No break in production.
- ⁽⁹⁾ Delivery schedule delays incurred due to Lot Acceptance Test failures.
- ⁽¹⁰⁾ This entry was inadvertently left off of previously submitted P5As.
- ⁽¹¹⁾ Production characteristics for HTVSF not finalized. Price estimate provided.

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Exhibit P-21, Budget Production Schedule: PB 2013 Navy																										Date: April 2013									
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 Nomenclature: 0145 - General Purpose Bombs																Aggregated Item Name: GP Bomb									
Items (Units in Each)							Fiscal Year 2008														Fiscal Year 2009														
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2007	BAL DUE AS OF 1 OCT	Calendar Year 2008														Calendar Year 2009														B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1) Hardware-GP BOMBS																																			
1.1) Q2191 BLU-111																																			
	1	2010	NAVY	5,526	-	5,526	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,526			
	1	2011	NAVY	2,004	-	2,004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,004			
	1	2012	NAVY	720	-	720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	720			
	1	2014	NAVY	100	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100			
1.2) Q2192 BLU-110																																			
	2	2011	NAVY	131	-	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131			
	2	2014	NAVY	111	-	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111			
1.3) Q2199 BLU-109																																			
	3	2010	NAVY	446	-	446	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	446			
	3	2012	NAVY	264	-	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264			
	3	2014	NAVY	236	-	236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	236			
1.4) Q2199 BLU-109 Second Contract OCO																																			
✓	4	2009	NAVY	304	-	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	304			
2) Hardware-GUIDED BOMBS																																			
2.1) Q2200 Direct Attack Moving Target Capability																																			
All Prior Years Deliveries: 700																																			
	5	2012	NAVY	3,500 (12)	-	3,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,500			
	5	2013	NAVY	1,069	-	1,069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,069			
2.5) Q2186 Guided Bombs Tailkits																																			
	6	2014	NAVY	728	-	728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	728			
3) Hardware-Fuzes																																			
3.1) Q2196 FMU-143																																			
	7	2011	NAVY	3,205	-	3,205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,205			
3.2) Q2032 FMU-139 Electrical Fuze																																			
All Prior Years Deliveries: 9164																																			
	8	2006	NAVY	7,034	-	7,034	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,034			
	8	2009	NAVY	11,454	-	11,454	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11,454			
✓	8	2013	NAVY	7,200	-	7,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,200			
3.3) Q2210 Hard Target Void Sensing Fuze																																			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																			Date: April 2013														
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 Nomenclature: 0145 - General Purpose Bombs													Aggregated Item Name: GP Bomb													
Items (Units in Each)							Fiscal Year 2008													Fiscal Year 2009													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2007	BAL DUE AS OF 1 OCT	Calendar Year 2008													Calendar Year 2009													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	2014	NAVY	50	-	50	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013												
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 Nomenclature: 0145 - General Purpose Bombs													Aggregated Item Name: GP Bomb												
Items (Units in Each)							Fiscal Year 2010													Fiscal Year 2011															
O C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010																		Calendar Year 2011										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1) Hardware-GP BOMBS																																			
1.1) Q2191 BLU-111																																			
	1	2010	NAVY	5,526	-	5,526	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,526		
	1	2011	NAVY	2,004	-	2,004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	2,004		
	1	2012	NAVY	720	-	720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	720		
	1	2014	NAVY	100	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100		
1.2) Q2192 BLU-110																																			
	2	2011	NAVY	131	-	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131		
	2	2014	NAVY	111	-	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111		
1.3) Q2199 BLU-109																																			
	3	2010	NAVY	446	-	446	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	446		
	3	2012	NAVY	264	-	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264		
	3	2014	NAVY	236	-	236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	236		
1.4) Q2199 BLU-109 Second Contract OCO																																			
✓	4	2009	NAVY	304	-	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	304		
2) Hardware-GUIDED BOMBS																																			
2.1) Q2200 Direct Attack Moving Target Capability																																			
All Prior Years Deliveries: 700																																			
	5	2012	NAVY	3,500 (12)	-	3,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,500		
	5	2013	NAVY	1,069	-	1,069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,069		
2.5) Q2186 Guided Bombs Tailkits																																			
	6	2014	NAVY	728	-	728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	728		
3) Hardware-Fuzes																																			
3.1) Q2196 FMU-143																																			
	7	2011	NAVY	3,205	-	3,205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,205		
3.2) Q2032 FMU-139 Electrical Fuze																																			
All Prior Years Deliveries: 9164																																			
	8	2006	NAVY	7,034	-	7,034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,034		
	8	2009	NAVY	11,454	-	11,454	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	11,454		
✓	8	2013	NAVY	7,200	-	7,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,200		
3.3) Q2210 Hard Target Void Sensing Fuze																																			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																			Date: April 2013														
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 Nomenclature: 0145 - General Purpose Bombs													Aggregated Item Name: GP Bomb													
Items (Units in Each)							Fiscal Year 2010										Fiscal Year 2011																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010													Calendar Year 2011													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
	9	2014	NAVY	50	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013													
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 Nomenclature: 0145 - General Purpose Bombs											Aggregated Item Name: GP Bomb													
Items (Units in Each)							Fiscal Year 2012												Fiscal Year 2013																	
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																Calendar Year 2013												B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
1) Hardware-GP BOMBS																																				
1.1) Q2191 BLU-111																																				
	1	2010	NAVY	5,526	-	5,526	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,592	2,934		-			
	1	2011	NAVY	2,004	-	2,004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,004			
	1	2012	NAVY	720	-	720	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	720			
	1	2014	NAVY	100	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100			
1.2) Q2192 BLU-110																																				
	2	2011	NAVY	131	-	131	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131			
	2	2014	NAVY	111	-	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111			
1.3) Q2199 BLU-109																																				
	3	2010	NAVY	446	-	446	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	446	-			
	3	2012	NAVY	264	-	264	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264			
	3	2014	NAVY	236	-	236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	236			
1.4) Q2199 BLU-109 Second Contract OCO																																				
✓	4	2009	NAVY	304	-	304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	304			
2) Hardware-GUIDED BOMBS																																				
2.1) Q2200 Direct Attack Moving Target Capability																																				
All Prior Years Deliveries: 700																																				
	5	2012	NAVY	3,500 (12)	-	3,500	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	319	319	319	319	319	319	319	319	319	948			
	5	2013	NAVY	1,069	-	1,069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	1,069			
2.5) Q2186 Guided Bombs Tailkits																																				
	6	2014	NAVY	728	-	728	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	728			
3) Hardware-Fuzes																																				
3.1) Q2196 FMU-143																																				
	7	2011	NAVY	3,205	-	3,205	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,205			
3.2) Q2032 FMU-139 Electrical Fuze																																				
All Prior Years Deliveries: 9164																																				
	8	2006	NAVY	7,034	-	7,034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,878	-	2,566	2,590					-				
	8	2009	NAVY	11,454	-	11,454	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,695	9,759				
✓	8	2013	NAVY	7,200	-	7,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	7,200			
3.3) Q2210 Hard Target Void Sensing Fuze																																				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																			Date: April 2013												
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 Nomenclature: 0145 - General Purpose Bombs													Aggregated Item Name: GP Bomb											
Items <i>(Units in Each)</i>							Fiscal Year 2012										Fiscal Year 2013														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012													Calendar Year 2013										B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P
	9	2014	NAVY	50	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013																
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 Nomenclature: 0145 - General Purpose Bombs										Aggregated Item Name: GP Bomb																
Items (Units in Each)							Fiscal Year 2014										Fiscal Year 2015																			
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014																			Calendar Year 2015										
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					
1) Hardware-GP BOMBS																																				
1.1) Q2191 BLU-111																																				
	1	2010	NAVY	5,526	5,526	-																										-				
	1	2011	NAVY	2,004	-	2,004	-	-	-	-	-	-	-	-	-	-	1,002	1,002														-				
	1	2012	NAVY	720	-	720	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	720		-				
	1	2014	NAVY	100	-	100	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100				
1.2) Q2192 BLU-110																																				
	2	2011	NAVY	131	-	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	131		-				
	2	2014	NAVY	111	-	111	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111				
1.3) Q2199 BLU-109																																				
	3	2010	NAVY	446	446	-																										-				
	3	2012	NAVY	264	-	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	264			-				
	3	2014	NAVY	236	-	236	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	236				
1.4) Q2199 BLU-109 Second Contract OCO																																				
✓	4	2009	NAVY	304	-	304	-	-	-	-	-	-	-	-	-	-	304															-				
2) Hardware-GUIDED BOMBS																																				
2.1) Q2200 Direct Attack Moving Target Capability																																				
All Prior Years Deliveries: 700																																				
	5	2012	NAVY	3,500 (12)	2,552	948	318	318	312																							-				
	5	2013	NAVY	1,069	-	1,069	-	-	-	-	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	90				-				
2.5) Q2186 Guided Bombs Tailkits																																				
	6	2014	NAVY	728	-	728	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	728				-				
3) Hardware-Fuzes																																				
3.1) Q2196 FMU-143																																				
	7	2011	NAVY	3,205	-	3,205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,205					-				
3.2) Q2032 FMU-139 Electrical Fuze																																				
All Prior Years Deliveries: 9164																																				
	8	2006	NAVY	7,034	7,034	-																										-				
	8	2009	NAVY	11,454	1,695	9,759	1,753	1,793	2,685	1,794	1,734																					-				
✓	8	2013	NAVY	7,200	-	7,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,400	2,400	2,400		-			
3.3) Q2210 Hard Target Void Sensing Fuze																																				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																			Date: April 2013																
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 Nomenclature: 0145 - General Purpose Bombs														Aggregated Item Name: GP Bomb														
Items (Units in Each)							Fiscal Year 2014														Fiscal Year 2015														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014														Calendar Year 2015														B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
	9	2014	NAVY	50	-	50	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	50					-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013														
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 Nomenclature: 0145 - General Purpose Bombs													Aggregated Item Name: GP Bomb														
Items (Units in Each)							Fiscal Year 2016													Fiscal Year 2017																	
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016																		Calendar Year 2017												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						
1) Hardware-GP BOMBS																																					
1.1) Q2191 BLU-111																																					
	1	2010	NAVY	5,526	5,526	-																								-							
	1	2011	NAVY	2,004	2,004	-																								-							
	1	2012	NAVY	720	720	-																								-							
	1	2014	NAVY	100	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	-							
1.2) Q2192 BLU-110																																					
	2	2011	NAVY	131	131	-																								-							
	2	2014	NAVY	111	-	111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	111	-							
1.3) Q2199 BLU-109																																					
	3	2010	NAVY	446	446	-																								-							
	3	2012	NAVY	264	264	-																								-							
	3	2014	NAVY	236	-	236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	236	-								
1.4) Q2199 BLU-109 Second Contract OCO																																					
✓	4	2009	NAVY	304	304	-																								-							
2) Hardware-GUIDED BOMBS																																					
2.1) Q2200 Direct Attack Moving Target Capability																																					
All Prior Years Deliveries: 700																																					
	5	2012	NAVY	3,500 (12)	3,500	-																								-							
	5	2013	NAVY	1,069	1,069	-																								-							
2.5) Q2186 Guided Bombs Tailkits																																					
	6	2014	NAVY	728	728	-																								-							
3) Hardware-Fuzes																																					
3.1) Q2196 FMU-143																																					
	7	2011	NAVY	3,205	3,205	-																								-							
3.2) Q2032 FMU-139 Electrical Fuze																																					
All Prior Years Deliveries: 9164																																					
	8	2006	NAVY	7,034	7,034	-																								-							
	8	2009	NAVY	11,454	11,454	-																								-							
✓	8	2013	NAVY	7,200	7,200	-																								-							
3.3) Q2210 Hard Target Void Sensing Fuze																																					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																	Date: April 2013																
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 Nomenclature: 0145 - General Purpose Bombs																	Aggregated Item Name: GP Bomb									
Items (Units in Each)							Fiscal Year 2016													Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016													Calendar Year 2017													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
	9	2014	NAVY	50	50	-																										-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0145 - General Purpose Bombs	Aggregated Item Name: GP Bomb

MFR #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	General Dynamics - Garland, TX/MCAAP	23,000.00	38,544.00	100,200.00	-	8	24	32	-	11	36	47
2	General Dynamics - Garland TX/MCAAP	13,000.00	21,300.00	55,300.00	-	9	23	32	-	11	36	47
3	National Forge - Irving, PA/MCAPP	1,440.00	2,232.00	6,120.00	-	12	24	36	-	8	36	44
4	National Forge - Irving, PA/MCAPP	1,344.00	1,440.00	5,004.00	-	-	-	-	-	10	36	46
5	The Boeing Company - St. Charles, MO	1,200.00	4,800.00	5,760.00	-	5	29	34	-	5	12	17
6	The Boeing Company - St. Charles, MO	4,000.00	10,000.00	36,000.00	-	6	12	18	-	-	12	12
7	ATK Tactical Systems - JMC Rock Island, IL	6,000.00	10,000.00	20,000.00	-	-	-	-	-	5	36	41
8	ATK Tactical Systems - Keyser, WV	12,000.00	24,000.00	74,000.00	-	8	24	32	-	6	24	30
9	ATK Tactical Systems - Keyser, WV	166.00	773.00	992.00	-	8	12	20	-	-	-	-

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

Footnotes:

⁽¹²⁾ Contract deliveries begin 12 months after contract award. No break in production.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
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 Nomenclature: 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:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	455.267	103.464	136.775	65.411	-	65.411	73.230	84.111	62.172	63.424	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	455.267	103.464	136.775	65.411	-	65.411	73.230	84.111	62.172	63.424	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	455.267	103.464	136.775	65.411	-	65.411	73.230	84.111	62.172	63.424	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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 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. 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.

The miscellaneous items (Q5871) provide for procurement of various rocket components not to exceed a total cost of 500K per year per component.

Product improvements address deficiencies in the safety, reliability, producibility and address the aircraft interface issues of the production of Airborne Rocket Systems. Specific projects include reliability improvements, insensitive munitions improvements to the rocket motors, safety improvements to warheads, and improving the interface between the rocket launcher and the host platform.

ADVANCED PRECISION KILL WEAPON SYSTEM (APKWS): APKWS was an Army 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 MS 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.

The 2.75-inch M282 Multi Purpose Penetrator (MPP) warhead will provide USMC aircrew and ground commanders greatly enhanced weaponeering 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.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
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 Nomenclature: 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:									
MDAP/MAIS Code(s): The MK152 10lb warheads with the MK435 fuzes is 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 APKWS II. Funding for the 2.75 Inch Rocket Launchers include the LAU-61 G/A Digital Rocket Launcher (DRL) and LAU-68 F/A.																			

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Airborne Rockets, All Types	P40A, P5A, P21				455.267			103.464			136.775			65.411			-			65.411
Total Gross/Weapon System Cost					455.267			103.464			136.775			65.411			-			65.411

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

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

Justification:

FY12 Baseline funding will be used to procure: MK 66 (Mod 4) Rocket Motors, WTU-1/B Inert Warheads, MK-149 Warheads, M282 (MPP) Warheads, MK152 Warheads, and APKWS II Guidance and Control (G&C) Sections. FY12 Baseline funding will also fund Production Engineering Support (PES) and Integrated Logistics Support (ILS) for the procured items.

FY13 Baseline funding will be used to procure: MK 66 (Mod 4) Rocket Motors, WTU-1/B Inert Warheads, MK-149 Warheads, M282 (MPP) Warheads, MK152 Warheads, APKWS II Guidance and Control (G&C) Sections, MK-71 Rocket Motors, Smokey Sams, MK-66 (Mod 6) Rocket Motors, MK-146 HE Warheads, WTU-11/B Inert Warheads, LAU-68 F/A Rocket Launchers, and required Containers. FY13 Baseline funding will also fund Production Engineering Support (PES) and Integrated Logistics Support (ILS) for the procured items.

FY14 Baseline funding will be used to procure: MK 66 (Mod 4) Rocket Motors, WTU-1/B Inert Warheads, MK-149 Warheads, M282 (MPP) Warheads, MK152 Warheads, APKWS II Guidance and Control (G&C) Sections, MK-71 Rocket Motors, Smokey Sams, MK-66 (Mod 6) Rocket Motors, MK-146 HE Warheads, WTU-11/B Inert Warheads, LAU-61 G/A Rocket Launchers, and required containers. FY14 Baseline funding will also fund Production Engineering Support (PES) and Integrated Logistics Support (ILS) for the procured items.

Procurement of two (2) different rocket launchers in PB14 is required to support unique combat capabilities associated with the mission requirements of 2 separate helicopter platforms.

The LAU-61 G/A, a 19-tube digital rocket launcher, is being qualified to support execution of the FAC/FIAC mission from Navy MH-60R/S helicopter variants. The launcher permits employment of unguided 2.75-inch rockets and Advanced Precision Kill Weapon System II (APKWS II) rockets with capability to support future guided rockets.

The LAU-68 F/A, a 7-tube rocket launcher, is currently only qualified to fly on U.S. Marine Corps AH-1W and UH-1Y helicopter variants and enables engagement of land and littoral threats in support of maneuvering ground forces. Launcher capability permits the employment of APKWS II rockets only.

FY12 OCO funding will be used to procure: MK 66 Rocket Motor (Mod 4), WTU-1/B inert Warhead, M282 (MPP), MK152 Warhead and APKWS Guidance and Control (G&C) Section.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 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:
MDAP/MAIS Code(s): FY13 OCO funding will be used to procure: MK 66 Rocket Motor (Mod 4), WTU-1/B inert Warhead, 2.75-inch Rocket Launcher, M282 (MPP), MK152 Warhead, APKWS Guidance and Control (G&C) Section and associated Production Engineering Support (PES).		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0151 - Airborne Rockets, All Types								Aggregated Item Name: Airborne Rockets, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) Rockets Hardware ⁽¹⁾																				
† 1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4) ⁽²⁾	A		1,357.10	164,617	223.401	853.90	44,502	38.000	585.60	71,262	41.731	587.99	20,584	12.103	-	-	-	587.99	20,584	12.103
† 1.2) (Q5041) MK 71 ROCKET MOTOR ⁽³⁾	A		-	-	56.296	-	-	-	6,000.00	25	0.150	-	-	-	-	-	-	-	-	-
† 1.3) (Q5042) MK 66 ROCKET MOTOR (MOD 6) ⁽⁴⁾	A		-	-	0.585	-	-	-	550.00	20	0.011	-	-	-	-	-	-	-	-	-
† 1.4) (Q5200) SMOKEY SAM	A		-	-	3.050	-	-	-	156.00	2,988	0.466	158.00	2,970	0.469	-	-	-	158.00	2,970	0.469
Subtotal 1) Rockets Hardware					283.332			38.000			42.358			12.572			-			12.572
2) Rocket Warheads																				
† 2.1) (Q5030) WTU1/B INERT WARHEAD ⁽⁵⁾	A		440.52	25,556	11.258	85.00	27,129	2.306	85.96	16,450	1.414	87.92	8,178	0.719	-	-	-	87.92	8,178	0.719
† 2.2) (Q5080) MK 146 HE WARHEAD	A		18,431.82	1,100	20.275	-	-	-	1,548.69	1,992	3.085	1,574.82	1,978	3.115	-	-	-	1,574.82	1,978	3.115
† 2.3) (Q5090) MK 149 WARHEAD ⁽⁶⁾	A		-	-	11.096	1,168.96	509	0.595	556.15	1,318	0.733	565.75	1,308	0.740	-	-	-	565.75	1,308	0.740
† 2.4) (Q5897) WTU-11/ B WARHEAD	A		-	-	1.025	-	-	-	402.72	956	0.385	409.47	950	0.389	-	-	-	409.47	950	0.389
† 2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)	A		3,492.77	2,350	8.208	3,209.00	1,714	5.500	3,279.20	2,543	8.339	3,319.00	43	0.143	-	-	-	3,319.00	43	0.143
† 2.6) (Q5899) MK 152 WARHEAD	A		1,338.18	7,848	10.502	1,369.20	16,728	22.904	1,369.20	18,366	25.147	1,393.20	664	0.925	-	-	-	1,393.20	664	0.925
Subtotal 2) Rocket Warheads					62.364			31.305			39.103			6.031			-			6.031
3) Rocket Launchers																				
† 3.1) (Q5895) LAU-68 F/A (2.75")	A		24,721.82	417	10.309	-	-	-	15,962.96	420	6.704	16,076.92	195	3.135	-	-	-	16,076.92	195	3.135
† 3.2) (Q5900) LAU-61 G/A (2.75") DIGITAL ROCKET LAUNCHER	A		-	-	-	-	-	-	-	-	-	56,000.00	113	6.328	-	-	-	56,000.00	113	6.328
Subtotal 3) Rocket Launchers					10.309			-			6.704			9.463			-			9.463
4) APKWS ⁽⁷⁾																				
† 4.1) (Q5896) APKWS G&C SECTIONS	A		40,233.33	600	24.140	28,498.00	985	28.070	28,985.00	1,452	42.086	28,975.52	1,103	31.960	-	-	-	28,975.52	1,103	31.960
Subtotal 4) APKWS					24.140			28.070			42.086			31.960			-			31.960

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0151 - Airborne Rockets, All Types							Aggregated Item Name: Airborne Rockets, All Types					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5) Other																				
5.1) (Q5871) MISCELLANEOUS ITEMS	A		-	-	6.717	-	-	-	-	-	-	-	-	0.100	-	-	-	-	-	0.100
5.2) (Q5870) CONTAINERS	A		-	-	12.253	-	-	-	-	-	1.119	-	-	0.939	-	-	-	-	-	0.939
Subtotal 5) Other					18.970			-			1.119			1.039			-			1.039
6) (Q5800) Integrated Logistics Support (ILS)																				
6.1) ROCKET WARHEADS-ILS	A		-	-	2.671	-	-	0.205	-	-	0.154	-	-	0.165	-	-	-	-	-	0.165
6.2) ROCKET LAUNCHERS-ILS	A		-	-	0.243	-	-	0.097	-	-	0.097	-	-	0.097	-	-	-	-	-	0.097
6.3) APKWS-ILS	A		-	-	0.101	-	-	0.046	-	-	0.055	-	-	0.047	-	-	-	-	-	0.047
6.4) OTHER-ILS	A		-	-	0.036	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) (Q5800) Integrated Logistics Support (ILS)					3.051			0.348			0.306			0.309			-			0.309
7) (Q5850) Product Improvement (PIP)																				
7.1) ROCKET WARHEADS-PIP	A		-	-	12.751	-	-	0.709	-	-	0.332	-	-	0.369	-	-	-	-	-	0.369
7.2) ROCKET LAUNCHERS-PIP	A		-	-	0.009	-	-	0.004	-	-	0.006	-	-	0.004	-	-	-	-	-	0.004
Subtotal 7) (Q5850) Product Improvement (PIP)					12.760			0.713			0.338			0.373			-			0.373
8) (Q5830) Production Engineering Support (PES)																				
8.1) ROCKET MOTORS-PES	A		-	-	7.756	-	-	0.782	-	-	2.125	-	-	1.249	-	-	-	-	-	1.249
8.2) ROCKET WARHEADS-PES	A		-	-	20.423	-	-	2.893	-	-	1.403	-	-	1.171	-	-	-	-	-	1.171
8.3) ROCKET LAUNCHERS-PES	A		-	-	2.058	-	-	0.196	-	-	0.530	-	-	0.529	-	-	-	-	-	0.529
8.4) APKWS-PES	A		-	-	10.104	-	-	1.157	-	-	0.703	-	-	0.715	-	-	-	-	-	0.715
Subtotal 8) (Q5830) Production Engineering Support (PES)					40.341			5.028			4.761			3.664			-			3.664
Total					455.267			103.464			136.775			65.411			-			65.411
Footnotes:																				
(1) Rocket motor price increase included risk to prime contractor associated with a competition and subsequent protest of the motor grain.																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0151 - Airborne Rockets, All Types	Aggregated Item Name: Airborne Rockets, All Types
(2) FY12 depicts actual execution. Pricing is provided by the Army and incorporates other services' buys. (3) Pricing is provided by the Army and incorporates other services' buys. (4) Pricing is provided by the Army and incorporates other services' buys. (5) Pricing provided by the Army and incorporates other services' buys. (6) Pricing provided by the Army and incorporates other services' buys. (7) APKWS unit price increase due to low quantity buy compared to the overall expected business base. Prices are based on projected costs.		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0151 - Airborne Rockets, All Types					Aggregated Item Name: Airborne Rockets, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Rockets Hardware												
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)		2010	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2010	Oct 2011	8,894	554.31	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)	✓	2010	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2010	Oct 2011	64,623	554.00	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)	✓	2011	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Jun 2011	Nov 2012	91,095	539.00	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)	✓	2012	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2012	Nov 2013	44,502	853.90	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)		2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2013	Nov 2014	27,797	585.60	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)	✓	2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2013	Nov 2014	43,465	585.60	Y		Oct 2008
†1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)		2014	General Dynamics / Burlington, VT	SS / FP	Huntsville	May 2014	Nov 2015	20,584	587.99	Y		Oct 2013
1.2) (Q5041) MK 71 ROCKET MOTOR		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	PO	NSWC	Jan 2013	Jan 2014	25	6,000.00	Y		Oct 2008
1.3) (Q5042) MK 66 ROCKET MOTOR (MOD 6)		2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2013	Jan 2014	20	550.00	Y		Oct 2008
1.4) (Q5200) SMOKEY SAM		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	PO	NSWC	Jan 2013	Jan 2014	2,988	156.00	Y		
1.4) (Q5200) SMOKEY SAM		2014	NSWC INDIAN HEAD DIV / Indian Head, MD	PO	NSWC	Jan 2014	Jan 2015	2,970	158.00	Y		
2) Rocket Warheads												
2.1) (Q5030) WTU1/B INERT WARHEAD		2010	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2010	Nov 2011	25,556	81.00	Y		Oct 2008
2.1) (Q5030) WTU1/B INERT WARHEAD	✓	2012	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2012	May 2013	27,129	85.00	Y		Oct 2008
2.1) (Q5030) WTU1/B INERT WARHEAD		2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2013	May 2014	8,225	85.96	Y		Oct 2008
2.1) (Q5030) WTU1/B INERT WARHEAD	✓	2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2013	May 2014	8,225	85.96	Y		Oct 2008
2.1) (Q5030) WTU1/B INERT WARHEAD		2014	General Dynamics / Burlington, VT	SS / FFP	Huntsville	May 2014	May 2015	8,178	87.92	Y		Oct 2013
2.2) (Q5080) MK 146 HE WARHEAD		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jan 2013	Jan 2014	1,992	1,548.69	Y		
2.2) (Q5080) MK 146 HE WARHEAD		2014	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jan 2014	Jan 2015	1,978	1,574.82	Y		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0151 - Airborne Rockets, All Types					Aggregated Item Name: Airborne Rockets, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.3) (Q5090) MK 149 WARHEAD		2012	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2012	Aug 2014	509	1,168.96	Y		Oct 2008
2.3) (Q5090) MK 149 WARHEAD		2013	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2013	Aug 2015	1,318	556.15	Y		Oct 2008
2.3) (Q5090) MK 149 WARHEAD		2014	General Dynamics / Burlington, VT	SS / FFP	Huntsville	Apr 2014	Aug 2016	1,308	565.75	Y		Oct 2013
2.4) (Q5897) WTU-11/B WARHEAD		2013	Flexible Concepts / Elkhart, IN	SS / FFP	Huntsville	Mar 2013	Mar 2014	956	402.72	Y		Oct 2008
2.4) (Q5897) WTU-11/B WARHEAD		2014	Flexible Concepts / Elkhart, IN	SS / FFP	Huntsville	Mar 2014	Mar 2015	950	409.47	Y		Oct 2013
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)	✓	2011	General Dynamics (8) / Burlington, VT	C / FFP	NAVAIR HQ	Jun 2011	Jun 2012	2,350	3,191.49	Y		Oct 2008
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)	✓	2012	General Dynamics (8) / Burlington, VT	C / FFP	NAVAIR HQ	Mar 2012	Mar 2013	1,714	3,209.00	Y		Oct 2008
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)		2013	General Dynamics (8) / Burlington, VT	C / FFP	NAVAIR HQ	Mar 2013	Mar 2014	43	3,279.20	Y		Oct 2008
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)	✓	2013	General Dynamics (8) / Burlington, VT	C / FFP	NAVAIR HQ	Mar 2013	Mar 2014	2,500	3,279.20	Y		Oct 2008
†2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)		2014	General Dynamics (8) / Burlington, VT	C / FFP	NAVAIR HQ	Mar 2014	Mar 2015	43	3,319.00	Y		Oct 2013
†2.6) (Q5899) MK 152 WARHEAD		2010	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Aug 2010	Aug 2011	2,249	1,333.93	Y		
†2.6) (Q5899) MK 152 WARHEAD	✓	2011	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jun 2011	Jun 2012	5,599	1,339.88	Y		
†2.6) (Q5899) MK 152 WARHEAD	✓	2012	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jan 2012	Jan 2013	16,728	1,369.20	Y		
†2.6) (Q5899) MK 152 WARHEAD		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jan 2013	Jan 2014	669	1,369.20	Y		
†2.6) (Q5899) MK 152 WARHEAD	✓	2013	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jan 2013	Jan 2014	17,697	1,369.20	Y		
†2.6) (Q5899) MK 152 WARHEAD		2014	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jan 2014	Jan 2015	664	1,393.20	N		
3) Rocket Launchers												
†3.1) (Q5895) LAU-68 F/A (2.75")	✓	2011	Arnold Defense / St. Louis, MO	C / FFP	NSWC	Aug 2011	Jan 2013	417	15,753.00	Y		Apr 2009
†3.1) (Q5895) LAU-68 F/A (2.75")		2013	Arnold Defense / St. Louis, MO	C / FFP	NSWC	Aug 2013	Aug 2014	241	15,962.96	Y		Apr 2009

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0151 - Airborne Rockets, All Types						Aggregated Item Name: Airborne Rockets, All Types			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†3.1) (Q5895) LAU-68 F/A (2.75")	✓	2013	Arnold Defense / St. Louis, MO	C / FFP	NSWC	Aug 2013	Aug 2014	179	15,962.96	Y		Apr 2009
†3.1) (Q5895) LAU-68 F/A (2.75")		2014	Arnold Defense / St. Louis, MO	C / FFP	NSWC	Aug 2014	Aug 2015	195	16,076.92	Y		Apr 2009
†3.2) (Q5900) LAU-61 G/A (2.75") DIGITAL ROCKET LAUNCHER		2014	TBD / TBD	C / TBD	** NO PCO **	Feb 2014	Aug 2014	113	56,000.00	Y		
4) APKWS												
†4.1) (Q5896) APKWS G&C SECTIONS		2012	BAE SYSTEMS / NASHUA, NH	C / FFP	NAVAIR HQ	Apr 2012	Oct 2012	585	28,498.00	Y		Nov 2011
†4.1) (Q5896) APKWS G&C SECTIONS	✓	2012	BAE SYSTEMS / NASHUA, NH	C / FFP	NAVAIR HQ	Apr 2012	Oct 2012	400	28,498.00	Y		Nov 2011
†4.1) (Q5896) APKWS G&C SECTIONS		2013 ⁽⁹⁾	BAE SYSTEMS / NASHUA, NH	C / FFP	NAVAIR HQ	Nov 2012	Oct 2013	836	28,985.00	Y		Nov 2011
†4.1) (Q5896) APKWS G&C SECTIONS	✓	2013 ⁽¹⁰⁾	BAE SYSTEMS / NASHUA, NH	C / FFP	NAVAIR HQ	Nov 2012	Oct 2013	616	28,985.00	Y		Nov 2011
†4.1) (Q5896) APKWS G&C SECTIONS		2014 ⁽¹¹⁾	BAE SYSTEMS / NASHUA, NH	C / FFP	NAVAIR HQ	Nov 2013	Oct 2014	1,103	28,975.52	Y		Oct 2012
Footnotes: ⁽⁸⁾ MSR will be met with purchases from the Army ⁽⁹⁾ Option year of a two year contract, RFP issue date is 11/2011. Contract award has been accelerated due to Full Rate Production Decision approval. ⁽¹⁰⁾ Option year of a two year contract, RFP issue date is 11/2011. Contract award has been accelerated due to Full Rate Production Decision approval. ⁽¹¹⁾ Contract award has been accelerated due to Full Rate Production Decision approval.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013											
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 Nomenclature: 0151 - Airborne Rockets, All Types														Aggregated Item Name: Airborne Rockets, All Types											
Items (Units in Each)							Fiscal Year 2010														Fiscal Year 2011														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010														Calendar Year 2011														B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
	13	2014	NAVY	195	-	195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	195				
3.2) (Q5900) LAU-61 G/A (2.75") DIGITAL ROCKET LAUNCHER																																			
	14	2014	NAVY	113 (13)	-	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113				
4) APKWS																																			
4.1) (Q5896) APKWS G&C SECTIONS																																			
All Prior Years Deliveries: 600																																			
	15	2012	NAVY	585 (14)	-	585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	585				
✓	15	2012	NAVY	400 (15)	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400				
	15	2013	NAVY	836	-	836	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	836				
✓	15	2013	NAVY	616	-	616	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	616				
	15	2014	NAVY	1,103	-	1,103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,103				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																					Date: April 2013													
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 Nomenclature: 0151 - Airborne Rockets, All Types										Aggregated Item Name: Airborne Rockets, All Types													
Items (Units in Each)							Fiscal Year 2012										Fiscal Year 2013																	
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012										Calendar Year 2013										B A L							
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P			
1) Rockets Hardware																																		
1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)																																		
All Prior Years Deliveries: 5																																		
	10	2010	NAVY	8,894	-	8,894	742	742	741	741	741	741	741	741	741	741	741																-	
✓	10	2010	NAVY	64,623	-	64,623	5,386	5,386	5,386	5,385	5,385	5,385	5,385	5,385	5,385	5,385	5,385																-	
✓	10	2011	NAVY	91,095 (12)	-	91,095	-	-	-	-	-	-	-	-	-	-	-	-	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,591	7,592	7,592	7,592		
✓	10	2012	NAVY	44,502	-	44,502	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44,502		
	10	2013	NAVY	27,797	-	27,797	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	27,797		
✓	10	2013	NAVY	43,465	-	43,465	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	43,465		
	10	2014	NAVY	20,584	-	20,584	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20,584		
2) Rocket Warheads																																		
2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)																																		
✓	11	2011	NAVY	2,350	-	2,350	-	-	-	-	-	-	-	-	262	261	261	261	261	261	261	261	261											-
✓	11	2011	♦ ARMY	672	-	672	-	-	-	-	-	-	-	-	336	168	168	-	-	-	-	-	-											-
✓	11	2011	TOTAL	3,022	-	3,022	-	-	-	-	-	-	-	-	598	429	429	261	261	261	261	261	261											-
✓	11	2012	NAVY	1,714	-	1,714	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	142	142	143	143	143	143	143	143	715		
	11	2013	NAVY	43	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	43		
✓	11	2013	NAVY	2,500	-	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	2,500		
	11	2014	NAVY	43	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43		
2.6) (Q5899) MK 152 WARHEAD																																		
	12	2010	NAVY	2,249	449	1,800	224	224	224	224	224	224	226	230																		-		
✓	12	2011	NAVY	5,599	-	5,599	-	-	-	-	-	-	-	-	800	800	800	800	800	800	799											-		
✓	12	2012	NAVY	16,728	-	16,728	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	1,394	4,182		
	12	2013	NAVY	669	-	669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	669		
✓	12	2013	NAVY	17,697	-	17,697	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	17,697		
	12	2014	NAVY	664	-	664	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	664		
3) Rocket Launchers																																		
3.1) (Q5895) LAU-68 F/A (2.75")																																		
✓	13	2011	NAVY	417	-	417	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34	34	34	35	35	35	35	35	35	105			
	13	2013	NAVY	241	-	241	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	241		
✓	13	2013	NAVY	179	-	179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	179		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013											
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 Nomenclature: 0151 - Airborne Rockets, All Types														Aggregated Item Name: Airborne Rockets, All Types											
Items (Units in Each)							Fiscal Year 2012												Fiscal Year 2013																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																		Calendar Year 2013										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
	13	2014	NAVY	195	-	195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	195				
3.2) (Q5900) LAU-61 G/A (2.75") DIGITAL ROCKET LAUNCHER																																			
	14	2014	NAVY	113 (13)	-	113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113				
4) APKWS																																			
4.1) (Q5896) APKWS G&C SECTIONS																																			
All Prior Years Deliveries: 600																																			
	15	2012	NAVY	585 (14)	-	585	-	-	-	-	-	-	A -	-	-	-	-	-	1	85	2	160	2	160	2	173							-		
✓	15	2012	NAVY	400 (15)	-	400	-	-	-	-	-	-	A -	-	-	-	-	-	2	160	2	160	1	75							-				
	15	2013	NAVY	836	-	836	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	836				
✓	15	2013	NAVY	616	-	616	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	616				
	15	2014	NAVY	1,103	-	1,103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,103				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013											
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 Nomenclature: 0151 - Airborne Rockets, All Types											Aggregated Item Name: Airborne Rockets, All Types												
Items (Units in Each)							Fiscal Year 2014											Fiscal Year 2015																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014											Calendar Year 2015											B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L		A U G	S E P			
1) Rockets Hardware																																		
1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)																																		
All Prior Years Deliveries: 5																																		
	10	2010	NAVY	8,894	8,894	-																											-	
✓	10	2010	NAVY	64,623	64,623	-																											-	
✓	10	2011	NAVY	91,095 (12)	83,503	7,592	7,592																											-
✓	10	2012	NAVY	44,502	-	44,502	-	3,708	3,708	3,708	3,708	3,708	3,708	3,709	3,709	3,709	3,709	3,709	3,709															-
	10	2013	NAVY	27,797	-	27,797	-	-	-	-	-	-	-	-	-	-	-	-	-	2,316	2,316	2,316	2,316	2,316	2,316	2,316	2,317	2,317	2,317	2,317	2,317			
✓	10	2013	NAVY	43,465	-	43,465	-	-	-	-	-	-	-	-	-	-	-	-	3,623	3,622	3,622	3,622	3,622	3,622	3,622	3,622	3,622	3,622	3,622	3,622				
	10	2014	NAVY	20,584	-	20,584	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20,584			
2) Rocket Warheads																																		
2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)																																		
✓	11	2011	NAVY	2,350	2,350	-																											-	
✓	11	2011	♦ ARMY	672	672	-																											-	
✓	11	2011	TOTAL	3,022	3,022	-																											-	
✓	11	2012	NAVY	1,714	999	715	143	143	143	143	143																						-	
	11	2013	NAVY	43	-	43	-	-	-	-	-	3	3	3	3	3	4	4	4	4	4	4	4											-
✓	11	2013	NAVY	2,500	-	2,500	-	-	-	-	-	208	208	208	208	208	208	208	208	209	209	209	209											-
	11	2014	NAVY	43	-	43	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	4	4	20				
2.6) (Q5899) MK 152 WARHEAD																																		
	12	2010	NAVY	2,249	2,249	-																											-	
✓	12	2011	NAVY	5,599	5,599	-																											-	
✓	12	2012	NAVY	16,728	12,546	4,182	1,394	1,394	1,394																								-	
	12	2013	NAVY	669	-	669	-	-	-	55	55	55	56	56	56	56	56	56	56	56	56													-
✓	12	2013	NAVY	17,697	-	17,697	-	-	-	1,475	1,475	1,475	1,475	1,475	1,475	1,475	1,475	1,474	1,474	1,474													-	
	12	2014	NAVY	664	-	664	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	55	55	55	55	55	55	55	55	56	168				
3) Rocket Launchers																																		
3.1) (Q5895) LAU-68 F/A (2.75")																																		
✓	13	2011	NAVY	417	312	105	35	35	35																								-	
	13	2013	NAVY	241	-	241	-	-	-	-	-	-	-	-	-	-	20	20	20	20	20	20	20	20	20	20	20	21	-					
✓	13	2013	NAVY	179	-	179	-	-	-	-	-	-	-	-	-	15	15	15	15	15	15	15	15	15	15	15	15	14	-					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013														
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 Nomenclature: 0151 - Airborne Rockets, All Types													Aggregated Item Name: Airborne Rockets, All Types														
Items (Units in Each)							Fiscal Year 2014													Fiscal Year 2015																	
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014																		Calendar Year 2015												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						
	13	2014	NAVY	195	-	195	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	25	25	145					
3.2) (Q5900) LAU-61 G/A (2.75") DIGITAL ROCKET LAUNCHER																																					
	14	2014	NAVY	113 (13)	-	113	-	-	-	-	A -	-	-	-	-	-	2	-	-	12	24	24	24	24	3								-				
4) APKWS																																					
4.1) (Q5896) APKWS G&C SECTIONS																																					
All Prior Years Deliveries: 600																																					
	15	2012	NAVY	585 (14)	585	-																										-					
✓	15	2012	NAVY	400 (15)	400	-																										-					
	15	2013	NAVY	836	-	836	70	70	70	70	70	70	70	70	70	70	66																-				
✓	15	2013	NAVY	616	-	616	51	51	51	51	51	51	51	51	51	51	55																-				
	15	2014	NAVY	1,103	-	1,103	-	A -	-	-	-	-	-	-	-	-	-	91	92	92	92	92	92	92	92	92	92	92	92	92	-						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013											
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 Nomenclature: 0151 - Airborne Rockets, All Types										Aggregated Item Name: Airborne Rockets, All Types											
Items <i>(Units in Each)</i>							Fiscal Year 2016										Fiscal Year 2017														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017														
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L
1) Rockets Hardware																															
1.1) (Q5040) MK 66 ROCKET MOTOR (MOD 4)																															
All Prior Years Deliveries: 5																															
	10	2010	NAVY	8,894	8,894	-																		-							
✓	10	2010	NAVY	64,623	64,623	-																		-							
✓	10	2011	NAVY	91,095 (12)	91,095	-																		-							
✓	10	2012	NAVY	44,502	44,502	-																		-							
	10	2013	NAVY	27,797	25,480	2,317	2,317																		-						
✓	10	2013	NAVY	43,465	39,843	3,622	3,622																		-						
	10	2014	NAVY	20,584	-	20,584	-	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,715	1,716	1,716	1,716	1,716											-	
2) Rocket Warheads																															
2.5) (Q5898) M282 MULTI PURPOSE PENETRATOR (MPP)																															
✓	11	2011	NAVY	2,350	2,350	-																		-							
✓	11	2011	♦ ARMY	672	672	-																		-							
✓	11	2011	TOTAL	3,022	3,022	-																		-							
✓	11	2012	NAVY	1,714	1,714	-																		-							
	11	2013	NAVY	43	43	-																		-							
✓	11	2013	NAVY	2,500	2,500	-																		-							
	11	2014	NAVY	43	23	20	4	4	4	4	4															-					
2.6) (Q5899) MK 152 WARHEAD																															
	12	2010	NAVY	2,249	2,249	-																		-							
✓	12	2011	NAVY	5,599	5,599	-																		-							
✓	12	2012	NAVY	16,728	16,728	-																		-							
	12	2013	NAVY	669	669	-																		-							
✓	12	2013	NAVY	17,697	17,697	-																		-							
	12	2014	NAVY	664	496	168	56	56	56															-							
3) Rocket Launchers																															
3.1) (Q5895) LAU-68 F/A (2.75")																															
✓	13	2011	NAVY	417	417	-																		-							
	13	2013	NAVY	241	241	-																		-							
✓	13	2013	NAVY	179	179	-																		-							
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013											
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 Nomenclature: 0151 - Airborne Rockets, All Types										Aggregated Item Name: Airborne Rockets, All Types											
Items (Units in Each)							Fiscal Year 2016										Fiscal Year 2017														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017										B A L				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P
	13	2014	NAVY	195	50	145	25	25	25	25	25	20														-					
3.2) (Q5900) LAU-61 G/A (2.75") DIGITAL ROCKET LAUNCHER																															
	14	2014	NAVY	113 (13)	113	-														-											
4) APKWS																															
4.1) (Q5896) APKWS G&C SECTIONS																															
All Prior Years Deliveries: 600																															
	15	2012	NAVY	585 (14)	585	-														-											
✓	15	2012	NAVY	400 (15)	400	-														-											
	15	2013	NAVY	836	836	-														-											
✓	15	2013	NAVY	616	616	-														-											
	15	2014	NAVY	1,103	1,103	-	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0151 - Airborne Rockets, All Types	Aggregated Item Name: Airborne Rockets, All Types

MFR #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	General Dynamics - Burlington, VT	3,600.00	300,000.00	552,000.00	-	-	-	-	-	7	18	25
2	General Dynamics ⁽⁸⁾ - Burlington, VT	300.00	3,400.00	4,400.00	-	-	-	-	-	6	12	18
3	NSWC INDIAN HEAD DIV - Indian Head, MD	1,500.00	8,000.00	100,000.00	-	-	-	-	-	4	12	16
4	Arnold Defense - St. Louis, MO	4.00	540.00	1,000.00	-	6	-	6	-	11	12	23
5	TBD - TBD	-	-	-	-	-	-	-	-	-	-	-
6	BAE SYSTEMS - NASHUA, NH	200.00	800.00	5,000.00	-	-	-	-	-	2	12	14

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

Footnotes:

⁽⁸⁾ MSR will be met with purchases from the Army

⁽¹²⁾ Break in delivery is due to late contract award, there is no break in production

⁽¹³⁾ First 2 deliveries are to be used for Lot Acceptance Testing (LAT)

⁽¹⁴⁾ 2 Lot Acceptance Testing units are used for live fire tests every other month prior to the acceptance of 160 units.

⁽¹⁵⁾ 2 Lot Acceptance Testing units are used for live fire tests every other month prior to the acceptance of 160 units.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013										
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 Nomenclature: 0155 - Machine Gun Ammunition													
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:					Other Related Program Elements:											
MDAP/MAIS Code(s):																				
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total								
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Cost (<i>\$ in Millions</i>)	397.643	40.188	42.766	20.284	-	20.284	21.409	21.683	22.086	22.475	Continuing	Continuing								
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Net Procurement (P1) (<i>\$ in Millions</i>)	397.643	40.188	42.766	20.284	-	20.284	21.409	21.683	22.086	22.475	Continuing	Continuing								
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Total Obligation Authority (<i>\$ in Millions</i>)	397.643	40.188	42.766	20.284	-	20.284	21.409	21.683	22.086	22.475	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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-								
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: This line funds procurement of 20MM/25MM ammunition used with various aircraft gun systems and includes integrated logistics, product engineering support and product improvement programs. The ammunition procurements fall into two categories: Target Practice (TP) and High Explosive Incendiary (HEI). The TP rounds are used for training and also include Target Practice - Tracer (TP-T) rounds. The HEI rounds are used for warfighting and also include Semi Armor Piercing High Explosive Incendiary (SAPHEI) rounds. 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-1Z aircraft. The linked rounds are used in the M197 gun on AH-1W aircraft and MH60 aircraft for the FFW. 25MM rounds are procured in the linkless configuration and are used in the GAU-12 Gun System in the AV-8B aircraft GAU-22 in the F-35B/C aircraft. 30MM rounds are procured in the linked configuration and are used in the MK-44 Gun System on the KC-130J aircraft. All 20MM/25MM/30MM ammunition is procured by the Joint Munitions Command, Rock Island, Illinois and Naval Surface Warfare Center, Indian Head Detachment, Picatinny, New Jersey. Due to Base Realignment and Closure (BRAC) inert rounds are procured through Naval Surface Warfare Center, Indian Head, Maryland, instead of Crane, Indiana.																				
Item Schedule		Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Machine Gun Ammunition	P40A, P5A, P21				397.643			40.188			42.766			20.284			-			20.284
Total Gross/Weapon System Cost					397.643			40.188			42.766			20.284			-			20.284
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10.																				

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0155 - Machine Gun Ammunition
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.		
Justification: FY 12 provided funding to procure 20MM Linkless TP, PGU-27; 20MM Linkless HEI, PGU-28; 20MM Linked TP PGU-27; 20MM Linked, HEI, PGU-28; 20MM Linkless TP-T; 25MM Linkless TP; 25MM Linkless, HEI; Inert rounds. FY 13 provides funding to procure 20MM Linkless TP, PGU-27; 20MM Linkless HEI PGU-28; 20MM Linked TP, PGU-27; 20MM Linked, HEI, PGU-28; 20MM Linkless TP-T; 25MM Linkless TP; 25MM Linkless, HEI; Inert rounds; 30MM Linked TP; 30MM Linked HEI. FY 14 provides funding to procure 20MM Linkless TP, PGU-27; 20MM Linkless HEI PGU-28; 20MM Linked TP, PGU-27; 20MM Linked, HEI, PGU-28; 20MM Linkless TP-T; 25MM Linkless TP; 25MM Linkless, HEI; Inert rounds; 30MM Linked TP; 30MM Linked HEI. FY 12 OCO provided funding to procure 20MM Linkless TP, PGU-27; 20MM Linked TP, PGU-27; 25MM Linkless, HEI. FY 13 OCO provides funding to procure 20MM Linkless TP, PGU-27; 20MM Linkless HEI, PGU-28; 25MM Linkless TP; 25MM Linkless HEI. A decrease in funding from FY 13 to FY 14 is the result of less ammunition buys, consequently reducing production engineering.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
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 Nomenclature: 0155 - Machine Gun Ammunition							Aggregated Item Name: Machine Gun Ammunition					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) Machine Gun Ammunition																					
† 1.1) (Q4010) 20MM LINKLESS TP,PGU-27	A		37.72	3,356,072	126.598	9.94	1,597,786	15.882	10.25	2,113,756	21.663	10.36	378,788	3.924	-	-	-	10.36	378,788	3.924	
† 1.2) (Q4050) 20MM LINKLESS, HEI PGU-28	A		85.21	779,221	66.394	23.80	210,084	5.000	24.51	462,872	11.345	25.25	356,436	9.000	-	-	-	25.25	356,436	9.000	
† 1.3) (Q4060) 20MM LINKED, TP PGU-27	A		62.70	1,098,057	68.851	15.05	591,428	8.901	15.50	65	0.001	15.97	63	0.001	-	-	-	15.97	63	0.001	
† 1.4) (Q4070) 20MM LINKED, HEI	A		112.40	673,401	75.689	21.41	47	0.001	22.05	45	0.001	22.71	44	0.001	-	-	-	22.71	44	0.001	
† 1.5) (Q4080) 20MM LINKLESS , TP-T ⁽¹⁾	A		25.74	165,316	4.256	15.17	183,916	2.790	15.63	64	0.001	16.10	143,354	2.308	-	-	-	16.10	143,354	2.308	
† 1.6) (Q4090) 25MM LINKLESS TP ⁽²⁾	A		18.96	183,914	3.487	16.25	92,308	1.500	17.35	189,049	3.280	18.21	126,744	2.308	-	-	-	18.21	126,744	2.308	
† 1.7) (Q4150) 25MM LINKLESS, HEI	A		81.66	120,576	9.846	40.00	75,000	3.000	40.80	85,785	3.500	41.53	24	0.001	-	-	-	41.53	24	0.001	
† 1.8) (Q4200) INERT ROUND	A		72.12	5,546	0.400	18.57	5,385	0.100	19.13	5,227	0.100	19.70	5,076	0.100	-	-	-	19.70	5,076	0.100	
† 1.9) (Q4210) 30MM LINKED TP	A		-	-	-	-	-	-	29.41	34	0.001	30.30	33	0.001	-	-	-	30.30	33	0.001	
† 1.10) (Q4220) 30MM LINKED HEI	A		-	-	-	-	-	-	142.86	7	0.001	142.86	7	0.001	-	-	-	142.86	7	0.001	
Subtotal 1) Machine Gun Ammunition					355.521			37.174			39.893			17.645			-			17.645	
2) PRODUCT IMPROVEMENT																					
2.1) (Q4850) Machine Gun Ammunition	A		-	-	9.376	-	-	0.530	-	-	0.641	-	-	0.652	-	-	-	-	-	0.652	
Subtotal 2) PRODUCT IMPROVEMENT					9.376			0.530			0.641			0.652			-			0.652	
3) INTEGRATED LOGISTIC SUPPORT																					
3.1) (Q4800) Machine Gun Ammunition	A		-	-	5.683	-	-	0.582	-	-	0.654	-	-	0.658	-	-	-	-	-	0.658	
Subtotal 3) INTEGRATED LOGISTIC SUPPORT					5.683			0.582			0.654			0.658			-			0.658	
4) PRODUCTION ENGINEERING																					
4.1) (Q4830) Machine Gun Ammunition	A		-	-	27.063	-	-	1.902	-	-	1.578	-	-	1.329	-	-	-	-	-	1.329	
Subtotal 4) PRODUCTION ENGINEERING					27.063			1.902			1.578			1.329			-			1.329	
Total					397.643			40.188			42.766			20.284			-			20.284	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0155 - Machine Gun Ammunition	Aggregated Item Name: Machine Gun Ammunition
Footnotes: (1) FY12 thru FY14 funding reflects an increase in procurement of items every other year to obtain the most economical buys. (2) FY12 thru FY14 funding reflects an increase in procurement of items every other year to obtain the most economical buys.		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0155 - Machine Gun Ammunition					Aggregated Item Name: Machine Gun Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Machine Gun Ammunition												
1.1) (Q4010) 20MM LINKLESS TP,PGU-27		2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jul 2011	Jul 2012	1,434,213	9.47	Y		Sep 2008
1.1) (Q4010) 20MM LINKLESS TP,PGU-27	✓	2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jul 2011	Jul 2012	1,921,859	9.47	Y		Sep 2008
1.1) (Q4010) 20MM LINKLESS TP,PGU-27		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	390,543	9.94	Y		Sep 2008
1.1) (Q4010) 20MM LINKLESS TP,PGU-27	✓	2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	1,207,243	9.94	Y		Sep 2008
1.1) (Q4010) 20MM LINKLESS TP,PGU-27		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	845,463	10.25	Y		Sep 2008
1.1) (Q4010) 20MM LINKLESS TP,PGU-27	✓	2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	1,268,293	10.25	Y		Sep 2008
1.1) (Q4010) 20MM LINKLESS TP,PGU-27		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2014	Apr 2015	378,788	10.36	Y		Sep 2013
†1.2) (Q4050) 20MM LINKLESS, HEI PGU-28	✓	2011 ⁽³⁾	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jul 2011	Jul 2012	779,221	23.10	Y		Sep 2008
†1.2) (Q4050) 20MM LINKLESS, HEI PGU-28		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	210,084	23.80	Y		Sep 2008
†1.2) (Q4050) 20MM LINKLESS, HEI PGU-28		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	238,474	24.51	Y		Sep 2008
†1.2) (Q4050) 20MM LINKLESS, HEI PGU-28	✓	2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	224,398	24.51	Y		Sep 2008
†1.2) (Q4050) 20MM LINKLESS, HEI PGU-28		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2014	Apr 2015	356,436	25.25	Y		Sep 2013
1.3) (Q4060) 20MM LINKED, TP PGU-27	✓	2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jul 2011	Jul 2012	1,098,057	14.41	Y		Sep 2008

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0155 - Machine Gun Ammunition					Aggregated Item Name: Machine Gun Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.3) (Q4060) 20MM LINKED, TP PGU-27		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	66	15.05	Y		Sep 2008
1.3) (Q4060) 20MM LINKED, TP PGU-27	✓	2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	591,362	15.05	Y		Sep 2008
1.3) (Q4060) 20MM LINKED, TP PGU-27		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	65	15.50	Y		Sep 2008
1.3) (Q4060) 20MM LINKED, TP PGU-27		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2014	Apr 2015	63	15.97	Y		Mar 2013
1.4) (Q4070) 20MM LINKED, HEI	✓	2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jun 2011	Jun 2012	673,401	20.79	Y		Sep 2008
1.4) (Q4070) 20MM LINKED, HEI		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	47	21.41	Y		Sep 2008
1.4) (Q4070) 20MM LINKED, HEI		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOISJMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	45	22.05	Y		Sep 2008
1.4) (Q4070) 20MM LINKED, HEI		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2014	Apr 2015	44	22.71	Y		Mar 2013
1.5) (Q4080) 20MM LINKLESS , TP-T		2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jun 2011	Jun 2012	165,316	14.56	Y		Sep 2008
1.5) (Q4080) 20MM LINKLESS , TP-T		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	183,916	15.17	Y		Sep 2008
1.5) (Q4080) 20MM LINKLESS , TP-T		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	64	15.63	Y		Sep 2008
1.5) (Q4080) 20MM LINKLESS , TP-T		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2014	Apr 2015	143,354	16.10	Y		Mar 2013

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0155 - Machine Gun Ammunition					Aggregated Item Name: Machine Gun Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.6) (Q4090) 25MM LINKLESS TP		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	92,308	16.25	Y		Sep 2008
1.6) (Q4090) 25MM LINKLESS TP		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	102,594	17.35	Y		Sep 2008
1.6) (Q4090) 25MM LINKLESS TP	✓	2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	86,455	17.35	Y		Sep 2008
1.6) (Q4090) 25MM LINKLESS TP		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2014	Apr 2015	126,744	18.21	Y		Mar 2013
1.7) (Q4150) 25MM LINKLESS, HEI		2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jun 2011	Jun 2012	56,196	39.22	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI	✓	2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Jun 2011	Jun 2012	64,380	39.22	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	37,500	40.00	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI	✓	2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2012	Apr 2013	37,500	40.00	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	49,020	40.80	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI	✓	2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	36,765	40.80	Y		Sep 2008
1.7) (Q4150) 25MM LINKLESS, HEI		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / TBD	JMC ROCK ISLAND, ILLINOIS	Apr 2014	Apr 2015	24	41.53	Y		Mar 2013
1.8) (Q4200) INERT ROUND		2011	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	NSWC INDIAN HEAD, MD	Jun 2011	Jun 2012	5,546	18.03	Y		Sep 2008
1.8) (Q4200) INERT ROUND		2012	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	NSWC INDIAN HEAD, MD	Apr 2012	Apr 2013	5,385	18.57	Y		Sep 2008

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0155 - Machine Gun Ammunition						Aggregated Item Name: Machine Gun Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1.8) (Q4200) INERT ROUND		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	NSWC INDIAN HEAD, MD	Apr 2013	Apr 2014	5,227	19.13	Y		Sep 2008
1.8) (Q4200) INERT ROUND		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	NSWC INDIAN HEAD, MD	Oct 2013	Oct 2014	5,076	19.70	Y		Apr 2012
1.9) (Q4210) 30MM LINKED TP		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	34	29.41	Y		Sep 2008
1.9) (Q4210) 30MM LINKED TP		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2014	Apr 2015	33	30.30	Y		Mar 2013
1.10) (Q4220) 30MM LINKED HEI		2013	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2013	Apr 2014	7	142.86	Y		Sep 2008
1.10) (Q4220) 30MM LINKED HEI		2014	GENERAL DYNAMICS OTS/ATK / MARION, IL / LAKE CITY, MO	C / FFP	JMC ROCK ISLAND, ILLINOIS	Apr 2014	Apr 2015	7	142.86	Y		Mar 2013

Footnotes:

⁽³⁾ Overlap in FY2011 and FY2012 deliveries is due to a late contract award in FY2011.

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013													
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 Nomenclature: 0155 - Machine Gun Ammunition										Aggregated Item Name: Machine Gun Ammunition																
Items <i>(Units in Thousands)</i>								Fiscal Year 2011										Fiscal Year 2012																		
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011																			Calendar Year 2012										
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					
1) Machine Gun Ammunition																																				
1.2) (Q4050) 20MM LINKLESS, HEI PGU-28																																				
✓	16	2011	NAVY	779.221	-	779.221	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	64.935	64.935	64.935	584.416			
	16	2012	NAVY	210.084 (4)	-	210.084	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	210.084			
	16	2013	NAVY	238.474	-	238.474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	238.474				
✓	16	2013	NAVY	224.398	-	224.398	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	224.398				
	16	2014	NAVY	356.436	-	356.436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	356.436				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013																
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 Nomenclature: 0155 - Machine Gun Ammunition										Aggregated Item Name: Machine Gun Ammunition																
Items <i>(Units in Thousands)</i>							Fiscal Year 2013										Fiscal Year 2014																			
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013										Calendar Year 2014										B A L									
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P					
1) Machine Gun Ammunition																																				
1.2) (Q4050) 20MM LINKLESS, HEI PGU-28																																				
✓	16	2011	NAVY	779.221	194.805	584.416	64.935	64.935	64.935	64.935	64.935	64.935	64.935	64.935	64.936																					-
	16	2012	NAVY	210.084 (4)	-	210.084	-	-	-	-	-	-	-	17.507	17.507	17.507	17.507	17.507	17.507	17.507	17.507	17.507	17.507	17.507									-			
	16	2013	NAVY	238.474	-	238.474	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	19.873	19.873	19.873	19.873	19.873	19.873	119.236					
✓	16	2013	NAVY	224.398	-	224.398	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	18.700	18.700	18.700	18.700	18.700	18.700	112.198					
	16	2014	NAVY	356.436	-	356.436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	356.436					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013								
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 Nomenclature: 0155 - Machine Gun Ammunition														Aggregated Item Name: Machine Gun Ammunition								
Items <i>(Units in Thousands)</i>							Fiscal Year 2015												Fiscal Year 2016													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015												Calendar Year 2016												B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
1) Machine Gun Ammunition																																
1.2) (Q4050) 20MM LINKLESS, HEI PGU-28																																
✓	16	2011	NAVY	779.221	779.221	-																										-
	16	2012	NAVY	210.084 (4)	210.084	-																										-
	16	2013	NAVY	238.474	119.238	119.236	19.873	19.873	19.873	19.873	19.872	19.872																				-
✓	16	2013	NAVY	224.398	112.200	112.198	18.700	18.700	18.700	18.700	18.699	18.699																				-
	16	2014	NAVY	356.436	-	356.436	-	-	-	-	-	-	29.703	29.703	29.703	29.703	29.703	29.703	29.703	29.703	29.703	29.703	29.703	29.703								-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0155 - Machine Gun Ammunition	Aggregated Item Name: Machine Gun Ammunition

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	GENERAL DYNAMICS OTS/ ATK - MARION, IL / LAKE CITY, MO	125.000	1,250.000	2,000.000	-	-	-	-	6	7	12	19

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

Footnotes:

⁽⁴⁾ Overlap in FY2011 and FY2012 deliveries is due to a late contract award in FY2011.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
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 Nomenclature: 0160 - Practice Bombs					
ID Code (A=Service Ready, B=Not Service Ready) : A				Program Elements for Code B Items:				Other Related Program Elements:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	694.782	35.289	34.319	37.870	-	37.870	29.854	30.241	30.804	31.358	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	694.782	35.289	34.319	37.870	-	37.870	29.854	30.241	30.804	31.358	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	694.782	35.289	34.319	37.870	-	37.870	29.854	30.241	30.804	31.358	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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: MISSION DESCRIPTION: Practice Bombs are a low cost alternative to expenditures of live bombs for training. The MK 76 Practice Bomb simulates an low-drag MK 80 series bomb. It has a 25 lb cast iron shape with a breach hole for a MK 4 or CXU-3 signal cartridge, which provides a smoke signal cartridge or flash upon impact. The MK 82 Inert is a full-scale Practice Bomb. It is a MK 80 series bomb body filled with an inert material and has the same weight, size, center of gravity and ballistics of a live bomb. These items are procured by the Army Joint Munitions Command, the Single Manager for Conventional Ammunition. 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. ELGTR provides actual hardware for aircrew and tactics development at a greatly reduced cost while maintaining LGB stockpiles. 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. The Production Engineering Support and Integrated Logistics are continuing annualized efforts associated with ongoing procurements of the Practice Bombs, associated Signal Cartridge, MK 82 Inert, MK 76, ELGTR, fins and other practice weapons and components. These efforts include: first article and quality assurance testing; production engineering support; technical manual updates; preparation/evaluation/ approval of engineering change proposals; and response to fleet inquiries. Product Improvement Program (PIP): The PIP cost element funds efforts to support investigation and implementation of alternative and innovative technologies to improve the reliability, capability and production characteristics of practice bombs, practice bomb components, guided training rounds and associated hardware also including the incorporation of engineering design changes to address												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013
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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 Nomenclature: 0160 - Practice Bombs
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

manufacturing, production and obsolescence issues to modify and improve weapon system reliability. The PIP cost element also funds forward fit and retrofit modifications to guided training rounds. 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.

The Miscellaneous Items line includes low cost items such as M70 series cables, MK 89 Adapters, Arming Wires, Lugs, Nose Plugs, containers, etc.

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Practice Bombs	P40A, P5A, P21				694.782			35.289			34.319			37.870			-			37.870
Total Gross/Weapon System Cost					694.782			35.289			34.319			37.870			-			37.870

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

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

Justification:

FY12 provides funding to procure MK 82 Inert, Enhanced Laser Guided Training Rounds and associated support.

FY13 provides funding to procure MK 82 Inert, MK76, Enhanced Laser Guided Training Rounds and associated support.

FY14 provides funding to procure MK 82 Inert, MK76, Enhanced Laser Guided Training Rounds and associated support.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
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 Nomenclature: 0160 - Practice Bombs								Aggregated Item Name: Practice Bombs					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) Procurements																					
1.1) Q1061 BDU-48	A		-	-	5.395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 1.2) Q1010 MK 76 ⁽¹⁾	A		-	-	-	-	-	-	43.00	112,651	4.844	43.99	113,662	5.000	-	-	-	43.99	113,662	5.000	
† 1.3) Q1040 MK 82 INERT ⁽²⁾	A		2,616.99	3,402	8.903	1,833.42	3,818	7.000	1,869.97	5,291	9.894	2,129.00	6,240	13.285	-	-	-	2,129.00	6,240	13.285	
† 1.4) Q1300 ELGTR	A		2,835.85	13,567	38.474	2,970.89	7,110	21.123	3,039.50	4,911	14.927	3,094.21	5,148	15.930	-	-	-	3,094.21	5,148	15.930	
Subtotal 1) Procurements					52.772			28.123			29.665			34.215			-			34.215	
2) Integrated Logistics Support																					
2.1) Q1800 MK-76	A		-	-	-	-	-	-	-	-	0.035	-	-	0.036	-	-	-	-	-	0.036	
2.2) Q1800 MK 82 INERT	A		-	-	0.075	-	-	0.026	-	-	0.027	-	-	0.028	-	-	-	-	-	0.028	
2.3) Q1800 ELGTR	A		-	-	0.152	-	-	0.132	-	-	0.080	-	-	0.082	-	-	-	-	-	0.082	
Subtotal 2) Integrated Logistics Support					0.227			0.158			0.142			0.146			-			0.146	
3) Production Engineering																					
3.1) Q1830 MK-76	A		-	-	-	-	-	-	-	-	0.385	-	-	0.404	-	-	-	-	-	0.404	
3.2) Q1830 MK 82 INERT	A		-	-	1.229	-	-	0.990	-	-	0.590	-	-	0.604	-	-	-	-	-	0.604	
3.3) Q1830 ELGTR	A		-	-	3.959	-	-	3.597	-	-	1.190	-	-	0.833	-	-	-	-	-	0.833	
Subtotal 3) Production Engineering					5.188			4.587			2.165			1.841			-			1.841	
4) Miscellaneous Support ⁽³⁾																					
4.1) Q1062 Miscellaneous Items	A		-	-	1.910	-	-	0.938	-	-	1.033	-	-	0.751	-	-	-	-	-	0.751	
4.2) Q1850 Product Improvement Program (PIP)	A		-	-	3.985	-	-	1.223	-	-	1.052	-	-	0.650	-	-	-	-	-	0.650	
4.3) Q1894 Gaging	A		-	-	0.500	-	-	0.260	-	-	0.262	-	-	0.267	-	-	-	-	-	0.267	
4.4) Prior Years	A		-	-	630.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 4) Miscellaneous Support					636.595			2.421			2.347			1.668			-			1.668	
Total					694.782			35.289			34.319			37.870			-			37.870	
Footnotes:																					
⁽¹⁾ Q1010 MK76 is procured through the Single Manager for Conventional Ammunition (SMCA) process and contracted through the Joint Munitions Command (JMC). FY13 and FY14 estimated unit cost pricing range has been provided by the JMC budget and price tool.																					
⁽²⁾ Q1040 MK-82 inert practice bomb is procured through the Single Manager for Conventional Ammunition (SMCA) process and contracted through the Joint Munitions Command (JMC). FY13 and FY14 estimated unit cost pricing range has been provided by the JMC budget and price tool.																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0160 - Practice Bombs	Aggregated Item Name: Practice Bombs

⁽³⁾ Q1850 Product Improvement Program (PIP) in FY12 was increased due to modifications efforts associated with the guided training round to meet additional requirements.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0160 - Practice Bombs					Aggregated Item Name: Practice Bombs			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Procurements												
†1.2) Q1010 MK 76		2013 ⁽⁴⁾	TBD / TBD	C / TBD	JMC, Rock Island, IL	Jul 2013	Jan 2015	112,651	43.00	Y		Feb 2013
†1.2) Q1010 MK 76		2014	TBD / TBD	C / TBD	JMC, Rock Island, IL	Jul 2014	Jan 2016	113,662	43.99	Y		Feb 2013
†1.3) Q1040 MK 82 INERT		2011 ⁽⁵⁾	General Dynamics / Garland, TX / MCAAP	SS / FP	JMC, Rock Island, IL	Feb 2012	Feb 2015	3,402	1,616.70	Y		Nov 2010
†1.3) Q1040 MK 82 INERT		2012 ⁽⁶⁾	General Dynamics / Garland, TX / MCAAP	SS / FP	JMC, Rock Island, IL	Feb 2012	Feb 2015	3,818	1,833.42	Y		Nov 2011
†1.3) Q1040 MK 82 INERT		2013 ⁽⁷⁾	General Dynamics / Garland, TX / MCAAP	SS / FP	JMC, Rock Island, IL	Apr 2013	Apr 2016	5,291	1,869.97	Y		Nov 2012
†1.3) Q1040 MK 82 INERT		2014	General Dynamics / Garland, TX / MCAAP	SS / FP	JMC, Rock Island, IL	Apr 2014	Apr 2017	6,240	2,129.00	Y		Nov 2013
†1.4) Q1300 ELGTR		2010	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River, MD	Sep 2010	Sep 2011	5,369	2,904.27	Y		Nov 2009
†1.4) Q1300 ELGTR		2011	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River, MD	Feb 2011	Aug 2012	8,198	2,791.05	Y		Nov 2009
†1.4) Q1300 ELGTR		2012	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River, MD	Mar 2012	Aug 2013	7,110	2,970.89	Y		Nov 2009
†1.4) Q1300 ELGTR		2013	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River, MD	Mar 2013	Aug 2014	4,911	3,039.50	Y		Nov 2009
†1.4) Q1300 ELGTR		2014	Lockheed Martin Corporation / Archbald, PA	C / FP	NAVAIR, Pax River	Mar 2014	Aug 2015	5,148	3,094.21	Y		Nov 2013
Footnotes: ⁽⁴⁾ FY13 base year contract award date moved from January to July 2013 due to delay in RFP release. ⁽⁵⁾ Q1040 MK-82 inert practice bomb is procured through the Single Manager for Conventional Ammunition (SMCA) process and contracted through the Joint Munitions Command (JMC). The 36 months production is a multi-phase approach which begins with the bombs being forged at General Dynamics Ordnance Tactical Systems (GDOTS) and then shipped to the McAlester Army Ammunition Plant to be filled and packaged for shipment. ⁽⁶⁾ Q1040 MK-82 inert practice bomb is procured through the Single Manager for Conventional Ammunition (SMCA) process and contracted through the Joint Munitions Command (JMC). The 36 months production is a multi-phase approach which begins with the bombs being forged at General Dynamics Ordnance Tactical Systems (GDOTS) and then shipped to the McAlester Army Ammunition Plant to be filled and packaged for shipment. ⁽⁷⁾ Q1040 MK-82 inert practice bomb is procured through the Single Manager for Conventional Ammunition (SMCA) process and contracted through the Joint Munitions Command (JMC). The 36 months production is a multi-phase approach which begins with the bombs being forged at General Dynamics Ordnance Tactical Systems (GDOTS) and then shipped to the McAlester Army Ammunition Plant to be filled and packaged for shipment. FY13 base year contract award moved from Feb to April 2013 due to delay in contract negotiations.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013											
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 Nomenclature: 0160 - Practice Bombs													Aggregated Item Name: Practice Bombs											
Items (Units in Each)							Fiscal Year 2010												Fiscal Year 2011															
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010																	Calendar Year 2011										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1) Procurements																																		
1.2) Q1010 MK 76																																		
	17	2013	NAVY	112,651 (8)	-	112,651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	112,651		
	17	2014	NAVY	113,662	-	113,662	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113,662		
1.3) Q1040 MK 82 INERT																																		
	18	2011	NAVY	3,402	-	3,402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,402		
	18	2012	NAVY	3,818	-	3,818	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,818		
	18	2013	NAVY	5,291 (9)	-	5,291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,291		
	18	2014	NAVY	6,240	-	6,240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,240		
1.4) Q1300 ELGTR																																		
	19	2010	NAVY	5,369	-	5,369	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	269	5,100		
	19	2011	NAVY	8,198	-	8,198	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	8,198		
	19	2011	♦ FMS	451	-	451	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	451		
	19	2011	TOTAL	8,649	-	8,649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,649		
	19	2012	NAVY	7,110	-	7,110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7,110		
	19	2013	NAVY	4,911	-	4,911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,911		
	19	2014	NAVY	5,148	-	5,148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,148		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013														
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 Nomenclature: 0160 - Practice Bombs													Aggregated Item Name: Practice Bombs														
Items (Units in Each)								Fiscal Year 2012												Fiscal Year 2013																	
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																		Calendar Year 2013												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
1) Procurements																																					
1.2) Q1010 MK 76																																					
	17	2013	NAVY	112,651 (8)	-	112,651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	112,651					
	17	2014	NAVY	113,662	-	113,662	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113,662					
1.3) Q1040 MK 82 INERT																																					
	18	2011	NAVY	3,402	-	3,402	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,402						
	18	2012	NAVY	3,818	-	3,818	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,818						
	18	2013	NAVY	5,291 (9)	-	5,291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	5,291						
	18	2014	NAVY	6,240	-	6,240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,240						
1.4) Q1300 ELGTR																																					
	19	2010	NAVY	5,369	269	5,100	300	-	600	450	600	600	600	450	600	600	300														-						
	19	2011	NAVY	8,198	-	8,198	-	-	-	-	-	-	-	-	-	750	750	450	450	750	450	750	600	750	900	804	794				-						
	19	2011	♦ FMS	451	-	451	-	-	-	-	-	-	-	-	-	-	41	41	41	41	41	41	41	41	41	41	41				-						
	19	2011	TOTAL	8,649	-	8,649	-	-	-	-	-	-	-	-	-	750	791	491	491	791	491	791	641	791	941	845	835				-						
	19	2012	NAVY	7,110	-	7,110	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		592	592	5,926						
	19	2013	NAVY	4,911	-	4,911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	4,911						
	19	2014	NAVY	5,148	-	5,148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,148						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013														
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 Nomenclature: 0160 - Practice Bombs													Aggregated Item Name: Practice Bombs														
Items (Units in Each)								Fiscal Year 2014												Fiscal Year 2015																	
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014																		Calendar Year 2015												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P							
1) Procurements																																					
1.2) Q1010 MK 76																																					
	17	2013	NAVY	112,651 (8)	-	112,651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,388	9,388	9,388	9,388	9,388	9,388	9,388	9,388	9,388	28,159						
	17	2014	NAVY	113,662	-	113,662	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113,662						
1.3) Q1040 MK 82 INERT																																					
	18	2011	NAVY	3,402	-	3,402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,402											-			
	18	2012	NAVY	3,818	-	3,818	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,060	1,060	1,698								-				
	18	2013	NAVY	5,291 (9)	-	5,291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,291						
	18	2014	NAVY	6,240	-	6,240	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,240						
1.4) Q1300 ELGTR																																					
	19	2010	NAVY	5,369	5,369	-																										-					
	19	2011	NAVY	8,198	8,198	-																										-					
	19	2011	♦ FMS	451	451	-																										-					
	19	2011	TOTAL	8,649	8,649	-																										-					
	19	2012	NAVY	7,110	1,184	5,926	592	592	592	592	592	592	592	592	598																		-				
	19	2013	NAVY	4,911	-	4,911	-	-	-	-	-	-	-	-	-	750	750	750	750	750	750	411											-				
	19	2014	NAVY	5,148	-	5,148	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	429	429	4,290					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L						

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013											
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 Nomenclature: 0160 - Practice Bombs														Aggregated Item Name: Practice Bombs											
Items (Units in Each)								Fiscal Year 2016														Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016																		Calendar Year 2017										
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				
1) Procurements																																			
1.2) Q1010 MK 76																																			
	17	2013	NAVY	112,651 (8)	84,492	28,159	9,388	9,388	9,383																					-					
	17	2014	NAVY	113,662	-	113,662	-	-	-	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	9,471	-						
1.3) Q1040 MK 82 INERT																																			
	18	2011	NAVY	3,402	3,402	-																					-								
	18	2012	NAVY	3,818	3,818	-																					-								
	18	2013	NAVY	5,291 (9)	-	5,291	-	-	-	-	-	-	-	2,645	2,646											-									
	18	2014	NAVY	6,240	-	6,240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,596	2,322	2,322	-						
1.4) Q1300 ELGTR																																			
	19	2010	NAVY	5,369	5,369	-																					-								
	19	2011	NAVY	8,198	8,198	-																					-								
	19	2011	♦ FMS	451	451	-																					-								
	19	2011	TOTAL	8,649	8,649	-																					-								
	19	2012	NAVY	7,110	7,110	-																					-								
	19	2013	NAVY	4,911	4,911	-																					-								
	19	2014	NAVY	5,148	858	4,290	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	429	-						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0160 - Practice Bombs	Aggregated Item Name: Practice Bombs

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TBD - TBD	-	-	-	-	10	18	28	-	-	-	-
2	General Dynamics - Garland, TX / MCAAP	7,200.00	10,800.00	45,600.00	-	7	36	43	-	7	36	43
3	Lockheed Martin Corporation - Archbald, PA	4,000.00	11,520.00	20,430.00	-	6	17	23	-	6	17	23

‡ Delivery rows marked with the ♦ symbol indicate that they are funded through a separate Line Item. See the respective components' exhibits for details, including the full delivery schedule.

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

Footnotes:

⁽⁸⁾ Date of first delivery changed due to delay in contract award.

⁽⁹⁾ Date of first delivery changed due to delay in contract award.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
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 Nomenclature: 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:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	510.954	46.716	53.755	53.764	-	53.764	55.590	56.393	57.469	58.425	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	510.954	46.716	53.755	53.764	-	53.764	55.590	56.393	57.469	58.425	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	510.954	46.716	53.755	53.764	-	53.764	55.590	56.393	57.469	58.425	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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:
Life-limited energetic devices utilized in aircraft egress and safety systems, personnel gear, and to release a weapon or other store from the aircraft - 676 distinct devices; 46,000 install and 300,000 stores release devices utilized per year in USN, MC 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.

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, and the CCU-45 (MD65) to release "heavy" weapons/stores. 10 additional distinct stores release CADs, with yearly procurements typically less than \$500K, are procured under the miscellaneous devices budget line.

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. The total number and type of devices installed varies with the type of aircraft, for example: F/A-18F(109), T-6A (65), EA-6B(45), T-45(76), T/AV-8(90), MV-22 (63) and AH-1(27). 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. The devices age at the same rate whether the aircraft is operating in a war time or peace time environment, and thus the requirement is calendar driven. Life support devices such as the Sea Water Activated Release System, 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. The budget request provides specific funding for the procurement of Thermal Battery (CWDR), MK 122 Parachute Deployment Rocket Motor (PDRM), MK 123/124 Underseat Rocket Motors (USRM), FLU-8/9/12 Inflators, JAU-74/B initiator/CCU-146/A Cartridge, F-18 DIFRS, Naval Aircrew Common Ejection Seat (NACES), F-18E/F/G and MV-22 fire suppression gas generators, and various T-6A Joint Program Aircraft Training System (JPATS) CAD/PADs. The remaining 626 distinct safety CAD/PADs, with yearly procurements typically less than \$500K, are procured under the misc devices budget line.

Integrated Logistics Support (ILS) : Efforts will provide ILS planning, maintenance standardization, supply support, other technical ILS production efforts.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 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:										
MDAP/MAIS Code(s):																				
Reliability Life: Insures that the CAD/PAD will be acceptable for the assigned service life of the unit as the units are initially fielded through the Product Improvement Program (PIP) and second source efforts. Production Engineering Support: Efforts include the development/review of procurement requests, monitoring of the production, disposition of waivers and deviations, and technical support for First Article Testing/Lot Acceptance Testing. Quality Assurance: Provides quality assurance of the product as the lot is being accepted for service use. PIP: PIPs are conducted as part of a continuing effort to correct deficiencies in areas of safety, reliability, maintainability, producibility, and to increase the service life of CAD/PADs. Acceptance Testing: Destructive and non-destructive testing of the production lot or qualification samples to insure product acceptability for service use.																				
Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Cartridge Actuated Devices/ Propellant Act Devices	P40A, P5A				510.954			46.716			53.755			53.764			-			53.764
Total Gross/Weapon System Cost					510.954			46.716			53.755			53.764			-			53.764
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																				
Justification: FY12 provides funding for JAU-22B initiator cartridge, CCU-107 Impulse cartridge, CCU-45 Impulse cartridge, Thermal Battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, FLU-8/9/12 Inflators, JAU-74 initiator/CCU-146 cartridge, NACES CADs, F-18E/F/G & V-22 Fire Suppression Gas Generators, T-6A (JPATS) CADs/PADs, other Miscellaneous CADs Under \$500k and associated support. FY13 provides funding for JAU-22B initiator cartridge, CCU-107 Impulse cartridge, CCU-45 Impulse cartridge, Thermal Battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, FLU-8/9/12 Inflators, JAU-74 initiator/CCU-146 cartridge, F-18 DIFRS, NACES CADs, F-18E/F/G & V-22 Fire Suppression Gas Generators, T-6A (JPATS) CADs/PADs, other Miscellaneous CADs Under \$500k and associated support. FY14 provides funding for JAU-22B initiator cartridge, CCU-107 Impulse cartridge, CCU-45 Impulse cartridge, Thermal Battery (CWDR), MK 122 Parachute Deploy Rocket Motor, MK 123/124 Underseat Rocket Motor, FLU-8/9/12 Inflators, JAU-74 initiator/CCU-146 cartridge, F-18 DIFRS, NACES CADs, F-18E/F/G & V-22 Fire Suppression Gas Generators, T-6A (JPATS) CADs/PADs, other Miscellaneous CADs Under \$500k and associated support.																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
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 Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices								Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) Hardware-Stores Release																					
† 1.1) (Q8090) JAU-22/ B Initiator CTG (MF64) (1)	A		20.43	150,000	3.065	27.00	20,000	0.540	26.47	44,881	1.188	27.00	40,000	1.080	-	-	-	27.00	40,000	1.080	
† 1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92) (2)	A		8.37	290,000	2.428	10.98	20,000	0.219	9.66	127,743	1.234	9.85	140,000	1.379	-	-	-	9.85	140,000	1.379	
† 1.3) (Q8201) CCU-45 Impulse CTG (MD65) (3)	A		7.33	150,000	1.100	8.60	20,000	0.172	8.87	71,364	0.633	9.05	78,720	0.712	-	-	-	9.05	78,720	0.712	
Subtotal 1) Hardware-Stores Release					6.593			0.931			3.055			3.171			-			3.171	
2) Hardware Safety																					
† 2.1) (Q8060) Thermal Battery (CWDR) (4)	A		3,956.52	368	1.456	4,252.01	147	0.625	4,337.05	167	0.723	4,423.79	199	0.880	-	-	-	4,423.79	199	0.880	
† 2.2) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSW, Indian Head	A		1,843.33	600	1.106	1,900.00	300	0.570	1,930.00	300	0.579	1,968.00	300	0.590	-	-	-	1,968.00	300	0.590	
† 2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29) (5)	A		3,495.10	1,430	4.998	4,122.00	499	2.057	3,567.58	380	1.356	2,859.34	1,056	3.019	-	-	-	2,859.34	1,056	3.019	
† 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) (6)	A		10,850.00	20	0.217	9,125.85	39	0.355	9,308.36	55	0.509	9,494.54	26	0.246	-	-	-	9,494.54	26	0.246	
† 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) (7)	A		10,166.67	6	0.061	9,125.84	75	0.684	9,308.35	108	1.007	9,494.53	34	0.322	-	-	-	9,494.53	34	0.322	
2.8) (Q8140) FLU-8/9/12 Inflators (FW98/BY81JL09)	A		-	-	4.087	-	-	2.874	-	-	3.711	-	-	2.538	-	-	-	-	-	2.538	
2.9) (Q8160) JAU-74 INIT/CCU-146 CTG (WB15/16)	A		-	-	2.757	-	-	3.205	-	-	2.594	-	-	2.505	-	-	-	-	-	2.505	
2.10) (Q8180) F-18 DIFRS (SR95/WB19) (8)	A		-	-	4.100	-	-	-	-	-	0.934	-	-	1.608	-	-	-	-	-	1.608	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices							Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
2.11) (Q8300) Navy Aircrew Common Ejection Seats	A		-	-	2.767	-	-	1.875	-	-	1.562	-	-	1.499	-	-	-	-	-	1.499
2.12) (Q8301) F-18E/ F/G & V-22 Fire Suppression Gas	A		-	-	3.177	-	-	3.080	-	-	3.692	-	-	3.105	-	-	-	-	-	3.105
2.13) (Q8302) T-6A (JPATS) CAD/PADs ⁽⁹⁾	A		-	-	6.323	-	-	1.565	-	-	5.488	-	-	5.017	-	-	-	-	-	5.017
Subtotal 2) Hardware Safety					31.940			16.890			22.155			21.329			-			21.329
3) Hardware-Misc. Devices																				
3.1) (Q8600) Misc. Devices Under \$500k ⁽¹⁰⁾	A		-	-	32.026	-	-	15.051	-	-	15.408	-	-	16.691	-	-	-	-	-	16.691
Subtotal 3) Hardware-Misc. Devices					32.026			15.051			15.408			16.691			-			16.691
4) (Q8800) Intergrated Logistics Support																				
4.1) Stores Release ILS	A		-	-	0.325	-	-	0.161	-	-	0.213	-	-	0.240	-	-	-	-	-	0.240
4.2) Safety ILS	A		-	-	1.230	-	-	0.749	-	-	0.707	-	-	0.780	-	-	-	-	-	0.780
4.3) Misc. Devices ILS	A		-	-	0.948	-	-	0.338	-	-	0.358	-	-	0.284	-	-	-	-	-	0.284
Subtotal 4) (Q8800) Intergrated Logistics Support					2.503			1.248			1.278			1.304			-			1.304
5) (Q8820) Reliability Life																				
5.1) Stores Release Reliability Life	A		-	-	0.215	-	-	0.104	-	-	0.100	-	-	0.125	-	-	-	-	-	0.125
5.2) Safety Reliability Life	A		-	-	0.813	-	-	0.495	-	-	0.360	-	-	0.312	-	-	-	-	-	0.312
5.3) Misc. Devices Reliability Life	A		-	-	0.626	-	-	0.221	-	-	0.191	-	-	0.150	-	-	-	-	-	0.150
Subtotal 5) (Q8820) Reliability Life					1.654			0.820			0.651			0.587			-			0.587
6) (Q8830) Production Engineering																				
6.1) Stores Release PES	A		-	-	1.279	-	-	0.640	-	-	0.835	-	-	1.064	-	-	-	-	-	1.064
6.2) Safety PES	A		-	-	4.838	-	-	2.944	-	-	2.776	-	-	3.225	-	-	-	-	-	3.225
6.3) Misc. Devices PES	A		-	-	3.729	-	-	0.795	-	-	0.913	-	-	0.727	-	-	-	-	-	0.727
Subtotal 6) (Q8830) Production Engineering					9.846			4.379			4.524			5.016			-			5.016
7) (Q8840) Quality Assurance																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013						
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 Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices						Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices						
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
7.1) Stores Release QA	A		-	-	0.180	-	-	0.090	-	-	0.117	-	-	0.130	-	-	-	-	-	0.130
7.2) Safety QA	A		-	-	0.680	-	-	0.410	-	-	0.419	-	-	0.454	-	-	-	-	-	0.454
7.3) Misc. Devices QA	A		-	-	0.524	-	-	0.183	-	-	0.190	-	-	0.156	-	-	-	-	-	0.156
Subtotal 7) (Q8840) Quality Assurance					1.384			0.683			0.726			0.740			-			0.740
8) (Q8850) Product Improvement																				
8.1) Stores Release PIP	A		-	-	0.778	-	-	0.383	-	-	0.507	-	-	0.579	-	-	-	-	-	0.579
8.2) Safety PIP	A		-	-	2.940	-	-	1.795	-	-	1.808	-	-	1.975	-	-	-	-	-	1.975
8.3) Misc. Devices PIP	A		-	-	2.267	-	-	0.806	-	-	0.857	-	-	0.680	-	-	-	-	-	0.680
Subtotal 8) (Q8850) Product Improvement					5.985			2.984			3.172			3.234			-			3.234
9) (Q8860) Acceptance Testing																				
9.1) Stores Release Acceptance Testing	A		-	-	0.946	-	-	0.476	-	-	0.357	-	-	0.433	-	-	-	-	-	0.433
9.2) Safety Acceptance Testing	A		-	-	3.578	-	-	2.274	-	-	1.619	-	-	0.728	-	-	-	-	-	0.728
9.3) Misc. Devices Acceptance Testing	A		-	-	2.758	-	-	0.980	-	-	0.810	-	-	0.531	-	-	-	-	-	0.531
Subtotal 9) (Q8860) Acceptance Testing					7.282			3.730			2.786			1.692			-			1.692
10) Prior Years																				
10.1) Prior To FY10	A		-	-	411.741	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 10) Prior Years					411.741			-			-			-			-			-
Total					510.954			46.716			53.755			53.764			-			53.764
Footnotes:																				
(1) FY12 unit costs were updated for actual contract award pricing. FY13 and FY14 unit costs were updated to coincide with the slightly lower unit costs of the previous years' contract awards.																				
(2) FY12 unit costs were updated for actual contract award pricing. FY13 and FY14 unit costs were updated to coincide with the slightly lower unit costs of the previous years' contract awards.																				
(3) FY12 unit costs were updated for actual contract award pricing. FY13 and FY14 unit costs were updated to coincide with the slightly lower unit costs of the previous years' contract awards. Delays in contract awards relate to production issues due to GFM. The MD65 contracts for FY10, 11 and 12 are required to meet our Non-Nuclear Ordnance Requirement (NNOR). Typically the NNOR is greater than the historical usage rate but we must try to meet the NNOR requirement as best we can to cover any contingency operations the warfighter may need to support. We do constrain our buys to the available budget and thus are always short of our NNOR. To reduce the risk of this shortage we are looking at extending the shelf life of assets in storage that will soon expire. Actual NNOR requirements are classified.																				
(4) FY12 unit costs were updated for actual contract award pricing. FY13 and FY14 unit costs were updated to coincide with the slightly lower unit costs of the previous years' contract awards.																				
(5) FY13 to FY14 decrease in unit cost for the MK 122 is due to the significant quantity increase from 371 in FY13 to 1,056 in FY14.																				
(6) FY12 unit costs were updated for actual contract award pricing. FY13 and FY14 unit costs were updated to coincide with the slightly lower unit costs of the previous years' contract awards.																				
(7) FY12 unit costs were updated for actual contract award pricing. FY13 and FY14 unit costs were updated to coincide with the slightly lower unit costs of the previous years' contract awards.																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices	Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices
⁽⁸⁾ The DFIRS increase from FY13 to FY14 is due to an increase in quantity (from 50 to 111). Requirements are determined by Requirements Determination Module which uses the number of active aircraft, Fleet usage and the unique item service life to make calculations. ⁽⁹⁾ 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. ⁽¹⁰⁾ Regarding Miscellaneous Devices, there is a specific dollar threshold for these items where CADPAD also procures Initiator and Impulse Cartridges, along with other devices. Increase in the MISC devices line is due to the Requirements Determination Module's (RDM's) latest requirement projections across the FYDP.		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices						Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) Hardware-Stores Release												
1.1) (Q8090) JAU-22/B Initiator CTG (MF64)		2012 ⁽¹¹⁾	AMTEC CORPORATION / JANESVILLE, WI	C / FP	NAVSUP	Sep 2012	Mar 2013	20,000	27.00	Y		Oct 2011
1.1) (Q8090) JAU-22/B Initiator CTG (MF64)		2013 ⁽¹²⁾	AMTEC CORPORATION / JANESVILLE, WI	C / FP	NAVSUP	Oct 2012	Jul 2013	44,881	26.47	Y		Oct 2011
1.1) (Q8090) JAU-22/B Initiator CTG (MF64)		2014	TBD / TBD	TBD	NAVSUP	Apr 2014	Apr 2015	40,000	27.00	Y		Oct 2013
1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92)		2011	Pyrotechnic Specialities / Byron, GA	C / FP	NAVSUP	Mar 2011	Jun 2012	180,000	8.01	Y		Oct 2010
1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92)		2012	Pyrotechnic Specialities / Byron, GA	C / FP	NAVSUP	Dec 2011	Jun 2012	20,000	10.98	Y		Oct 2011
1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92)		2013 ⁽¹³⁾	Pyrotechnic Specialities / Byron, GA	C / FP	NAVSUP	Dec 2012	Jun 2013	127,743	9.66	Y		Oct 2012
1.2) (Q8200) CCU-107 Impulse CTG (MT95/JM92)		2014	TBD / TBD	TBD	NAVSUP	Apr 2014	Apr 2015	140,000	9.85	Y		Oct 2013
1.3) (Q8201) CCU-45 Impulse CTG (MD65)		2010	Technical Ordnance 1, Inc / Clear Lake, SD	C / FP	NAVSUP	Sep 2010	Apr 2011	75,000	7.33	Y		Oct 2009
1.3) (Q8201) CCU-45 Impulse CTG (MD65)		2011	Technical Ordnance 1, Inc / Clear Lake, SD	C / FP	NAVSUP	Dec 2010	May 2011	75,000	7.33	Y		Oct 2010
1.3) (Q8201) CCU-45 Impulse CTG (MD65)		2012	Technical Ordnance 1, Inc / Clear Lake, SD	C / FP	NAVSUP	Nov 2011	Jul 2012	20,000	8.60	Y		Oct 2011
1.3) (Q8201) CCU-45 Impulse CTG (MD65)		2013	TBD / TBD	TBD	NAVSUP	Apr 2013	Apr 2014	71,364	8.87	Y		Oct 2012
1.3) (Q8201) CCU-45 Impulse CTG (MD65)		2014	TBD / TBD	TBD	NAVSUP	Apr 2014	Apr 2015	78,720	9.05	Y		Oct 2013
2) Hardware Safety												
2.1) (Q8060) Thermal Battery (CWDR)		2010	MARTIN-BAKER A/ CRT C / MIDDLESEX GB	C / FP	NAVAIR	Mar 2010	Apr 2011	198	3,818.18	Y		Oct 2009
2.1) (Q8060) Thermal Battery (CWDR)		2011	MARTIN-BAKER A/ CRT C / MIDDLESEX GB	C / FP	NAVAIR	Mar 2011	Feb 2012	170	4,117.65	Y		Oct 2010
2.1) (Q8060) Thermal Battery (CWDR)		2012	MARTIN-BAKER A/ CRT C / MIDDLESEX GB	C / FP	NAVAIR	May 2012	Apr 2013	147	4,252.01	Y		Oct 2011
2.1) (Q8060) Thermal Battery (CWDR)		2013	TBD / TBD	TBD	NAVAIR	Apr 2013	Apr 2014	167	4,337.05	Y		Oct 2012
2.1) (Q8060) Thermal Battery (CWDR)		2014	TBD / TBD	TBD	NAVAIR	Apr 2014	Apr 2015	199	4,423.79	Y		Oct 2013

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices					Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2.2) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSWC, Indian Head		2012	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Aug 2012	Aug 2013	300	1,900.00	Y		
2.2) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSWC, Indian Head		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jan 2013	Jan 2014	300	1,930.00	Y		
2.2) (Q2070) MK 122 Parachute Deploy RCKT (MT29) - NSWC, Indian Head		2014	NSWC INDIAN HEAD DIV / Indian Head, MD	Various	NSWC	Jan 2014	Jan 2015	300	1,968.00	Y		
2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)		2011	MARTIN-BAKER A/CRT C / MIDDLESEX, GB	C / FP	NAVSUP	Jul 2011	Aug 2012	556	3,942.45	Y		Oct 2010
2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)		2012	MARTIN-BAKER A/CRT C / MIDDLESEX, GB	C / FP	NAVSUP	Sep 2012	Apr 2013	499	4,122.00	Y		Oct 2011
2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)		2013	TBD / TBD	TBD	NAVSUP	Apr 2013	Apr 2014	380	3,567.58	Y		Oct 2012
2.3) (Q2070) MK 122 Parachute Deploy RCKT (MT29)		2014	TBD / TBD	TBD	NAVSUP	Jan 2014	Jan 2015	1,056	2,859.34	Y		Oct 2013
2.4) (Q8071) MK 123 Underseat RCKT Motor (MT30) - Reworked		2010 ⁽¹⁴⁾	MARTIN-BAKER A/ CFT / MIDDLESEX, GB	C / FP	NAVSUP	Sep 2010	Sep 2012	62	3,754.14	Y		Oct 2009
2.4) (Q8071) MK 123 Underseat RCKT Motor (MT30) - Reworked		2011	MARTIN-BAKER A/ CFT / MIDDLESEX, GB	C / FP	NAVSUP	Mar 2011	Nov 2012	29	4,246.07	Y		Oct 2010
2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)		2011 ⁽¹⁵⁾	MARTIN-BAKER A/CFT C / MIDDLESEX, GB	C / FP	NAVSUP	Jul 2011	Aug 2012	8	12,084.63	Y		Oct 2010
2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)		2012	MARTIN-BAKER A/CFT C / MIDDLESEX, GB	C / FP	NAVSUP	Feb 2012	Apr 2013	39	9,125.85	Y		Oct 2011
2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)		2013	TBD / TBD	TBD	NAVSUP	Apr 2013	Apr 2014	55	9,308.36	Y		Oct 2012
2.5) (Q8071) MK 123 Underseat RCKT Motor (MT30)		2014	TBD / TBD	TBD	NAVSUP	Apr 2014	Apr 2015	26	9,494.54	Y		Oct 2013
2.6) (Q8081) MK 124 Underseat RCKT Motor (MT31) - Reworked		2010 ⁽¹⁶⁾	MARTIN-BAKER A/CFT C / MIDDLESEX, GB	C / FP	NAVSUP	Sep 2010	Sep 2012	87	3,754.14	Y		Oct 2009
2.6) (Q8081) MK 124 Underseat RCKT Motor (MT31) - Reworked		2011 ⁽¹⁷⁾	MARTIN-BAKER A/CFT C / MIDDLESEX, GB	C / FP	NAVSUP	Mar 2011	Nov 2012	51	4,078.43	Y		Oct 2010
2.7) (Q8081) MK 124 Underseat RCKT Motor (MT31)		2012	MARTIN-BAKER A/ CFT / MIDDLESEX, GB	C / FP	NAVSUP	Feb 2012	Apr 2013	75	9,125.84	Y		Oct 2011
2.7) (Q8081) MK 124 Underseat RCKT Motor (MT31)		2013	TBD / TBD	TBD	NAVSUP	Apr 2013	Apr 2014	108	9,308.35	Y		Oct 2012
2.7) (Q8081) MK 124 Underseat RCKT Motor (MT31)		2014	TBD / TBD	TBD	NAVSUP	Apr 2014	Apr 2015	34	9,494.53	Y		Oct 2013

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0180 - Cartridge Actuated Devices/Propellant Act Devices	Aggregated Item Name: Cartridge Actuated Devices/Propellant Act Devices

Footnotes:

- (11) Award date slipped from April 2012 to September 2012 in order to increase the quantity to include the FY08 re-procurement quantity of 80,000. Adding this quantity should allow for better pricing and earlier delivery.
- (12) Contract option awarded early, updated delivery schedule provided.
- (13) Contract awarded early, updated delivery schedule provided.
- (14) Quantity of 62 units in FY10 and 29 units in FY11 of MK 123 Underseat Rocket Motors were procured as reworked units. Delivery date slipped from April 2011 to Sep 2012 due to delays with contractor receiving required metal parts/carcasses in an unacceptable condition which prevented contractor from beginning production work. These parts had to be re-fabricated which caused additional delays while waiting for new parts.
- (15) Delivery date slipped from March 2012 to Aug 2012 due to delays with contractor receiving required metal parts/carcasses which prevented contractor from beginning production work.
- (16) Quantity of 87 units in FY10 and 51 units in FY11 of MK 124 Underseat Rocket Motors were procured as reworked units. Delivery date slipped from April 2011 to Sep 2012 due to delays with contractor receiving required metal parts/carcasses in an unacceptable condition which prevented contractor from beginning production work. These parts had to be re-fabricated which caused additional delays while waiting for new parts.
- (17) Delivery date slipped from April 2011 to November 2012 due to delays with contractor receiving required metal parts/carcasses which prevented contractor from beginning production work.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

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 Nomenclature: 0182 - Air Expendable Countermeasures
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s): 418

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	858.642	80.677	81.996	67.194	-	67.194	69.851	73.451	79.627	83.323	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	858.642	80.677	81.996	67.194	-	67.194	69.851	73.451	79.627	83.323	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	858.642	80.677	81.996	67.194	-	67.194	69.851	73.451	79.627	83.323	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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 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: (a) air-launched chaff, (b) Radio Frequency (RF) Active Jammers, (c) Infra-Red (IR) decoys, (d) associated impulse cartridges, (e) F-35 Countermeasures, and (f) support costs.

Chaff Countermeasures: The RR-129/A is the operational round used on all Navy platforms. Procurement of RR-144A training rounds is in support of all airframes except the USMC KC-130J/T. The RR-144A is a dedicated training round that does not interfere with Federal Aviation Administration (FAA) tracking radars. The RR-170A is the operational round procured in support of the KC-130J/T and UC-35D.

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.

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-130 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 advanced spectral countermeasures (MJU-66) 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.

Impulse Cartridges: Used to propel the self-protection devices away from the aircraft. The CCU-136A/A is used by all airframes except the KC-130J and UC-35. The CCU-145A is used on KC-130J and UC-35 square expendables.

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.

Support costs: Provide for required Production Engineering, Product Improvement, Quality Assurance, Acceptance Test and Evaluation, and Integrated Logistic Support by NAVAIR engineering/cognizant field activities.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy															Date: April 2013				
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 Nomenclature: 0182 - Air Expendable Countermeasures									
ID Code (A=Service Ready, B=Not Service Ready) : A					Program Elements for Code B Items:					Other Related Program Elements:									
MDAP/MAIS Code(s): 418																			

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Air Expendable Countermeasures	P40A, P5A, P21				858.642			80.677			81.996			67.194			-			67.194
Total Gross/Weapon System Cost					858.642			80.677			81.996			67.194			-			67.194

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

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

Justification:

FY14 provides funding to procure Active Jammers, IR Decoys, Impulse Cartridges, Chaff Countermeasures, F-35 Countermeasures, and associated support.

FY13 provides funding to procure Active Jammers, IR Decoys, Impulse Cartridges, Chaff Countermeasures and associated support.

FY12 provides funding to procure Active Jammers, Infrared (IR) Decoys, Impulse Cartridges, Chaff Countermeasures and associated support.

Overseas Contingency Operations (OCO): All OCO funding is being used to procure countermeasure items as follows (dollars in thousands):

OCO	FY 2012	FY 2013
MJU-32	3,625	937
MJU-38		3,087
MJU-49		9,200
MJU-57	6,493	
CCU-136	3,780	1,154
CCU-145		30
MJU-61		22
MJU-64		391
SM-875	4,232	3,000
RR-129		582
ATE	1,870	1,900
TOTAL	20,000	20,303

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013					
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 Nomenclature: 0182 - Air Expendable Countermeasures								Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
1) ACTIVE JAMMERS																					
1.1) ALE-50 (AAED)	A		-	-	54.095	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 1.2) ALE-55 (FOTD) (2)	A		117,060.06	616	72.109	65,089.00	274	17.834	65,089.00	295	19.201	69,938.62	277	19.373	-	-	-	69,938.62	277	19.373	
1.3) TECHNICAL SUPPORT (ACTIVE JAMMER) ⁽³⁾	A		-	-	-	-	-	-	-	-	-	-	-	0.735	-	-	-	-	-	0.735	
Subtotal 1) ACTIVE JAMMERS					126.204			17.834			19.201			20.108			-			20.108	
2) IR DECOYS																					
† 2.1) MJU-32 ⁽⁴⁾	A		175.48	226,100	39.677	50.60	71,640	3.625	48.85	103,951	5.078	50.30	69,463	3.494	-	-	-	50.30	69,463	3.494	
† 2.2) MJU-38	A		261.18	128,205	33.484	48.68	77,259	3.761	51.43	60,023	3.087	51.65	37,309	1.927	-	-	-	51.65	37,309	1.927	
† 2.3) MJU-49 ⁽⁵⁾	A		967.01	196,985	190.486	102.72	87,489	8.987	104.47	88,064	9.200	106.35	35,695	3.796	-	-	-	106.35	35,695	3.796	
2.4) MJU-55	A		-	-	20.105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
† 2.5) MJU-57	A		710.48	74,150	52.682	144.29	55,928	8.070	146.74	53,721	7.883	149.38	47,423	7.084	-	-	-	149.38	47,423	7.084	
† 2.6) MJU-61	A		-	-	-	50.00	1,300	0.065	49.47	8,652	0.428	50.36	8,201	0.413	-	-	-	50.36	8,201	0.413	
† 2.7) MJU-64	A		-	-	-	-	-	-	89.90	4,349	0.391	91.52	480	0.044	-	-	-	91.52	480	0.044	
† 2.8) MJU-66	A		-	-	-	-	-	-	201.70	12,107	2.442	205.33	12,132	2.491	-	-	-	205.33	12,132	2.491	
† 2.9) MJU-67	A		-	-	-	-	-	-	210.99	14,631	3.087	214.79	30,239	6.495	-	-	-	214.79	30,239	6.495	
† 2.10) SM875	A		88.77	302,936	26.891	25.60	290,576	7.438	27.98	290,707	8.134	27.98	69,764	1.952	-	-	-	27.98	69,764	1.952	
Subtotal 2) IR DECOYS					363.325			31.946			39.730			27.696			-			27.696	
3) IMPULSE CARTRIDGES																					
† 3.1) CCU-136	A		32.18	1,026,185	33.022	3.58	1,635,652	5.851	3.66	931,968	3.411	3.73	403,480	1.505	-	-	-	3.73	403,480	1.505	
† 3.2) CCU-145	A		-	-	1.660	4.95	259,148	1.283	5.09	264,833	1.348	5.18	243,115	1.259	-	-	-	5.18	243,115	1.259	
Subtotal 3) IMPULSE CARTRIDGES					34.682			7.134			4.759			2.764			-			2.764	
4) CHAFF COUNTERMEASURES																					
† 4.1) RR-129 ⁽⁶⁾	A		12.81	70,360	0.901	12.82	67,575	0.866	12.82	150,818	1.933	13.04	132,000	1.721	-	-	-	13.04	132,000	1.721	
† 4.2) RR-144	A		117.01	106,276	12.435	14.36	81,476	1.170	14.99	62,508	0.937	15.26	76,213	1.163	-	-	-	15.26	76,213	1.163	
† 4.3) RR-170	A		-	-	0.336	-	-	-	-	-	-	4.08	28,431	0.116	-	-	-	4.08	28,431	0.116	
4.4) RR-188	A		-	-	0.121	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal 4) CHAFF COUNTERMEASURES					13.793			2.036			2.870			3.000			-			3.000	
5) F-35 COUNTERMEASURES ⁽⁷⁾																					
† 5.1) ALE-70 ⁽⁸⁾	A		55,494.12	340	18.868	-	-	-	-	-	-	52,402.00	40	2.096	-	-	-	52,402.00	40	2.096	

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
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 Nomenclature: 0182 - Air Expendable Countermeasures						Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾								
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 5.2) MJU-68	A		3,000.00	1,000	3.000	-	-	-	-	-	-	3,105.92	240	0.745	-	-	-	3,105.92	240	0.745
† 5.3) MJU-69	A		3,000.00	1,000	3.000	-	-	-	-	-	-	3,105.92	240	0.745	-	-	-	3,105.92	240	0.745
† 5.4) CCU-168	A		400.00	1,000	0.400	-	-	-	-	-	-	414.12	240	0.099	-	-	-	414.12	240	0.099
Subtotal 5) F-35 COUNTERMEASURES					25.268			-			-			3.685			-			3.685
6) INTEGRATED LOGISTICS SUPPORT																				
6.1) ACTIVE JAMMERS	A		-	-	1.749	-	-	0.430	-	-	0.250	-	-	0.253	-	-	-	-	-	0.253
6.2) IR DECOYS ⁽⁹⁾	A		-	-	11.410	-	-	1.866	-	-	2.072	-	-	0.514	-	-	-	-	-	0.514
6.3) IMPULSE CARTRIDGES	A		-	-	1.310	-	-	0.050	-	-	0.050	-	-	0.092	-	-	-	-	-	0.092
6.4) CHAFF COUNTERMEASURES	A		-	-	0.752	-	-	0.080	-	-	0.080	-	-	0.051	-	-	-	-	-	0.051
6.5) F-35 COUNTERMEASURES	A		-	-	0.480	-	-	-	-	-	-	-	-	0.220	-	-	-	-	-	0.220
Subtotal 6) INTEGRATED LOGISTICS SUPPORT					15.701			2.426			2.452			1.130			-			1.130
7) PRODUCTION ENGINEERING SUPPORT																				
7.1) ACTIVE JAMMERS	A		-	-	25.449	-	-	2.502	-	-	1.480	-	-	0.715	-	-	-	-	-	0.715
7.2) IR DECOYS ⁽¹⁰⁾	A		-	-	48.676	-	-	5.815	-	-	3.613	-	-	0.874	-	-	-	-	-	0.874
7.3) IMPULSE CARTRIDGES	A		-	-	4.499	-	-	0.320	-	-	0.192	-	-	0.157	-	-	-	-	-	0.157
7.4) CHAFF COUNTERMEASURES	A		-	-	2.060	-	-	0.150	-	-	0.150	-	-	0.063	-	-	-	-	-	0.063
7.5) F-35 COUNTERMEASURES	A		-	-	4.700	-	-	-	-	-	-	-	-	0.905	-	-	-	-	-	0.905
Subtotal 7) PRODUCTION ENGINEERING SUPPORT					85.384			8.787			5.435			2.714			-			2.714
8) PRODUCT IMPROVEMENT PROGRAM																				
8.1) ACTIVE JAMMERS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.2) IR DECOYS	A		-	-	77.437	-	-	3.626	-	-	3.112	-	-	2.642	-	-	-	-	-	2.642
8.3) IMPULSE CARTRIDGES	A		-	-	11.129	-	-	0.250	-	-	0.250	-	-	0.324	-	-	-	-	-	0.324
8.4) CHAFF COUNTERMEASURES	A		-	-	0.360	-	-	0.180	-	-	0.030	-	-	0.017	-	-	-	-	-	0.017
8.5) F-35 COUNTERMEASURES	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0182 - Air Expendable Countermeasures							Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 8) PRODUCT IMPROVEMENT PROGRAM					88.926			4.056			3.392			2.983			-			2.983
9) ACCEPTANCE TEST & EVALUATION																				
9.1) ACTIVE JAMMERS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.2) IR DECOYS	A		-	-	85.852	-	-	6.017	-	-	3.604	-	-	2.217	-	-	-	-	-	2.217
9.3) IMPULSE CARTRIDGES	A		-	-	14.788	-	-	0.288	-	-	0.400	-	-	0.472	-	-	-	-	-	0.472
9.4) CHAFF COUNTERMEASURES	A		-	-	4.719	-	-	0.153	-	-	0.153	-	-	0.126	-	-	-	-	-	0.126
9.5) F-35 COUNTERMEASURES	A		-	-	-	-	-	-	-	-	-	-	-	0.299	-	-	-	-	-	0.299
Subtotal 9) ACCEPTANCE TEST & EVALUATION					105.359			6.458			4.157			3.114			-			3.114
Total					858.642			80.677			81.996			67.194			-			67.194
Footnotes:																				
⁽¹⁾ (a) Unit costs for hardware in FY13 have been revised from PB-13 and reflect either escalated actual unit cost in FY12 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 Delevery Schedule) to ensure inventory goals are met without exceeding maximum production rates.																				
⁽²⁾ ALE-55: Production quantities and costs were adjusted to reflect the actual negotiated contract unit cost as of December 2012. Quantities will be adjusted accordingly as supported by the budget until the inventory objective is achieved. FY12 and FY13 (FRP 2/3) was a combined contractual procurement of 569 units in order to obtain a lower unit cost based on revised contractor pricing achieving economies of scale of two fiscal years vice a single fiscal year. FY14 (FRP 4) is a stand alone contractual procurment of 277 units resulting in higher unit cost.																				
⁽³⁾ FY 2014 Technical support (Active Jammer) was added to reflect Prime Contractor support for ALE-55 Fiber Optic Tow Decoy (FOTD) end item. Changes made to delineate between Government and Prime Contractor support.																				
⁽⁴⁾ Lower unit cost in FY13 for MJU-32's reflect step ladder pricing for increased quantities based on contract award May 2012.																				
⁽⁵⁾ FY13 has been adjusted for current execution plan. In FY13 only, MJU-49 quantity was reduced to meet POM14 Non Nuclear Ordnance Requirement (NNOR) inventory objective. Decrease in combat requirement quantities approved by War Council on 28 JAN 2013.																				
⁽⁶⁾ RR-129 line item added in accordance with new start notification letter submitted in May 2012.																				
⁽⁷⁾ (a) F-35 FY14 baseline budget transfer from F-35 APN-1 (BLIs 014700 and 015200) to DoN PANMC. (b) The F-35 grouping has been re-designated "F-35 Countermeasures" and new nomenclatures have been assigned to cost elements under this grouping. (c) F-35 Prior Years - Total Cost increase due to 2012 Internal Reprogramming processed for \$15.640M APN-1 transfer to PANMC funded by JSFPO with prior year (FY11) appropriation.																				
⁽⁸⁾ ALE-70 unit costs have been updated to reflect the actual contract negotiated costs as of 23 May 2013.																				
⁽⁹⁾ FY13 increases (ILS IR Decoys) due to MJU-32 failures at Kilgore Flares requiring processing of Class II ECP's to resolve quality and safety issues. (DMCA is tracking Kilgore as a high risk company for safety and quality).																				
⁽¹⁰⁾ FY13 increases fPES IR Decoys) due to MJU-32 failures at Kilgore Flares requiring significant increases in production engineering to resolve quality and safety issues. (DMCA is tracking Kilgore as a high risk company for safety and quality).																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0182 - Air Expendable Countermeasures					Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) ACTIVE JAMMERS												
†1.2) ALE-55 (FOTD)		2010	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Jun 2010	Oct 2011	334	61,874.00	Y		Sep 2009
†1.2) ALE-55 (FOTD)		2011	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Jul 2011	Aug 2012	282	60,849.00	Y		Sep 2010
†1.2) ALE-55 (FOTD)		2012	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Dec 2012	Aug 2013	274	65,089.00	Y		Jun 2011
†1.2) ALE-55 (FOTD)		2013	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Dec 2012	Aug 2014	295	65,089.00	Y		Jun 2012
†1.2) ALE-55 (FOTD)		2014 ⁽¹¹⁾	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVAIR	Nov 2013	Aug 2015	277	69,938.62	Y		Jun 2013
2) IR DECOYS												
†2.1) MJU-32		2010	KILGORE FLARES / TOONE, TN	C / IDIQ	NAVICP	Jan 2010	Jun 2011	26,836	48.18	Y		Oct 2009
†2.1) MJU-32	✓	2010	KILGORE FLARES / TOONE, TN	C / IDIQ	NAVICP	Jan 2010	Jul 2011	33,997	48.18	Y		Oct 2009
†2.1) MJU-32		2011	KILGORE FLARES / TOONE, TN	C / IDIQ	NAVSUP WSS	Feb 2011	Dec 2011	72,655	46.14	Y		Oct 2010
†2.1) MJU-32	✓	2011	KILGORE FLARES / TOONE, TN	C / IDIQ	NAVSUP WSS	Jun 2011	May 2012	92,612	47.51	Y		Oct 2010
†2.1) MJU-32	✓	2012	KILGORE FLARES / TOONE, TN	C / IDIQ	NAVSUP WSS	May 2012	Nov 2012	71,640	50.60	Y		Oct 2011
†2.1) MJU-32		2013	KILGORE FLARES / TOONE, TN	C / IDIQ	NAVSUP WSS	Mar 2013	May 2013	84,770	48.85	Y		Oct 2012
†2.1) MJU-32	✓	2013	KILGORE FLARES / TOONE, TN	C / IDIQ	NAVSUP WSS	Mar 2013	May 2013	19,181	48.85	Y		Oct 2012
†2.1) MJU-32		2014	KILGORE FLARES / TOONE, TN	C / IDIQ	NAVSUP WSS	Dec 2013	Feb 2014	69,463	50.30	Y		Oct 2012
2.2) MJU-38		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Mar 2011	Oct 2011	46,036	47.53	Y		Oct 2010
2.2) MJU-38	✓	2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Jul 2011	May 2012	82,169	48.68	Y		Oct 2010
2.2) MJU-38		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Dec 2011	Oct 2012	77,259	48.68	Y		Oct 2011
2.2) MJU-38	✓	2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Mar 2013	May 2013	60,023	51.43	Y		Oct 2012
2.2) MJU-38		2014	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Jan 2014	Mar 2014	37,309	51.65	Y		Oct 2012

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0182 - Air Expendable Countermeasures						Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†2.3) MJU-49		2011	ALLOY SURFACES, INC. / ASTON, PA	SS / IDIQ	NAVSUP WSS	Mar 2011	Jul 2011	74,929	98.76	Y		Oct 2010
†2.3) MJU-49	✓	2011	ALLOY SURFACES, INC. / ASTON, PA	SS / IDIQ	NAVSUP WSS	Jun 2011	Mar 2012	122,056	94.62	Y		Oct 2010
†2.3) MJU-49		2012	ALLOY SURFACES, INC. / ASTON, PA	SS / IDIQ	NAVSUP WSS	Oct 2011	Oct 2012	87,489	102.72	Y		Oct 2010
†2.3) MJU-49	✓	2013	ALLOY SURFACES, INC. / ASTON, PA	SS / IDIQ	NAVSUP WSS	Dec 2012	Mar 2013	88,064	104.47	Y		Oct 2011
†2.3) MJU-49		2014	ALLOY SURFACES, INC. / ASTON, PA	SS / IDIQ	NAVSUP WSS	Nov 2013	Jan 2014	35,695	106.35	Y		Oct 2012
†2.5) MJU-57		2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Jan 2011	Nov 2011	42,857	147.00	Y		Dec 2010
†2.5) MJU-57	✓	2011	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Jun 2011	Apr 2012	31,293	147.00	Y		Dec 2010
†2.5) MJU-57		2012	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Mar 2012	Aug 2012	10,929	144.29	Y		Dec 2011
†2.5) MJU-57	✓	2012	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Mar 2012	Oct 2012	44,999	144.29	Y		Dec 2011
†2.5) MJU-57		2013	CRANE ARMY AMMUNITION ACTIVITY / CRANE, IND	MIPR	CRANE, IN	Apr 2013	Oct 2013	53,721	146.74	Y		Dec 2012
†2.5) MJU-57		2014	TBD / TBD	C / TBD	NAVSUP WSS	Apr 2014	Oct 2014	47,423	149.38	N	Dec 2013	Dec 2013
2.6) MJU-61		2012	CAAA / NSWC CRANE, IN	MIPR	CRANE, IN	Nov 2012	Feb 2013	1,300	50.00	Y		Jan 2012
2.6) MJU-61		2013	TBD / TBD	C / TBD	TBD	Jun 2013	Feb 2014	8,207	49.47	Y		Jan 2013
2.6) MJU-61	✓	2013	TBD / TBD	C / TBD	TBD	Jun 2013	Feb 2014	445	49.47	Y		Jan 2013
2.6) MJU-61		2014	TBD / TBD	C / TBD	TBD	Jun 2014	Feb 2015	8,201	50.36	Y		Jan 2014
2.7) MJU-64	✓	2013	TBD / TBD	TBD	NAVSUP WSS	Jun 2013	Dec 2013	4,349	89.90	N	Oct 2012	Oct 2012
2.7) MJU-64		2014	TBD / TBD	TBD	NAVSUP WSS	Jun 2014	Dec 2014	480	91.52	N	Oct 2012	Oct 2013
2.8) MJU-66		2013	TBD / TBD	TBD	NAVSUP WSS	Jun 2013	Dec 2013	12,107	201.70	Y		Jan 2013
2.8) MJU-66		2014	TBD / TBD	TBD	NAVSUP WSS	Jun 2014	Dec 2014	12,132	205.33	Y		Jan 2014
†2.9) MJU-67		2013	TBD / TBD	TBD	TBD	Jun 2013	Dec 2013	14,631	210.99	N	Jan 2013	Mar 2013
†2.9) MJU-67		2014	TBD / TBD	TBD	TBD	Mar 2014	Sep 2014	30,239	214.79	N	Jan 2013	Dec 2013
†2.10) SM875		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Nov 2010	Oct 2011	23,309	25.18	Y		Jan 2010

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0182 - Air Expendable Countermeasures						Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†2.10) SM875	✓	2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Sep 2011	May 2012	279,627	25.18	Y		Jan 2010
†2.10) SM875		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Apr 2012	Mar 2013	122,506	26.17	Y		Jan 2012
†2.10) SM875	✓	2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Apr 2012	Mar 2013	168,070	25.18	Y		Jan 2012
†2.10) SM875		2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	May 2013	Oct 2013	183,488	27.98	Y		Jan 2012
†2.10) SM875	✓	2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	May 2013	Oct 2013	107,219	27.98	Y		Jan 2012
†2.10) SM875		2014	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	May 2014	Oct 2014	69,764	27.98	Y		Jan 2012
3) IMPULSE CARTRIDGES												
3.1) CCU-136		2011	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Jun 2011	Nov 2011	423,893	3.39	Y		Dec 2009
3.1) CCU-136	✓	2011	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Jun 2011	Mar 2012	602,292	3.39	Y		Dec 2009
3.1) CCU-136		2012	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Mar 2012	Jul 2012	540,000	3.84	Y		Dec 2009
3.1) CCU-136	✓	2012	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Jun 2012	Nov 2012	1,095,652	3.45	Y		Dec 2011
3.1) CCU-136		2013	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Apr 2013	Oct 2013	616,667	3.66	Y		Dec 2011
3.1) CCU-136	✓	2013	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Apr 2013	Oct 2013	315,301	3.66	Y		Dec 2011
3.1) CCU-136		2014	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Apr 2014	Aug 2014	403,480	3.73	Y		Dec 2011
3.2) CCU-145		2012	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Jun 2012	Nov 2012	259,148	4.95	Y		Dec 2011
3.2) CCU-145		2013	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Apr 2013	Sep 2013	258,939	5.09	Y		Dec 2011
3.2) CCU-145	✓	2013	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Apr 2013	Sep 2013	5,894	5.09	Y		Dec 2011
3.2) CCU-145		2014	CAPCO, INC / GRAND JUNCTION, CO	C / IDIQ	NAVSUP WSS	Apr 2014	Sep 2014	243,115	5.18	Y		Dec 2011
4) CHAFF COUNTERMEASURES												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0182 - Air Expendable Countermeasures					Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty <i>(Each)</i>	Unit Cost <i>(\$)</i>	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4.1) RR-129		2011	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Jul 2012	Feb 2013	70,360	12.81	Y		Jan 2012
4.1) RR-129		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Jul 2012	Apr 2013	67,575	12.82	Y		Jan 2012
4.1) RR-129		2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	May 2013	Dec 2013	105,420	12.82	Y		Jan 2012
4.1) RR-129	✓	2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	May 2013	Dec 2013	45,398	12.82	Y		Jan 2012
4.1) RR-129		2014	TBD / TBD	C / IDIQ	NAVSUP WSS	Mar 2014	Sep 2014	132,000	13.04	Y		Jan 2014
4.2) RR-144		2012	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Nov 2011	Feb 2012	81,476	14.36	Y		Jan 2011
4.2) RR-144		2013	ARMTEC DEFENSE, INC. / COACHELLA, CA	C / IDIQ	NAVSUP WSS	Apr 2013	Aug 2013	62,508	14.99	Y		Jan 2011
4.2) RR-144		2014	TBD / TBD	C / IDIQ	NAVSUP WSS	Apr 2014	Aug 2014	76,213	15.26	Y		Jan 2014
4.3) RR-170		2014	TBD / TBD	C / IDIQ	NAVSUP WSS	Apr 2014	Oct 2014	28,431	4.08	Y		Nov 2012
5) F-35 COUNTERMEASURES												
5.1) ALE-70		2010	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVSUP WSS	Aug 2011	Jan 2013	220	57,836.00	Y		Mar 2011
5.1) ALE-70		2011	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVSUP WSS	May 2012	Jan 2014	120	51,200.00	Y		Mar 2012
5.1) ALE-70		2014	BAE SYSTEMS / NASHUA, NH	SS / FP	NAVSUP WSS	Jun 2014	Jan 2016	40	52,402.00	Y		Mar 2013
5.2) MJU-68		2011	BAE SYSTEMS / NASHUA, NH	SS / IDIQ	NAVSUP WSS	Dec 2012	Jan 2014	1,000	3,000.00	Y		Dec 2011
5.2) MJU-68		2014	BAE SYSTEMS / NASHUA, NH	SS / IDIQ	NAVSUP WSS	May 2014	Mar 2015	240	3,105.92	Y		Dec 2013
5.3) MJU-69		2011	BAE SYSTEMS / NASHUA, NH	SS / IDIQ	NAVSUP WSS	Dec 2012	Jan 2014	1,000	3,000.00	Y		Dec 2011
5.3) MJU-69		2014	BAE SYSTEMS / NASHUA, NH	SS / IDIQ	NAVSUP WSS	May 2014	Mar 2015	240	3,105.92	Y		Dec 2013
5.4) CCU-168		2011	BAE SYSTEMS / NASHUA, NH	SS / IDIQ	NAVSUP WSS	Dec 2012	Oct 2013	1,000	400.00	Y		Dec 2011
5.4) CCU-168		2014	BAE SYSTEMS / NASHUA, NH	SS / IDIQ	NAVSUP WSS	May 2014	Mar 2015	240	414.12	Y		Dec 2013
Footnotes: ⁽¹¹⁾ FY14 (FRP 4) is a standalone contractual procurement of 277 units resulting in higher cost.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013											
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 Nomenclature: 0182 - Air Expendable Countermeasures											Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾												
Items <i>(Units in Thousands)</i>							Fiscal Year 2010											Fiscal Year 2011																
O C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010																	Calendar Year 2011										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1) ACTIVE JAMMERS																																		
1.2) ALE-55 (FOTD)																																		
	20	2010	NAVY	.334	-	.334	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.334	
	20	2011	NAVY	.282	-	.282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	.282	
	20	2012	NAVY	.274	-	.274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.274	
	20	2013	NAVY	.295	-	.295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.295	
	20	2014	NAVY	.277	-	.277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.277	
2) IR DECOYS																																		
2.1) MJU-32																																		
	21	2010	NAVY	26.836	-	26.836	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.000	-	5.000	5.000	12.836		
✓	21	2010	NAVY	33.997	-	33.997	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.000	6.000	6.000	20.997		
	21	2011	NAVY	72.655	-	72.655	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	72.655	
✓	21	2011	NAVY	92.612	-	92.612	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	92.612	
✓	21	2012	NAVY	71.640	-	71.640	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71.640	
	21	2013	NAVY	84.770	-	84.770	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84.770	
✓	21	2013	NAVY	19.181	-	19.181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.181	
	21	2014	NAVY	69.463	-	69.463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.463	
2.3) MJU-49																																		
	22	2011	NAVY	74.929	-	74.929	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	8.640	8.640	8.640	49.009		
✓	22	2011	NAVY	122.056	-	122.056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	122.056	
	22	2012	NAVY	87.489	-	87.489	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87.489	
✓	22	2013	NAVY	88.064	-	88.064	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88.064	
	22	2014	NAVY	35.695	-	35.695	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.695	
2.5) MJU-57																																		
	23	2014	NAVY	47.423	-	47.423	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.423	
	24	2011	NAVY	42.857	-	42.857	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	42.857	
✓	24	2011	NAVY	31.293	-	31.293	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	31.293	
	24	2012	NAVY	10.929	-	10.929	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.929	
✓	24	2012	NAVY	44.999	-	44.999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.999	
	24	2013	NAVY	53.721	-	53.721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.721	
2.9) MJU-67																																		
	25	2013	NAVY	14.631	-	14.631	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.631	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																					Date: April 2013											
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 Nomenclature: 0182 - Air Expendable Countermeasures														Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾											
Items <i>(Units in Thousands)</i>							Fiscal Year 2010												Fiscal Year 2011													
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010												Calendar Year 2011												B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P		
	25	2014	NAVY	30.239	-	30.239	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.239	
2.10) SM875																																
	26	2011	NAVY	23.309	-	23.309	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	23.309	
✓	26	2011	NAVY	279.627	-	279.627	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	279.627		
	26	2012	NAVY	122.506	-	122.506	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122.506	
✓	26	2012	NAVY	168.070	-	168.070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	168.070	
	26	2013	NAVY	183.488	-	183.488	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	183.488	
✓	26	2013	NAVY	107.219	-	107.219	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	107.219	
	26	2014	NAVY	69.764	-	69.764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.764	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy

Date: April 2013

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 Nomenclature:
 0182 - Air Expendable Countermeasures

Aggregated Item Name:
 Air Expendable Countermeasures ⁽¹⁾

Items (Units in Thousands)							Fiscal Year 2012														Fiscal Year 2013													
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012														Calendar Year 2013													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
1) ACTIVE JAMMERS																																		
1.2) ALE-55 (FOTD)																																		
	20	2010	NAVY	.334	-	.334	.028	.034	.034	.034	.034	.034	.034	.034	.034	.034																	-	
	20	2011	NAVY	.282	-	.282	-	-	-	-	-	-	-	-	-	-	.023	.023	.023	.024	.024	.024	.024	.024	.024	.023	.023	.023					-	
	20	2012	NAVY	.274	-	.274	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	.022	.023		.229		
	20	2013	NAVY	.295	-	.295	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	.295		
	20	2014	NAVY	.277	-	.277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.277		
2) IR DECOYS																																		
2.1) MJU-32																																		
	21	2010	NAVY	26.836	14.000	12.836	5.000	7.836																								-		
✓	21	2010	NAVY	33.997	13.000	20.997	5.997	8.000	7.000																							-		
	21	2011	NAVY	72.655	-	72.655	-	-	14.700	14.700	14.700	14.700	13.855																			-		
✓	21	2011	NAVY	92.612	-	92.612	-	-	-	-	-	-	-	14.700	14.700	14.700	14.700	14.700	14.700	4.412												-		
✓	21	2012	NAVY	71.640	-	71.640	-	-	-	-	-	-	-	A -	-	-	-	-	-	10.288	14.700	14.700	14.700	14.700	2.552							-		
	21	2013	NAVY	84.770	-	84.770	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	7.115	7.350	7.350	7.350	7.350	7.350	48.255		
✓	21	2013	NAVY	19.181	-	19.181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	4.000	4.250	4.250	4.250	4.250	2.431		-		
	21	2014	NAVY	69.463	-	69.463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.463		
2.3) MJU-49																																		
	22	2011	NAVY	74.929	25.920	49.009	8.640	8.640	8.640	8.640	8.640	5.809																				-		
✓	22	2011	NAVY	122.056	-	122.056	-	-	-	-	-	11.471	17.280	17.280	17.280	17.280	17.280	17.280	6.905													-		
	22	2012	NAVY	87.489	-	87.489	A -	-	-	-	-	-	-	-	-	-	-	-	8.640	17.280	17.280	17.280	8.640	8.640	9.729						-			
✓	22	2013	NAVY	88.064	-	88.064	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	7.339	7.339	7.339	7.339	7.339	7.339	7.339	36.691			
	22	2014	NAVY	35.695	-	35.695	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.695		
2.5) MJU-57																																		
	23	2014	NAVY	47.423	-	47.423	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.423		
	24	2011	NAVY	42.857	-	42.857	-	7.200	7.200	7.200	7.200	7.200	2.500	2.500	1.857																	-		
✓	24	2011	NAVY	31.293	-	31.293	-	-	-	-	-	-	7.200	7.200	7.200	2.000	2.000	2.000	2.000	1.693												-		
	24	2012	NAVY	10.929	-	10.929	-	-	-	-	-	A -	-	-	-	-	4.708	6.221														-		
✓	24	2012	NAVY	44.999	-	44.999	-	-	-	-	-	A -	-	-	-	-	-	-	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.749		-		
	24	2013	NAVY	53.721	-	53.721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	53.721		
2.9) MJU-67																																		
	25	2013	NAVY	14.631	-	14.631	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	14.631		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013																
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 Nomenclature: 0182 - Air Expendable Countermeasures										Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾																
Items <i>(Units in Thousands)</i>							Fiscal Year 2012										Fiscal Year 2013																			
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																	Calendar Year 2013										B A L		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
	25	2014	NAVY	30.239	-	30.239	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.239						
2.10) SM875																																				
	26	2011	NAVY	23.309	-	23.309	3.000	4.000	4.000	4.000	4.000	4.000	.309																							-
✓	26	2011	NAVY	279.627	-	279.627	-	-	-	-	-	-	-	15.360	15.360	30.720	30.720	30.720	29.552	30.720	30.720	30.720	35.035											-		
	26	2012	NAVY	122.506	-	122.506	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	11.936	7.613	7.613	7.613	7.613	7.613	12.000	60.505					
✓	26	2012	NAVY	168.070	-	168.070	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	26.397	30.720	30.720	30.720	30.720	18.793		-					
	26	2013	NAVY	183.488	-	183.488	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	183.488					
✓	26	2013	NAVY	107.219	-	107.219	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	107.219					
	26	2014	NAVY	69.764	-	69.764	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.764					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L					

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LI 0182 - Air Expendable Countermeasures
Navy

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013														
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 Nomenclature: 0182 - Air Expendable Countermeasures										Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾														
Items <i>(Units in Thousands)</i>							Fiscal Year 2014										Fiscal Year 2015																	
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014																	Calendar Year 2015										
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			
	25	2014	NAVY	30.239	-	30.239	-	-	-	-	-	A -	-	-	-	-	-	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.000	3.239		-			
2.10) SM875																																		
	26	2011	NAVY	23.309	23.309	-																										-		
✓	26	2011	NAVY	279.627	279.627	-																										-		
	26	2012	NAVY	122.506	62.001	60.505	12.000	12.000	12.000	12.000	12.505																				-			
✓	26	2012	NAVY	168.070	168.070	-																										-		
	26	2013	NAVY	183.488	-	183.488	11.488	12.500	12.500	12.500	12.500	12.500	18.100	18.100	18.100	18.100	18.100	19.000															-	
✓	26	2013	NAVY	107.219	-	107.219	3.628	5.000	5.000	5.000	5.000	5.000	13.080	13.080	13.080	13.080	13.080	13.191															-	
	26	2014	NAVY	69.764	-	69.764	-	-	-	-	-	-	-	A -	-	-	-	-	15.360	15.360	15.360	15.360	8.324											-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																			Date: April 2013																	
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 Nomenclature: 0182 - Air Expendable Countermeasures															Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾														
Items <i>(Units in Thousands)</i>							Fiscal Year 2016												Fiscal Year 2017																	
O C C O	M F R #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016												Calendar Year 2017												B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P						
1) ACTIVE JAMMERS																																				
1.2) ALE-55 (FOTD)																																				
	20	2010	NAVY		.334	.334	-																										-			
	20	2011	NAVY		.282	.282	-																										-			
	20	2012	NAVY		.274	.274	-																										-			
	20	2013	NAVY		.295	.295	-																										-			
	20	2014	NAVY		.277	.047	.230	.023	.023	.023	.023	.023	.023	.023	.023	.023	.023											-								
2) IR DECOYS																																				
2.1) MJU-32																																				
	21	2010	NAVY		26.836	26.836	-																										-			
✓	21	2010	NAVY		33.997	33.997	-																										-			
	21	2011	NAVY		72.655	72.655	-																										-			
✓	21	2011	NAVY		92.612	92.612	-																										-			
✓	21	2012	NAVY		71.640	71.640	-																										-			
	21	2013	NAVY		84.770	84.770	-																										-			
✓	21	2013	NAVY		19.181	19.181	-																										-			
	21	2014	NAVY		69.463	69.463	-																										-			
2.3) MJU-49																																				
	22	2011	NAVY		74.929	74.929	-																										-			
✓	22	2011	NAVY		122.056	122.056	-																										-			
	22	2012	NAVY		87.489	87.489	-																										-			
✓	22	2013	NAVY		88.064	88.064	-																										-			
	22	2014	NAVY		35.695	35.695	-																										-			
2.5) MJU-57																																				
	23	2014	NAVY		47.423	47.423	-																										-			
	24	2011	NAVY		42.857	42.857	-																										-			
✓	24	2011	NAVY		31.293	31.293	-																										-			
	24	2012	NAVY		10.929	10.929	-																										-			
✓	24	2012	NAVY		44.999	44.999	-																										-			
	24	2013	NAVY		53.721	53.721	-																										-			
2.9) MJU-67																																				
	25	2013	NAVY		14.631	14.631	-																										-			
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																			Date: April 2013															
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 Nomenclature: 0182 - Air Expendable Countermeasures													Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾														
Items <i>(Units in Thousands)</i>							Fiscal Year 2016										Fiscal Year 2017																	
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017										B A L							
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P			
	25	2014	NAVY	30.239	30.239	-																												-
2.10) SM875																																		
	26	2011	NAVY	23.309	23.309	-																												-
✓	26	2011	NAVY	279.627	279.627	-																												-
	26	2012	NAVY	122.506	122.506	-																												-
✓	26	2012	NAVY	168.070	168.070	-																												-
	26	2013	NAVY	183.488	183.488	-																												-
✓	26	2013	NAVY	107.219	107.219	-																												-
	26	2014	NAVY	69.764	69.764	-																												-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0182 - Air Expendable Countermeasures	Aggregated Item Name: Air Expendable Countermeasures ⁽¹⁾

MFR #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	BAE SYSTEMS - NASHUA, NH	.072	.360	.600	-	-	18	18	4	2	21	23
2	KILGORE FLARES - TOONE, TN	70.560	176.000	353.000	-	-	10	10	-	3	2	5
3	ALLOY SURFACES, INC. - ASTON, PA	60.000	207.000	259.000	-	3	3	6	-	2	2	4
4	TBD - TBD	-	-	-	-	7	6	13	-	7	6	13
5	CRANE ARMY AMMUNITION ACTIVITY - CRANE, IND	12.000	86.000	129.000	-	-	24	24	-	7	6	13
6	TBD - TBD	-	-	-	-	9	6	15	-	6	6	12
7	ARMTEC DEFENSE, INC. - COACHELLA, CA	66.000	360.000	460.000	-	-	13	13	-	8	5	13

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
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 Nomenclature: 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:				
MDAP/MAIS Code(s):													
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total	
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Cost <i>(\$ in Millions)</i>	53.640	2.766	2.776	2.749	-	2.749	2.857	2.906	2.970	3.012	Continuing	Continuing	
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Net Procurement (P1) <i>(\$ in Millions)</i>	53.640	2.766	2.776	2.749	-	2.749	2.857	2.906	2.970	3.012	Continuing	Continuing	
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Total Obligation Authority <i>(\$ in Millions)</i>	53.640	2.766	2.776	2.749	-	2.749	2.857	2.906	2.970	3.012	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>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-	
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: Jet Assisted Take Off (JATOs) are relatively small solid propellant rocket motors used to launch target drones. Two MK117s are used to launch one BQM 74C target. The only JATO currently in production is the MK117 MOD 0.													

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Jet Assisted Take Off (JATOs)	P40A, P5A				53.640			2.766			2.776			2.749			-			2.749
Total Gross/Weapon System Cost					53.640			2.766			2.776			2.749			-			2.749

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

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

Justification:	
The FY 2012 baseline provides funding for MK117 procurement and associated support costs.	
The FY 2013 baseline provides funding for MK117 procurement and associated support costs.	
The FY 2014 baseline provides funding for MK117 procurement and associated support costs.	

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 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:
MDAP/MAIS Code(s):		
Other Cost includes Product Improvement, Logistics and System Engineering Support. Safety and reliability product improvement to qualify alternative hardware.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0194 - Jet Assisted Take Off (JATOs)								Aggregated Item Name: Jet Assisted Take Off (JATOs)				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) JATO																				
† 1.1) Mk 117 MOD O ROCKET MOTORS	A		44,475.28	890	39.583	5,309.73	339	1.800	5,400.90	444	2.398	5,661.21	422	2.389	-	-	-	5,661.21	422	2.389
<i>Subtotal 1) JATO</i>					39.583			1.800			2.398			2.389			-			2.389
2) Support																				
2.1) OTHER COSTS ⁽¹⁾	A		-	-	14.057	-	-	0.966	-	-	0.378	-	-	0.360	-	-	-	-	-	0.360
<i>Subtotal 2) Support</i>					14.057			0.966			0.378			0.360			-			0.360
Total					53.640			2.766			2.776			2.749			-			2.749

Footnotes:
⁽¹⁾ Other Cost includes Product Improvement, Logistics and System Engineering Support. Safety and reliability product improvement to qualify alternative hardware.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0194 - Jet Assisted Take Off (JATOs)						Aggregated Item Name: Jet Assisted Take Off (JATOs)			
Items	OCO	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) JATO												
1.1) Mk 117 MOD O ROCKET MOTORS		2010	NSWC INDIAN HEAD DIV / Indian Head, MD	PO	NSWC	Oct 2009	Oct 2010	488	4,870.90	Y		
1.1) Mk 117 MOD O ROCKET MOTORS		2011	NSWC INDIAN HEAD DIV / Indian Head, MD	PO	NSWC	Oct 2010	Oct 2011	402	4,974.09	Y		
1.1) Mk 117 MOD O ROCKET MOTORS		2012	NSWC INDIAN HEAD DIV / Indian Head, MD	PO	NSWC	Oct 2011	Oct 2012	339	5,309.73	Y		
1.1) Mk 117 MOD O ROCKET MOTORS		2013	NSWC INDIAN HEAD DIV / Indian Head, MD	PO	NSWC	Oct 2012	Oct 2013	444	5,400.90	Y		
1.1) Mk 117 MOD O ROCKET MOTORS		2014	NSWC INDIAN HEAD DIV / Indian Head, MD	PO	NSWC	Oct 2013	Oct 2014	422	5,661.21	Y		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

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 Nomenclature: 0198 - LRLAP 6 inch Long Range Attack Projectile
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements: 0204202N
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MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	0.000	-	7.102	3.906	-	3.906	18.832	32.015	31.039	56.028	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	0.000	-	7.102	3.906	-	3.906	18.832	32.015	31.039	56.028	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	0.000	-	7.102	3.906	-	3.906	18.832	32.015	31.039	56.028	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>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

Procurement of the Long Range Land Attack Projectile (LRLAP) to support DDG-1000 Class destroyer munitions requirements. LRLAP is a gun launched rocket assisted guided projectile that uses a GPS-based guidance system and a unitary warhead. Propelling charges are used to launch LRLAP and LRLAP shapes. LRLAP is an integral part of the Advanced Gun System (AGS).

[P40A / AM100 HARDWARE]: Four (4) hardware items will be procured: LRLAP (EX-187 guided projectile), LRLAP Propelling charges, LRLAP containers (EX-813 Munitions Container), and LRLAP Shapes. Initial year funding supports tooling fabrication and production to establish cost effective production 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. FY2014 funds support the procurement of munitions containers required in advance of procurement of LRLAP rounds. Buying lot quantity ten (10) in a single year is more cost efficient than procuring in smaller quantities on an annual basis.

[P40A / AM830 PRODUCTION ENGINEERING]: Funds requested support fabrication of hardware tooling that support production and assembly, support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering functions, which are integral to an item's manufacture.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
LONG RANGE ATTACK PROJECTILE (LRLAP)	P40A, P5A, P21				0.000			-			7.102			3.906			-			3.906

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
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 Nomenclature: 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									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Total Gross/Weapon System Cost				0.000			-			7.102			3.906			-			3.906		
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification:																					

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0198 - LRLAP 6 inch Long Range Attack Projectile									Aggregated Item Name: LONG RANGE ATTACK PROJECTILE (LRLAP)					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) AM100 HARDWARE																				
1.1) LRLAP PRODUCTION NON-RECURRING	A		-	-	-	-	-	-	-	-	7.102	-	-	-	-	-	-	-	-	-
1.2) LRLAP (EX-187)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) LRLAP SHAPES	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.4) MUNITIONS CONTAINER (EX-813) (1)	A		-	-	-	-	-	-	-	-	-	309,000.00	10	3.090	-	-	-	309,000.00	10	3.090
1.5) PROPELLING CHARGE	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) AM100 HARDWARE					0.000			-			7.102			3.090			-			3.090
2) AM830 PRODUCTION ENGINEERING																				
2.1) PRODUCTION ENGINEERING	A		-	-	-	-	-	-	-	-	-	-	-	0.816	-	-	-	-	-	0.816
Subtotal 2) AM830 PRODUCTION ENGINEERING					-			-			-			0.816			-			0.816
Total					0.000			-			7.102			3.906			-			3.906
Footnotes: (1) Containers (production lead time is 18 months from order to receipt) are required prior to delivery of rounds.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy										Date: April 2013			
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 Nomenclature: 0198 - LRLAP 6 inch Long Range Attack Projectile						Aggregated Item Name: LONG RANGE ATTACK PROJECTILE (LRLAP)			
Items († indicates the presence of a P-21)	OC O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date	
1) AM100 HARDWARE													
†1.4) MUNITIONS CONTAINER (EX-813)		2014	BAE SYSTEMS / MINNESOTA	SS / FFP	NAVSEA	Jun 2014	Dec 2015	10	309,000.00	Y		Oct 2013	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013											
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 Nomenclature: 0198 - LRLAP 6 inch Long Range Attack Projectile													Aggregated Item Name: LONG RANGE ATTACK PROJECTILE (LRLAP)											
Items (Units in Each)							Fiscal Year 2014													Fiscal Year 2015														
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014													Calendar Year 2015													BAL	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1) AM100 HARDWARE																																		
1.4) MUNITIONS CONTAINER (EX-813)																																		
	27	2014	NAVY	10	-	10	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013											
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 Nomenclature: 0198 - LRLAP 6 inch Long Range Attack Projectile													Aggregated Item Name: LONG RANGE ATTACK PROJECTILE (LRLAP)											
Items <i>(Units in Each)</i>							Fiscal Year 2016													Fiscal Year 2017														
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016													Calendar Year 2017													B A L	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
1) AM100 HARDWARE																																		
1.4) MUNITIONS CONTAINER (EX-813)																																		
	27	2014	NAVY	10	-	10	-	-	10																									-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0198 - LRLAP 6 inch Long Range Attack Projectile	Aggregated Item Name: LONG RANGE ATTACK PROJECTILE (LRLAP)

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	BAE SYSTEMS - MINNESOTA	1.00	25.00	75.00	6	9	18	27	6	6	18	24

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
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 Nomenclature: 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:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	96.983	10.901	48.320	24.151	-	24.151	37.240	42.537	55.480	56.360	Continuing	Continuing
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	96.983	10.901	48.320	24.151	-	24.151	37.240	42.537	55.480	56.360	Continuing	Continuing
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	96.983	10.901	48.320	24.151	-	24.151	37.240	42.537	55.480	56.360	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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: PROGRAM DESCRIPTION/JUSTIFICATION: 5"/54 ammunition is fired from cruiser and destroyer class surface combatant against air, surface, and shore targets. Program procures three types of propelling charges, two types of high-explosive projectiles, two specialty projectiles, two pure training rounds and several ancillary rounds (dummy, gage and test). AC100 - PROCUREMENT The funds are required to procure 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 year of execution. AC830 - PRODUCTION ENGINEERING Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering functions which are integral to an item's manufacture. AC850 - PRODUCT IMPROVEMENT The requested funds provide 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 {tab}within the current performance envelope. Typically, such improvements take advantage of technology refresh of the materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications. AC893 - 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. AC894 - GAUGE REQUIREMENTS These funds are required to procure the gauges and test equipment necessary 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. AC895 - NON-STANDARD ITEMS												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy	Date: April 2013
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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 Nomenclature:

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:

MDAP/MAIS Code(s):

The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.

ACG86 - OVERSEAS CONTINGENCY OPERATIONS (OCO)

Ammunition being procured with OCO funding.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5 Inch/54 Gun Ammunition	P40A, P5A, P21				96.983			10.901			48.320			24.151			-			24.151
Total Gross/Weapon System Cost					96.983			10.901			48.320			24.151			-			24.151

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

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

Justification:

FY12 UNIT PRICING REFLECTS EXECUTED CONTRACTS.

FY13 UNIT PRICING REFLECTS PB-13 AND WILL BE UPDATED DURING THE NEXT BUDGET CYCLE TO REFLECT EXECUTED CONTRACT PRICING.

FY14 UNIT PRICING IS ESCALATED FROM FY12 IAW OSD INFLATION FACTOR.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0250 - 5 Inch/54 Gun Ammunition								Aggregated Item Name: 5 Inch/54 Gun Ammunition					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) AC100 5"/54 AMMUNITION HARDWARE																				
† 1.1) 5"54 CHG, PROP, CLEARING, MK65 (D296)	A		-	-	-	-	-	-	-	-	-	1,077.98	218	0.235	-	-	-	1,077.98	218	0.235
† 1.2) 5"54 CHG, PROP, FULL (D326)	A		1,052.17	2,300	2.420	985.07	8,307	8.183	872.51	20,504	17.890	1,031.71	16,965	17.503	-	-	-	1,031.71	16,965	17.503
1.3) PROJ, 5"/54 KE-ET (DA15)	A		-	-	16.092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.4) 5"54 PROJ, BLP/ T (D349)	A		-	-	-	-	-	-	416.99	3,072	1.281	426.09	5,520	2.352	-	-	-	426.09	5,520	2.352
† 1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)	A		1,882.78	13,488	25.395	-	-	-	1,954.46	12,362	24.161	-	-	-	-	-	-	-	-	-
1.6) MK 9 CARTRIDGE CASE (DDCC)	A		-	-	1.489	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) MK45 PRIMERS (N641)	A		-	-	7.381	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) TRANSPORTATION ACCT CODE	A		-	-	0.942	-	-	0.229	-	-	0.443	-	-	0.303	-	-	-	-	-	0.303
1.9) PE/QA SMCA ⁽¹⁾	A		-	-	0.217	-	-	0.266	-	-	0.463	-	-	0.165	-	-	-	-	-	0.165
Subtotal 1) AC100 5"/54 AMMUNITION HARDWARE							53.936			8.678			44.238			20.558			-	20.558
2) AC830 PRODUCTION ENGINEERING ⁽²⁾																				
2.1) PRODUCTION ENGINEERING	A		-	-	16.078	-	-	1.844	-	-	2.942	-	-	2.497	-	-	-	-	-	2.497
Subtotal 2) AC830 PRODUCTION ENGINEERING							16.078			1.844			2.942			2.497			-	2.497
3) AC850 PRODUCT IMPROVEMENT																				
3.1) PRODUCT IMPROVEMENT ⁽³⁾	A		-	-	12.419	-	-	0.275	-	-	0.740	-	-	0.781	-	-	-	-	-	0.781
Subtotal 3) AC850 PRODUCT IMPROVEMENT							12.419			0.275			0.740			0.781			-	0.781
4) AC893 RENOVATION COMPONENTS																				
4.1) RENOVATION COMPONENTS	A		-	-	12.294	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0250 - 5 Inch/54 Gun Ammunition								Aggregated Item Name: 5 Inch/54 Gun Ammunition				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 4) AC893 RENOVATION COMPONENTS					12.294			-			-			-			-			-
5) AC894 GAUGE REQUIREMENTS																				
5.1) GAUGE REQUIREMENTS	A		-	-	1.830	-	-	0.104	-	-	0.400	-	-	0.315	-	-	-	-	-	0.315
Subtotal 5) AC894 GAUGE REQUIREMENTS					1.830			0.104			0.400			0.315			-			0.315
6) AC895 NON-STANDARD																				
6.1) NON-STANDARD	A		-	-	0.426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) AC895 NON-STANDARD					0.426			-			-			-			-			-
Total					96.983			10.901			48.320			24.151			-			24.151

Footnotes:

- (1) FY2013 PE/QA additional funds are provided for DA48 procurement support.
- (2) FY2012 reduction of \$1M for Support Funding Carryover.
- (3) FY2013 and out product improvement funding will address obsolescence of electronic components in DA48 fuze.

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
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 Nomenclature: 0250 - 5 Inch/54 Gun Ammunition					Aggregated Item Name: 5 Inch/54 Gun Ammunition				
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) AC100 5"/54 AMMUNITION HARDWARE												
†1.1) 5"54 CHG, PROP, CLEARING, MK65 (D296)		2014	MCALESTER AAP / MCALESTER, OK	C / FFP	JMC ROCK ISLAND	Mar 2014	Feb 2016	218	1,077.98	N	Mar 2013	Nov 2013
†1.2) 5/54 CHG, PROP, FULL (D326)		2012	MCALESTER AAP / MCALESTER, OK	C / FFP	JMC ROCK ISLAND	Mar 2012	Feb 2014	8,307	985.07	Y		Nov 2011
†1.2) 5/54 CHG, PROP, FULL (D326)		2013	MCALESTER AAP / MCALESTER, OK	C / FFP	JMC ROCK ISLAND	Jun 2013	Sep 2014	20,504	872.51	Y		Nov 2012
†1.2) 5/54 CHG, PROP, FULL (D326)		2014	MCALESTER AAP / MCALESTER, OK	C / FFP	JMC ROCK ISLAND	Mar 2014	Sep 2015	16,965	1,031.71	Y		Nov 2013
†1.4) 5"54 PROJ, BLP/T (D349)		2013	CRANE ARMY AMMUNITION ACTIVITY / NSWC CRANE, IND	C / FFP	JMC ROCK ISLAND	Jun 2013	Jan 2015	3,072	416.99	Y		Nov 2012
†1.4) 5"54 PROJ, BLP/T (D349)		2014	CRANE ARMY AMMUNITION ACTIVITY / NSWC CRANE, IND	C / FFP	JMC ROCK ISLAND	Mar 2014	Jan 2016	5,520	426.09	Y		Nov 2013
†1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)		2011 ⁽⁴⁾	CAAA / NSWC CRANE, IN	C / FFP	JMC ROCK ISLAND	Aug 2011	Jan 2015	13,488	1,882.78	Y		Jun 2011
†1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)		2013	CAAA / NSWC CRANE, IN	C / FFP	JMC ROCK ISLAND	Jun 2013	Oct 2015	12,362	1,954.46	Y		Nov 2012
Footnotes: ⁽⁴⁾ FINAL ASSEMBLY NOT PLANNED TO START UNTIL ALL COMPONENTS ARE RECEIVED.												

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013											
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 Nomenclature: 0250 - 5 Inch/54 Gun Ammunition												Aggregated Item Name: 5 Inch/54 Gun Ammunition											
Items <i>(Units in Thousands)</i>								Fiscal Year 2011												Fiscal Year 2012															
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011																		Calendar Year 2012										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1) AC100 5"/54 AMMUNITION HARDWARE																																			
1.1) 5"54 CHG, PROP, CLEARING, MK65 (D296)																																			
	28	2014	NAVY	.218	-	.218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.218				
1.2) 5/54 CHG, PROP, FULL (D326)																																			
All Prior Years Deliveries: 2300																																			
	29	2012	NAVY	8.307	-	8.307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	8.307			
	29	2014	NAVY	16.965	-	16.965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.965			
	30	2013	NAVY	20.504	-	20.504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.504			
1.4) 5"54 PROJ, BLP/T (D349)																																			
	31	2013	NAVY	3.072	-	3.072	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.072			
	31	2014	NAVY	5.520	-	5.520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.520			
1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)																																			
	32	2011	NAVY	13.488	-	13.488	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.488			
	33	2013	NAVY	12.362	-	12.362	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.362			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013												
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 Nomenclature: 0250 - 5 Inch/54 Gun Ammunition													Aggregated Item Name: 5 Inch/54 Gun Ammunition												
Items (Units in Thousands)							Fiscal Year 2013													Fiscal Year 2014															
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013																Calendar Year 2014												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
1) AC100 5"/54 AMMUNITION HARDWARE																																			
1.1) 5"54 CHG, PROP, CLEARING, MK65 (D296)																																			
	28	2014	NAVY	.218	-	.218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	.218			
1.2) 5/54 CHG, PROP, FULL (D326)																																			
All Prior Years Deliveries: 2300																																			
	29	2012	NAVY	8.307	-	8.307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.307								-			
	29	2014	NAVY	16.965	-	16.965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	16.965			
	30	2013	NAVY	20.504	-	20.504	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.000	10.504			
1.4) 5"54 PROJ, BLP/T (D349)																																			
	31	2013	NAVY	3.072	-	3.072	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.072			
	31	2014	NAVY	5.520	-	5.520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	5.520			
1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)																																			
	32	2011	NAVY	13.488	-	13.488	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.488			
	33	2013	NAVY	12.362	-	12.362	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.362			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013														
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 Nomenclature: 0250 - 5 Inch/54 Gun Ammunition														Aggregated Item Name: 5 Inch/54 Gun Ammunition														
Items <i>(Units in Thousands)</i>							Fiscal Year 2015												Fiscal Year 2016																			
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015																		Calendar Year 2016										B A L			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P								
1) AC100 5"/54 AMMUNITION HARDWARE																																						
1.1) 5"54 CHG, PROP, CLEARING, MK65 (D296)																																						
	28	2014	NAVY	.218	-	.218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.195							.023							
1.2) 5/54 CHG, PROP, FULL (D326)																																						
All Prior Years Deliveries: 2300																																						
	29	2012	NAVY	8.307	8.307	-																									-							
	29	2014	NAVY	16.965	-	16.965	-	-	-	-	-	-	-	-	-	-	-	10.000	6.497	.468											-							
	30	2013	NAVY	20.504	10.000	10.504	7.643	2.861																								-						
1.4) 5"54 PROJ, BLP/T (D349)																																						
	31	2013	NAVY	3.072	-	3.072	-	-	-	3.072																									-			
	31	2014	NAVY	5.520	-	5.520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.896											.624					
1.5) 5"/54 PROJ, MULTI OPTION FUZE (DA48)																																						
	32	2011	NAVY	13.488	-	13.488	-	-	-	2.000	2.000	2.000	2.000	2.000	2.000	1.488																						-
	33	2013	NAVY	12.362	-	12.362	-	-	-	-	-	-	-	-	-	-	-	4.000	4.000	4.000	.362											-						
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L							

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0250 - 5 Inch/54 Gun Ammunition	Aggregated Item Name: 5 Inch/54 Gun Ammunition

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	MCALESTER AAP - MCALESTER, OK	5.000	60.000	120.000	6	6	23	29	6	6	23	29
2	MCALESTER AAP - MCALESTER, OK	5.000	60.000	120.000	6	6	23	29	6	6	18	24
3	MCALESTER AAP - MCALESTER, OK	5.000	60.000	120.000	6	6	12	18	6	6	15	21
4	CRANE ARMY AMMUNITION ACTIVITY - NSWC CRANE, IND	3.000	36.000	60.000	6	6	19	25	6	6	22	28
5	CAAA - NSWC CRANE, IN	3.000	24.000	30.000	6	6	41	47	6	6	23	29
6	CAAA - NSWC CRANE, IN	3.000	24.000	30.000	6	6	28	34	6	6	23	29

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
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 Nomenclature: 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:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	49.453	1.112	25.544	33.080	-	33.080	37.759	45.917	46.967	47.648	-	287.480
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	49.453	1.112	25.544	33.080	-	33.080	37.759	45.917	46.967	47.648	-	287.480
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	49.453	1.112	25.544	33.080	-	33.080	37.759	45.917	46.967	47.648	-	287.480
<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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: PROGRAM DESCRIPTION/JUSTIFICATION: The intermediate caliber cartridge is a family of fixed rounds of 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. The program procures High Explosive service rounds as well as Target Practice and dummy rounds for this GWS. AL100 - PROCUREMENT The funds are required to procure complete rounds and conduct acceptance tests. Cost associated with Transportation Account Code (TAC) are for first destination of delivery of production items. Unit costs and quantities will be adjusted during year of execution. AL830 - PRODUCTION ENGINEERING Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering functions which are integral to an item's manufacture. AL850 - PRODUCT IMPROVEMENT The requested funds provide 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. Typically, such improvements take advantage of technology refresh of the materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications. AL894 - GAUGE REQUIREMENTS These funds are required to procure, maintain and review the gauges and test equipment necessary 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. AL895 - NON -STANDARD ITEMS												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

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 Nomenclature: 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:
---	---	--

MDAP/MAIS Code(s):

The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items. Ammo procured with these funds is procured both through Single Manager for Conventional Ammunition (SMCA) and Naval Surface Warfare Centers. The most recent SMCA standard/non-standard price list has been used in pricing the SMCA-procured ammo. Pricing Non-SMCA items has been developed using engineering estimates and recent contract pricing.

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Intermediate Caliber Gun Ammo	P40A, P5A, P21				49.453			1.112			25.544			33.080			-			33.080
Total Gross/Weapon System Cost					49.453			1.112			25.544			33.080			-			33.080

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

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

Justification:

FY13 UNIT PRICING REFLECTS PB-13 AND WILL BE UPDATED DURING THE NEXT BUDGET CYCLE TO REFLECT EXECUTED CONTRACT PRICING.

FY14 UNIT PRICING REFLECTS BUDGET ESTIMATE LEVERAGING TRANSITION OF MANUFACTURING FOR COMPONENTS AND LOAD, ASSEMBLE, PACKAGING OF ALL UP ROUND TO U.S. INDUSTRIAL BASE.

Note: FY14 increase of 6.379 from PB13 is to fund shipfill and War Reserve Munitions Requirement for Navy's dual award strategy to procure 10 additional LCS ships.

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0266 - Intermediate Caliber Gun Ammo								Aggregated Item Name: Intermediate Caliber Gun Ammo				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) AL100 TRANSPORTATION ACCOUNT CODE																				
1.1) TRANSPORTATION ACCOUNT CODE	A		-	-	0.063	-	-	-	-	-	0.055	-	-	0.061	-	-	-	-	-	0.061
<i>Subtotal 1) AL100 TRANSPORTATION ACCOUNT CODE</i>					0.063			-			0.055			0.061			-			0.061
2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE																				
† 2.1) CART., 57MM DUMMY, RAMMABLE (BA31)	A		-	-	-	-	-	-	1,721.05	380	0.654	-	-	-	-	-	-	-	-	-
† 2.2) CART., 57MM, 3P MK295 (BA22)	A		5,582.14	2,800	15.630	-	-	-	6,528.91	3,615	23.602	4,113.38	6,324	26.013	-	-	-	4,113.38	6,324	26.013
† 2.3) CART., 57MM TP MK296 (BA23)	A		2,837.77	9,869	28.006	-	-	-	-	-	-	1,505.16	3,684	5.545	-	-	-	1,505.16	3,684	5.545
<i>Subtotal 2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</i>					43.636			-			24.256			31.558			-			31.558
3) AL830 PRODUCTION ENGINEERING ⁽¹⁾																				
3.1) PRODUCTION ENGINEERING	A		-	-	5.388	-	-	1.068	-	-	1.180	-	-	1.404	-	-	-	-	-	1.404
<i>Subtotal 3) AL830 PRODUCTION ENGINEERING</i>					5.388			1.068			1.180			1.404			-			1.404
4) AL894 GAUGE REQUIREMENTS																				
4.1) GAUGE REQUIREMENTS	A		-	-	0.366	-	-	0.044	-	-	0.053	-	-	0.057	-	-	-	-	-	0.057
<i>Subtotal 4) AL894 GAUGE REQUIREMENTS</i>					0.366			0.044			0.053			0.057			-			0.057
Total					49.453			1.112			25.544			33.080			-			33.080
Footnotes: ⁽¹⁾ FY2014 increase attributed to additional acquisition engineering support required for competitive MK296 (BA23) procurement to be executed in FY2014.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
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 Nomenclature: 0266 - Intermediate Caliber Gun Ammo					Aggregated Item Name: Intermediate Caliber Gun Ammo				
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE												
†2.1) CART., 57MM DUMMY, RAMMABLE (BA31)		2013	TBD / TBD	C / FFP	NSWC-IH	Jun 2013	Jan 2014	380	1,721.05	Y		Mar 2013
†2.2) CART., 57MM, 3P MK295 (BA22)		2010	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Mar 2012	Aug 2014	2,400	5,582.08	Y		Jul 2010
†2.2) CART., 57MM, 3P MK295 (BA22)		2011	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Mar 2012	Aug 2014	400	5,582.50	Y		Jul 2010
†2.2) CART., 57MM, 3P MK295 (BA22)		2013	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Aug 2013	Jun 2015	3,615	6,528.91	Y		Mar 2013
†2.2) CART., 57MM, 3P MK295 (BA22)		2014	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Mar 2014	Sep 2015	6,324	4,113.38	Y		Oct 2013
†2.3) CART., 57MM TP MK296 (BA23)		2010	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Mar 2012	Jul 2014	3,000	2,042.33	Y		Jul 2010
†2.3) CART., 57MM TP MK296 (BA23)		2011	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	Mar 2012	Jul 2014	6,869	2,042.22	Y		Jul 2010
†2.3) CART., 57MM TP MK296 (BA23)		2014	TBD / TBD	C / FFP	NSWC-IH	Mar 2014	Sep 2015	3,684	1,505.16	Y		Oct 2013

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013										
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 Nomenclature: 0266 - Intermediate Caliber Gun Ammo													Aggregated Item Name: Intermediate Caliber Gun Ammo										
Items (Units in Each)							Fiscal Year 2012													Fiscal Year 2013													
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012													Calendar Year 2013													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE																																	
2.1) CART., 57MM DUMMY, RAMMABLE (BA31)																																	
	34	2013	NAVY	380	-	380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	380
2.2) CART., 57MM, 3P MK295 (BA22)																																	
	35	2010	NAVY	2,400	-	2,400	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,400
	35	2011	NAVY	400	-	400	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400
	36	2013	NAVY	3,615	-	3,615	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	3,615
	36	2014	NAVY	6,324	-	6,324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,324
2.3) CART., 57MM TP MK296 (BA23)																																	
	37	2010	NAVY	3,000	-	3,000	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,000
	37	2011	NAVY	6,869	-	6,869	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,869
	38	2014	NAVY	3,684	-	3,684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,684
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013												
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 Nomenclature: 0266 - Intermediate Caliber Gun Ammo													Aggregated Item Name: Intermediate Caliber Gun Ammo												
Items (Units in Each)							Fiscal Year 2014												Fiscal Year 2015																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014																		Calendar Year 2015										
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				
2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE																																			
2.1) CART., 57MM DUMMY, RAMMABLE (BA31)																																			
	34	2013	NAVY	380	-	380	-	-	-	380																				-					
2.2) CART., 57MM, 3P MK295 (BA22)																																			
	35	2010	NAVY	2,400	-	2,400	-	-	-	-	-	-	-	-	-	2,400														-					
	35	2011	NAVY	400	-	400	-	-	-	-	-	-	-	-	-	400														-					
	36	2013	NAVY	3,615	-	3,615	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,615			-				
	36	2014	NAVY	6,324	-	6,324	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,124	200				
2.3) CART., 57MM TP MK296 (BA23)																																			
	37	2010	NAVY	3,000	-	3,000	-	-	-	-	-	-	-	-	-	3,000														-					
	37	2011	NAVY	6,869	-	6,869	-	-	-	-	-	-	-	-	-	4,076	2,793													-					
	38	2014	NAVY	3,684	-	3,684	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,684	-				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013															
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 Nomenclature: 0266 - Intermediate Caliber Gun Ammo										Aggregated Item Name: Intermediate Caliber Gun Ammo															
Items (Units in Each)							Fiscal Year 2016													Fiscal Year 2017															
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016													Calendar Year 2017													B A L		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE																																			
2.1) CART., 57MM DUMMY, RAMMABLE (BA31)																																			
	34	2013	NAVY	380	380	-																												-	
2.2) CART., 57MM, 3P MK295 (BA22)																																			
	35	2010	NAVY	2,400	2,400	-																												-	
	35	2011	NAVY	400	400	-																												-	
	36	2013	NAVY	3,615	3,615	-																												-	
	36	2014	NAVY	6,324	6,124	200	200																												-
2.3) CART., 57MM TP MK296 (BA23)																																			
	37	2010	NAVY	3,000	3,000	-																												-	
	37	2011	NAVY	6,869	6,869	-																												-	
	38	2014	NAVY	3,684	3,684	-																												-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0266 - Intermediate Caliber Gun Ammo	Aggregated Item Name: Intermediate Caliber Gun Ammo

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TBD - TBD	2,300.00	7,500.00	15,000.00	6	6	12	18	6	6	7	13
2	BAE SYSTEMS - MINNESOTA	10,000.00	12,600.00	35,280.00	6	6	27	33	6	6	29	35
3	BAE SYSTEMS - MINNESOTA	10,000.00	12,600.00	35,280.00	6	6	22	28	6	6	18	24
4	BAE SYSTEMS - MINNESOTA	2,300.00	7,500.00	15,000.00	6	6	28	34	6	6	19	25
5	TBD - TBD	2,300.00	7,500.00	15,000.00	6	6	18	24	6	6	27	33

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
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 Nomenclature: 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:				
MDAP/MAIS Code(s): 374,443												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	75.940	19.200	42.156	40.398	-	40.398	45.709	48.145	49.390	50.075	-	371.013
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	75.940	19.200	42.156	40.398	-	40.398	45.709	48.145	49.390	50.075	-	371.013
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	75.940	19.200	42.156	40.398	-	40.398	45.709	48.145	49.390	50.075	-	371.013
<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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: PROGRAM DESCRIPTION/JUSTIFICATION: The OSGA program consists of 40 medium caliber types of gun ammunition (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. AG100/AG200 - PROCUREMENT The funds are required to procure 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 year of execution. AG830 - PRODUCTION ENGINEERING Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering functions which are integral to an item's manufacture. AG850 - PRODUCT IMPROVEMENT The requested funds provide 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. Typically, such improvements take advantage of technology refresh of the materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications. AG894 - GAUGE REQUIREMENTS These funds are required to procure the gauges and test equipment necessary 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. AG895 - NON-STANDARD ITEMS The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items.												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy							Date: April 2013		
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 Nomenclature: 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:		
---	--	--	---	--	--	--	--	--	--

MDAP/MAIS Code(s): 374,443

AGNSW - PROCUREMENT
The funds are required to procure 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 Navy common items. Unit costs and quantities will be adjusted during year of execution.

NS830 - PRODUCTION ENGINEERING
Funds requested provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering functions which are integral to an item's manufacture. All ammo procured with these funds is procured through the Single Manager Conventional Ammunition (SMCA) and the most recent SMCA standard/non-standard price list has been used in pricing the ammo.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Navy	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	19.146	42.101	40.343	-	40.343	45.651	48.086	49.331	50.015
NR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.054	0.055	0.055	-	0.055	0.058	0.059	0.059	0.060

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Other Ship Gun Ammunition	P40A, P5A, P21				75.940			19.200			42.156			40.398			-			40.398
Total Gross/Weapon System Cost					75.940			19.200			42.156			40.398			-			40.398

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

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

Justification:
EXPLANATIONS OF MAJOR CHANGES FROM PB13 TO PB14 (FY14):

3.5(B546) CTG 40MM HEDP - Canceled buy. Due to higher priority requirement funds were applied to 25LR procurement.
PB13 SUBMIT: 58.87/UNIT COST
39170/QTY
\$2.306/TOTAL COST
PB14 SUBMIT: DELETED

1.2(25LR) CART., 25MM LONG ROD - Existing inventory does not support requirements. Additional procurement required. Critical Item.
PB13 SUBMIT: N/A - UNIT COST

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 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:
MDAP/MAIS Code(s): 374,443		
0/QTY \$0/TOTAL COST PB14 SUBMIT: 67.49/UNIT COST 35730/QTY \$2.074/TOTAL COST 3.2(B519) CTG., 40MM PRAC., M79 F/M203 - Canceled buy. Due to higher priority requirement funds were applied to AB44 procurement. PB13 SUBMIT: 4.93/UNIT COST 40000/QTY \$197K/TOTAL COST PB14 SUBMIT: DELETED 3.3(B535) CTG 40MM M583A1 - Canceled buy. Due to higher priority requirement funds were applied to AB44 procurement. PB13 SUBMIT: 54.00/UNIT COST 10000/QTY \$540K/TOTAL COST PB14 SUBMIT: DELETED 3.4(B542) CTG, 40MM, FIXED, HE - Canceled buy. Due to higher priority requirement funds were applied to AB44 procurement. PB13 SUBMIT: 42.75/UNIT COST 41056/QTY \$1.755K/TOTAL COST PB14 SUBMIT: DELETED 2.3(AB44) CARTRIDGE, 30MM X 173, LINKED - Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: 139.30 - UNIT COST 20000/QTY \$2.786/TOTAL COST PB14 SUBMIT: 130.08/UNIT COST 39930/QTY \$5.194K/TOTAL COST 3.9(BA26) CTG 40MM, 300M NLWM - Canceled buy. Due to higher priority requirement funds were applied to AB51 procurement. PB13 SUBMIT: 51.20/UNIT COST 20000/QTY \$1.024K/TOTAL COST PB14 SUBMIT: DELETED 2.1(AB51) CART., 30MM APFSDS-T - Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: 335.00 - UNIT COST 39179/QTY \$13.125K/TOTAL COST		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 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:
MDAP/MAIS Code(s): 374,443 PB14 SUBMIT: 334.72/UNIT COST 43120/QTY \$14.433K/TOTAL COST FY12 UNIT PRICING REFLECTS EXECUTED CONTRACTS. FY13 UNIT PRICING REFLECTS PB-13 AND WILL BE UPDATED DURING THE NEXT BUDGET CYCLE TO REFLECT EXECUTED CONTRACT PRICING. FY14 UNIT PRICING IS ESCALATED FROM FY12 IAW OSD INFLATION FACTOR. SEA00NSW EXPLANATIONS OF MAJOR CHANGES FROM PB13 TO PB14 (FY14): 12.1) CTG, 60 MM HE MAPAM, XM1061, W/FUZE M734A1 (BA29)-Increased buy. Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: ZERO PB14 SUBMIT: 1529.41/UNIT 272/QTY \$0.416K TOTAL COST 12.4) CTG,40MM PRAC, M79/F/M203 (B519)-Canceled buy due to decrease in requirements. Funds applied to BA29 procurement. PB13 SUBMIT: 4.93/UNIT 60,000/QTY \$0.295K TOTAL COST PB14 SUBMIT: DELETED		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0270 - Other Ship Gun Ammunition						Aggregated Item Name: Other Ship Gun Ammunition								
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) (AG100) 25MM CARTRIDGES																				
1.1) CART., 25MM HEI-T/SAPHEI-T (AA98)	A		-	-	0.399	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 1.2) CART., 25MM LONG ROD (25LR)	A		117.78	45,000	5.300	-	-	-	-	-	-	67.49	30,730	2.074	-	-	-	67.49	30,730	2.074
1.3) CTG, 25MM, TP-T, M793 (A976)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 1) (AG100) 25MM CARTRIDGES					5.699			-			-			2.074			-			2.074
2) (AG100) 30MM CARTRIDGES																				
† 2.1) CART., 30MM APFSDS-T (AB51) ⁽¹⁾	A		413.23	19,800	8.182	-	-	-	325.00	38,461	12.500	334.72	43,120	14.433	-	-	-	334.72	43,120	14.433
† 2.2) CART., 30MM TP-T LKD (AA90) ⁽²⁾	A		8.08	62,892	0.508	33.92	76,324	2.589	26.90	20,000	0.538	-	-	-	-	-	-	-	-	-
† 2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)	A		76.93	91,083	7.007	-	-	-	137.00	20,000	2.740	130.08	39,930	5.194	-	-	-	130.08	39,930	5.194
Subtotal 2) (AG100) 30MM CARTRIDGES					15.697		2.589			15.778				19.627			-			19.627
3) (AG100) 40MM GRENADE CARTRIDGES																				
† 3.1) CTG., 40MM, GREEN STAR PARACH (B504)	A		-	-	-	86.07	6,820	0.587	-	-	-	-	-	-	-	-	-	-	-	-
† 3.2) CTG., 40MM PRAC., M79 F/M203 (B519)	A		3.30	105,600	0.349	-	-	-	4.97	40,000	0.199	-	-	-	-	-	-	-	-	-
† 3.3) CTG 40MM M583A1 (B535)	A		41.86	36,168	1.514	52.13	11,836	0.617	54.50	10,000	0.545	-	-	-	-	-	-	-	-	-
† 3.4) CTG, 40MM, FIXED, HE (B542)	A		34.81	86,528	3.012	-	-	-	42.00	50,000	2.100	-	-	-	-	-	-	-	-	-
† 3.5) CTG 40MM HEDP (B546)	A		-	-	-	48.26	14,112	0.681	56.68	42,236	2.394	-	-	-	-	-	-	-	-	-
† 3.6) CTG, 40MM, FIXED, PRAC., F/MK (B576)	A		14.81	781,272	11.569	15.62	137,282	2.144	17.88	150,000	2.682	18.26	164,776	3.009	-	-	-	18.26	164,776	3.009
† 3.7) CTG, 40MM, BLANK, SAL 200 GRAMS BRASS (B650)	A		-	-	-	63.20	5,000	0.316	65.00	14,000	0.910	-	-	-	-	-	-	-	-	-
† 3.8) CTG, 40MM BLANK SAL 50 GRAMS STEEL (B550)	A		-	-	-	-	-	-	65.00	5,000	0.325	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0270 - Other Ship Gun Ammunition							Aggregated Item Name: Other Ship Gun Ammunition					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 3.9) CTG 40MM, 300M NLWM (BA26)	A		27.35	50,018	1.368	-	-	-	50.35	20,000	1.007	-	-	-	-	-	-	-	-	-
Subtotal 3) (AG100) 40MM GRENADE CARTRIDGES					17.812			4.345			10.162			3.009			-			3.009
4) (AG100) OTHER SHIP GUN AMMUNITION MAT.																				
4.1) TRANSPORTATION ACCT CODE	A		-	-	0.741	-	-	0.385	-	-	0.415	-	-	0.430	-	-	-	-	-	0.430
4.2) PE/QA SMCA	A		-	-	0.523	-	-	0.252	-	-	0.881	-	-	0.444	-	-	-	-	-	0.444
Subtotal 4) (AG100) OTHER SHIP GUN AMMUNITION MAT.					1.264			0.637			1.296			0.874			-			0.874
5) (AG200) 20MM CARTRIDGES																				
† 5.1) CART., 20MM DUMMY, M51A4N (AA20)	A		10.00	98,400	0.984	-	-	-	9.75	60,000	0.585	9.92	60,000	0.595	-	-	-	9.92	60,000	0.595
† 5.2) CART., 20MM MK 244 ELC (AA61) ⁽³⁾	A		30.59	994,952	30.436	39.96	147,500	5.894	37.42	300,000	11.226	39.38	291,000	11.460	-	-	-	39.38	291,000	11.460
Subtotal 5) (AG200) 20MM CARTRIDGES					31.420			5.894			11.811			12.055			-			12.055
6) (AG200) OTHER SHIP GUN AMMUNITION MAT.																				
6.1) PE/QA SMCA-AG200	A		-	-	0.110	-	-	-	-	-	0.142	-	-	0.143	-	-	-	-	-	0.143
Subtotal 6) (AG200) OTHER SHIP GUN AMMUNITION MAT.					0.110			-			0.142			0.143			-			0.143
7) (AG830) PRODUCTION ENGINEERING ⁽⁴⁾																				
7.1) PRODUCTION ENGINEERING	A		-	-	3.879	-	-	1.773	-	-	1.732	-	-	2.173	-	-	-	-	-	2.173
Subtotal 7) (AG830) PRODUCTION ENGINEERING					3.879			1.773			1.732			2.173			-			2.173
8) (AG850) PRODUCT IMPROVEMENT																				
8.1) PRODUCT IMPROVEMENT	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 8) (AG850) PRODUCT IMPROVEMENT					0.000			-			-			-			-			-
9) (AG893) RENOVATION COMPONENTS																				

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0270 - Other Ship Gun Ammunition										Aggregated Item Name: Other Ship Gun Ammunition				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
9.1) RENOVATION COMPONENTS	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) (AG893) RENOVATION COMPONENTS</i>					0.000			-			-			-			-			-
10) (AG894) GAUGE REQUIREMENTS																				
10.1) GAUGE REQUIREMENTS	A		-	-	0.059	-	-	0.025	-	-	0.032	-	-	0.033	-	-	-	-	-	0.033
<i>Subtotal 10) (AG894) GAUGE REQUIREMENTS</i>					0.059			0.025			0.032			0.033			-			0.033
11) (AG895) NON-STANDARD																				
11.1) Non-Standard	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 11) (AG895) NON-STANDARD</i>					0.000			-			-			-			-			-
12) (AGNSW) GRENADE CARTRIDGES																				
† 12.1) CTG, 60 MM HE MAPAM, XM1061, W/ FUZE M734A1 (BA29)	A		-	-	-	1,529.41	1,400	2.141	-	-	-	1,576.92	260	0.410	-	-	-	1,576.92	260	0.410
12.2) CTG., 40MM ILLUMINATION, WHITE STAR CLUST (B536)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 12.3) CTG, 40MM, FIXED, PRAC., F/MK (B576)	A		-	-	-	15.64	78,836	1.233	17.86	44,350	0.792	-	-	-	-	-	-	-	-	-
† 12.4) CTG., 40MM PRAC., M79/F/M203 (B519)	A		-	-	-	4.10	85,000	0.348	4.97	60,000	0.298	-	-	-	-	-	-	-	-	-
12.5) CTG., 40MM HIGH VELOCITY TP MK 281 MOD 0 (BA12)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.6) CTG., 40MM PRAC., DAY/NIGHT MARKING MK (BA21)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 12) (AGNSW) GRENADE CARTRIDGES</i>					0.000			3.722			1.090			0.410			-			0.410
13) (NS830) PRODUCTION ENGINEERING																				
13.1) Production Engineering	A		-	-	-	-	-	0.215	-	-	0.113	-	-	-	-	-	-	-	-	-
<i>Subtotal 13) (NS830) PRODUCTION ENGINEERING</i>					-			0.215			0.113			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0270 - Other Ship Gun Ammunition									Aggregated Item Name: Other Ship Gun Ammunition					
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Total					75.940			19.200			42.156			40.398			-			40.398

Footnotes:

- (1) FY2014 AB51 unit cost increase attributed to non-binding pricing information received during market research conducted in April 2012.
- (2) FY2013 unit cost assumes AA90 will be part of a combined medium caliber ammunition procurement via the SMCA.
- (3) FY2014 AA61 unit cost increase attributed to first article test cost associated with new production contract.
- (4) Additional production engineering required in FY2014 to support the award of new competitive contracts (20MM, 25MM, and 30MM).

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0270 - Other Ship Gun Ammunition					Aggregated Item Name: Other Ship Gun Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) (AG100) 25MM CARTRIDGES												
1.2) CART., 25MM LONG ROD (25LR)		2011	ALLIANT TECH / ATK	C / FFP	PICATINNY ARSENAL	Feb 2013	Jan 2014	45,000	117.78	Y		Mar 2012
1.2) CART., 25MM LONG ROD (25LR)		2014	TBD / TBD	C / FFP	PICATINNY ARSENAL	Mar 2014	Apr 2015	30,730	67.49	N	Mar 2013	Oct 2013
2) (AG100) 30MM CARTRIDGES												
†2.1) CART., 30MM APFSDS-T (AB51)		2011	GENERAL DYNAMICS OTS / MARION, IL	C / FFP	PICATINNY ARSENAL	Feb 2013	Jan 2014	19,800	351.26	Y		Mar 2012
†2.1) CART., 30MM APFSDS-T (AB51)		2013	TBD / TBD	C / FFP	PICATINNY ARSENAL	Jun 2013	Sep 2014	38,461	325.00	Y		Jan 2013
†2.1) CART., 30MM APFSDS-T (AB51)		2014	TBD / TBD	C / FFP	NSWC IHD	Mar 2014	Feb 2015	43,120	334.72	Y		Oct 2013
2.2) CART., 30MM TP-T LKD (AA90)		2011	ALLIANT TECH / ATK	C / FFP	JMC ROCK ISLAND	Feb 2012	Mar 2013	62,892	32.95	Y		Nov 2011
2.2) CART., 30MM TP-T LKD (AA90)		2012	ALLIANT TECH / ATK	C / FFP	JMC ROCK ISLAND	Feb 2012	Apr 2013	76,324	33.92	Y		Nov 2011
2.2) CART., 30MM TP-T LKD (AA90)		2013	TBD / TBD	C / FFP	JMC ROCK ISLAND	Mar 2013	Dec 2014	20,000	26.90	Y		Sep 2012
†2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)		2011	ALLIANT TECH / ATK	C / FFP	JMC ROCK ISLAND	Jan 2013	Sep 2014	55,200	126.94	Y		Jul 2012
†2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)		2013	TBD / TBD	C / FFP	JMC ROCK ISLAND	Mar 2013	Nov 2014	20,000	137.00	Y		Dec 2012
†2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)		2014	TBD / TBD	C / FFP	JMC ROCK ISLAND	Jan 2014	Sep 2015	39,930	130.08	Y		Oct 2013
3) (AG100) 40MM GRENADE CARTRIDGES												
3.1) CTG., 40MM, GREEN STAR PARACH (B504)		2012	DSE INC / TAMPA, FL	C / FFP	JMC ROCK ISLAND	Oct 2012	Sep 2013	6,820	86.07	Y		Dec 2011
3.2) CTG., 40MM PRAC., M79 F/ M203 (B519)		2010	DSE INC - FL / AMTEC - WI	C / FFP	JMC ROCK ISLAND	Mar 2010	Dec 2012	60,300	3.38	Y		Nov 2009
3.2) CTG., 40MM PRAC., M79 F/ M203 (B519)		2011	DSE INC - FL / AMTEC - WI	C / FFP	JMC ROCK ISLAND	Aug 2011	Sep 2013	45,300	3.20	Y		Oct 2010
3.2) CTG., 40MM PRAC., M79 F/ M203 (B519)		2013	DSE INC - FL / AMTEC - WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Jan 2015	40,000	4.97	Y		Nov 2012
3.3) CTG 40MM M583A1 (B535)		2010	DSE INC - FL / AMTEC - WI	C / FFP	JMC ROCK ISLAND	Mar 2010	Dec 2012	16,544	40.26	Y		Oct 2009
3.3) CTG 40MM M583A1 (B535)		2011	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2011	Sep 2013	19,624	43.21	Y		Oct 2010

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0270 - Other Ship Gun Ammunition						Aggregated Item Name: Other Ship Gun Ammunition			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3.3) CTG 40MM M583A1 (B535)		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Oct 2012	Mar 2014	11,836	52.13	Y		Dec 2011
3.3) CTG 40MM M583A1 (B535)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Jan 2015	10,000	54.50	Y		Nov 2012
3.4) CTG, 40MM, FIXED, HE (B542)		2010	DSE INC - FL / AMTEC - WI	C / FFP	JMC ROCK ISLAND	Mar 2010	Jun 2012	66,400	35.00	Y		Oct 2009
3.4) CTG, 40MM, FIXED, HE (B542)	✓	2010	DSE INC - FL / AMTEC - WI	C / FFP	JMC ROCK ISLAND	Mar 2010	Jun 2012	20,128	35.00	Y		Feb 2010
3.4) CTG, 40MM, FIXED, HE (B542)		2013	DSE INC - FL / AMTEC - WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Jul 2015	40,000	42.00	Y		Nov 2012
3.4) CTG, 40MM, FIXED, HE (B542)	✓	2013	DSE INC - FL / AMTEC - WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Jul 2015	10,000	42.00	Y		Dec 2012
3.5) CTG 40MM HEDP (B546)		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Jan 2012	Dec 2013	14,112	48.26	Y		Dec 2011
3.5) CTG 40MM HEDP (B546)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Jul 2015	40,260	56.68	Y		Nov 2012
3.5) CTG 40MM HEDP (B546)	✓	2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Jul 2015	1,976	56.68	Y		Feb 2013
†3.6) CTG, 40MM, FIXED, PRAC., F/MK (B576)		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2012	Mar 2014	125,472	15.64	Y		Dec 2011
†3.6) CTG, 40MM, FIXED, PRAC., F/MK (B576)	✓	2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Jul 2012	Jun 2015	11,810	15.41	Y		Dec 2011
†3.6) CTG, 40MM, FIXED, PRAC., F/MK (B576)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2015	150,000	17.88	Y		Nov 2012
†3.6) CTG, 40MM, FIXED, PRAC., F/MK (B576)		2014	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Jan 2014	Sep 2016	164,776	18.26	Y		Nov 2013
3.7) CTG, 40MM, BLANK, SAL 200 GRAMS BRASS (B650)		2012	MCALESTER AAP / MCALESTER, OK	MIPR	JMC ROCK ISLAND	Nov 2012	May 2014	5,000	63.20	Y		Aug 2012
3.7) CTG, 40MM, BLANK, SAL 200 GRAMS BRASS (B650)		2013	MCALESTER AAP / MCALESTER, OK	MIPR	JMC ROCK ISLAND	Nov 2012	May 2014	14,000	65.00	Y		Aug 2012
3.8) CTG, 40MM BLANK SAL 50 GRAMS STEEL (B550)		2013	MCALESTER AAP / MCALESTER, OK	MIPR	JMC ROCK ISLAND	Nov 2012	May 2014	5,000	65.00	Y		Aug 2012
3.9) CTG 40MM, 300M NLWM (BA26)	✓	2010	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	NSWC CRANE	Jul 2010	Dec 2010	50,018	27.35	Y		Oct 2009
3.9) CTG 40MM, 300M NLWM (BA26)		2013	TBD / TBD	C / FFP	JMC ROCK ISLAND	Mar 2013	Mar 2015	20,000	50.35	Y		Nov 2012
5) (AG200) 20MM CARTRIDGES												

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy								Date: April 2013				
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 Nomenclature: 0270 - Other Ship Gun Ammunition					Aggregated Item Name: Other Ship Gun Ammunition				
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
5.1) CART., 20MM DUMMY, M51A4N (AA20)		2011 ⁽⁵⁾	ATK / Mesa, AZ	C / FFP	NSWC IHD	Apr 2012	Oct 2012	98,400	10.00	Y		Jun 2011
5.1) CART., 20MM DUMMY, M51A4N (AA20)		2013 ⁽⁶⁾	TBD / TBD	C / FFP	NSWC IHD	May 2013	Mar 2015	60,000	9.75	Y		Jan 2013
5.1) CART., 20MM DUMMY, M51A4N (AA20)		2014	TBD / TBD	C / FFP	NSWC IHD	Jan 2014	Mar 2016	60,000	9.92	Y		Oct 2013
†5.2) CART., 20MM MK 244 ELC (AA61)		2012	GD-OTS / MARION, IL	C / FFP	JMC ROCK ISLAND	Jul 2012	Jan 2013	147,500	39.96	Y		Apr 2012
†5.2) CART., 20MM MK 244 ELC (AA61)		2013 ⁽⁷⁾	GD-OTS :: ATK-Lake City / Marion, IL :: Independence, MO	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2015	300,000	37.42	Y		Dec 2012
†5.2) CART., 20MM MK 244 ELC (AA61)		2014	TBD / TBD	C / FFP	JMC ROCK ISLAND	Jan 2014	Sep 2016	291,000	39.38	Y		Oct 2013
12) (AGNSW) GRENADE CARTRIDGES												
12.1) CTG, 60 MM HE MAPAM, XM1061, W/FUZE M734A1 (BA29)		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	C / TBD	NSWC CRANE	Jun 2012	Dec 2013	1,400	1,529.41	Y		Dec 2011
12.1) CTG, 60 MM HE MAPAM, XM1061, W/FUZE M734A1 (BA29)		2014	PINE BLUFF ARSENAL / PINE BLUFF, AR	C / TBD	NSWC CRANE	Jun 2014	Dec 2015	260	1,576.92	Y		Jan 2014
12.3) CTG, 40MM, FIXED, PRAC., F/MK (B576)		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Jun 2012	Nov 2013	78,836	15.64	Y		Dec 2011
12.3) CTG, 40MM, FIXED, PRAC., F/MK (B576)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2013	Oct 2014	44,350	17.86	Y		Nov 2012
12.4) CTG., 40MM PRAC., M79/F/ M203 (B519)		2012	AMTEC CORPORATION / JANESVILLE, WI	C / FFP	JMC ROCK ISLAND	Mar 2012	Jan 2013	85,000	4.10	Y		Dec 2011
12.4) CTG., 40MM PRAC., M79/F/ M203 (B519)		2013	AMTEC CORPORATION / JANESVILLE, WI	C / TBD	JMC ROCK ISLAND	Oct 2012	Aug 2013	60,000	4.97	N		Oct 2012
Footnotes: ⁽⁵⁾ FY11 (AA20) funds will modify an existing contract. ⁽⁶⁾ FY13 (AA20) funds will be placed on a new contract . ⁽⁷⁾ MK244 CONTRACT IS A SPLIT AWARD BETWEEN ATK, LAKE CITY, MO AND GD-OTS, MARION, ILL												

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013												
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 Nomenclature: 0270 - Other Ship Gun Ammunition													Aggregated Item Name: Other Ship Gun Ammunition												
Items <i>(Units in Thousands)</i>						Fiscal Year 2010													Fiscal Year 2011																
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010																		Calendar Year 2011										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
2) (AG100) 30MM CARTRIDGES																																			
2.1) CART., 30MM APFSDS-T (AB51)																																			
	39	2013	NAVY	38.461	-	38.461	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.461				
	40	2011	NAVY	19.800	-	19.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.800				
	41	2014	NAVY	43.120	-	43.120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.120				
2.3) CARTRIDGE, 30MM X 173, LINKED (AB44)																																			
All Prior Years Deliveries: 35883																																			
	42	2011	NAVY	55.200	-	55.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.200				
	43	2013	NAVY	20.000	-	20.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.000				
	43	2014	NAVY	39.930	-	39.930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.930				
3) (AG100) 40MM GRENADE CARTRIDGES																																			
3.6) CTG, 40MM, FIXED, PRAC., F/MK (B576)																																			
All Prior Years Deliveries: 781272																																			
	44	2012	NAVY	125.472	-	125.472	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	125.472				
	45	2014	NAVY	164.776	-	164.776	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	164.776				
✓	46	2012	NAVY	11.810	-	11.810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.810				
	47	2013	NAVY	150.000	-	150.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	150.000				
5) (AG200) 20MM CARTRIDGES																																			
5.2) CART., 20MM MK 244 ELC (AA61)																																			
All Prior Years Deliveries: 994952																																			
	48	2012	NAVY	147.500	-	147.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	147.500				
	49	2013	NAVY	300.000	-	300.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300.000				
	50	2014	NAVY	291.000	-	291.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	291.000				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

UNCLASSIFIED

LI 0270 - Other Ship Gun Ammunition
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LI 0270 - Other Ship Gun Ammunition
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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0270 - Other Ship Gun Ammunition	Aggregated Item Name: Other Ship Gun Ammunition

MFR #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	TBD - TBD	.070	.840	1,700.000	6	6	15	21	6	6	15	21
2	GENERAL DYNAMICS OTS - MARION, IL	.070	.840	1,700.000	6	6	11	17	6	6	15	21
3	TBD - TBD	.070	.840	1,700.000	6	6	11	17	6	6	15	21
4	ALLIANT TECH - ATK	.070	840.000	1,700.000	6	6	20	26	6	6	17	23
5	TBD - TBD	.070	840.000	1,700.000	6	6	20	26	6	6	17	23
6	AMTEC CORPORATION - JANESVILLE, WI	.070	840.000	1,700.000	6	6	24	30	6	6	18	24
7	AMTEC CORPORATION - JANESVILLE, WI	.070	840.000	1,700.000	6	6	32	38	6	6	20	26
8	AMTEC CORPORATION - JANESVILLE, WI	.070	840.000	1,700.000	6	6	35	41	6	6	20	26
9	AMTEC CORPORATION - JANESVILLE, WI	.070	840.000	1,700.000	6	6	30	36	6	6	20	26
10	GD-OTS - MARION, IL	.070	840.000	1,700.000	6	6	6	12	6	6	12	18
11	GD-OTS :: ATK-Lake City - Marion, IL :: Independence, MO	.070	840.000	1,700.000	6	6	30	36	6	6	13	19
12	TBD - TBD	.070	840.000	1,700.000	6	6	32	38	6	6	12	18

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013		
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 Nomenclature: 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:				
MDAP/MAIS Code(s):												
Resource Summary	Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	103.031	56.349	68.536	61.219	-	61.219	57.052	58.581	60.058	60.817	-	525.643
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	103.031	56.349	68.536	61.219	-	61.219	57.052	58.581	60.058	60.817	-	525.643
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	103.031	56.349	68.536	61.219	-	61.219	57.052	58.581	60.058	60.817	-	525.643
<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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date Description: PROGRAM DESCRIPTION/JUSTIFICATION: This program provides ammunition in support of active Navy ships and for active and reserve ashore warfare forces. AH100 - PROCUREMENT Procure 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 year of execution. AH830 - PRODUCTION ENGINEERING Provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture. AH895 - NON-STANDARD ITEMS The non-standard line is to support procurement of ammunition training aids and initial procurements of required non type classified munition items. AH350 - MATCH AMMUNITION Special Ammunition required to support Navy approved marksmanship competition matches. AHG86 - OVERSEAS CONTINGENCY OPERATIONS (OCO) SUPPLEMENTAL Ammunition being procured with OCO funding. AH893 - 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. AHNSW - PROCUREMENT												

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy								Date: April 2013											
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 Nomenclature: 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:									
MDAP/MAIS Code(s): Procure 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 navy common items. Unit costs and quantities will be adjusted during year of execution. NS830 - PRODUCTION ENGINEERING Provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.																			

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Navy	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	56.285	68.472	61.156	-	61.156	56.987	58.515	59.990	60.749
NR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.064	0.064	0.063	-	0.063	0.065	0.066	0.068	0.068

Item Schedule			Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits	ID CD	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Small Arms & Lndg Party Ammo	P40A, P5A, P21				103.031			56.349			68.536			61.219			-			61.219
Total Gross/Weapon System Cost					103.031			56.349			68.536			61.219			-			61.219

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

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

Justification:
House Report 112-331 cited the wrong P1# for -5,780K reduction. Reduction taken against Line Item 1000 Small Arms Ammunition. Funds were restored during execution year (FY12).

EXPLANATIONS OF MAJOR CHANGES FROM PB13 TO PB14 (FY14):

5.3(A059) CTG, 5.56MM M855 - Decreased buy. Due to change in requirements funds were applied to A557 and A576 procurements.
PB13 SUBMIT: .40/UNIT COST
17600000/QTY
\$7.040/TOTAL COST
PB14 SUBMIT: .41/UNIT COST
610000/QTY

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 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:
MDAP/MAIS Code(s):		
\$2.501/TOTAL COST 6.9(A131) CTG, 7.62MM, LKD, BALL AND TR - Decreased buy. Due to change in requirements funds were applied to A557 and A576 procurements. PB13 SUBMIT: 1.04/UNIT COST 6628800/QTY \$6.894/TOTAL COST PB14 SUBMIT: .93/UNIT COST 1703000/QTY \$1.584/TOTAL COST 4.8(A557) CTG, 50 CAL, LKD & TRACER - Increased buy. Existing inventory does not support requirements. Additional procurement required. Critical Item. PB SUBMIT: 3.03/UNIT COST 1114800/QTY \$3.378/TOTAL COST PB14 SUBMIT: 3.09/UNIT COST 3900000/QTY \$12.051/TOTAL COST 4.3(A576) CTG, .50 LINKED - Existing inventory does not support requirements. Additional procurement required. Critical Item. PB SUBMIT: 3.28/UNIT COST 0/QTY \$0/TOTAL COST PB14 SUBMIT: 3.35/UNIT COST 540000/QTY \$1.809/TOTAL COST 6.6(AA04) CTG., 7.62MM - Canceled buy. Inventory meets requirements. Funds applied to A555 procurement. PB13 SUBMIT: 2.49/UNIT COST 2323000/QTY \$5.784/TOTAL COST PB14 SUBMIT: 0/UNIT COST 0/QTY 0/TOTAL COST 4.7(A555) CTG, 50 CAL, LKD, BALL - Increased buy. Existing inventory does not support requirements. Additional procurement required. Critical Item. PB SUBMIT: 2.84/UNIT COST 779200/QTY \$2.213/TOTAL COST PB14 SUBMIT: 2.98/UNIT COST 2500000/QTY \$7.450/TOTAL COST		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 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:
MDAP/MAIS Code(s):		
FY12 UNIT PRICING REFLECTS EXECUTED CONTRACTS. FY13 UNIT PRICING REFLECTS PB-13 AND WILL BE UPDATED DURING THE NEXT BUDGET CYCLE TO REFLECT EXECUTED CONTRACT PRICING. FY14 UNIT PRICING IS ESCALATED FROM FY12 IAW OSD INFLATION FACTOR. NAVAL SPECIAL WARFARE: EXPLANATIONS OF MAJOR CHANGES FROM PB13 TO PB14 (FY14): 17.2) GRENADE, HAND, FRAG (G881)-Canceled buy due to decrease in requirements. Existing inventory supports requirements. Funds applied to AA40 procurement. PB13 SUBMIT: 36.41/UNIT 7,000/QTY \$254K TOTAL COST PB14 SUBMIT: DELETED 19.1) CTG, 7.62MM BLANK, LINKED (A111)- Canceled buy due to decrease in requirements. Existing inventory supports requirements. Funds applied to A576. PB13 SUBMIT: 0.84/UNIT 1,700,000/QTY \$1.428 TOTAL COST PB14 SUBMIT: DELETED 19.2) CTG, 7.62MM BLALL LINKED (NO TRACER) (A143)-Canceled buy due to decrease in requirements. Existing inventory supports requirements. Funds applied to A576. PB13 SUBMIT: 0.91/UNIT 1,450,000/QTY \$1.321 TOTAL COST PB14 SUBMIT: DELETED 19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK44 (A257)-Canceled buy due to decrease in requirements. Existing inventory supports requirements. Funds applied to A576 and AA40. PB13 SUBMIT: 0.92/UNIT 2,010,000/QTY \$1.849 TOTAL COST PB14 SUBMIT: DELETED 19.5) CTG. 7.62MM LNKD, BALL AND TRACER (A131)-Decreased buy due to decrease in requirements. Funds applied to A576 and AA40. PB13 SUBMIT: 1.04/UNIT 4,200,000/QTY \$4.368M TOTAL COST PB14 SUBMIT: 1.03/UNIT 2,011,200/QTY \$2.071 TOTAL COST 20.1) CTG, 5.56M JACKETED FRANGIBLE MK (AA40)-Increased buy. Existing inventory does not support requirements. Additional procurement required. Critical Item.		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 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:
MDAP/MAIS Code(s):		
PB13 SUBMIT: ZERO PB14 SUBMIT: 0.41/UNIT 2,000,000/QTY \$0.820/TOTAL COST Existing inventory supports requirements. Funds applied to A576. PB13 SUBMIT: 0.45/UNIT 3,300,000/QTY \$1.479 TOTAL COST PB14 SUBMIT: DELETED 20.5) CTG, 5.56MM BLANK, LDD M27 LINK (A075)-Canceled buy due to decrease in requirements. 20.6) CTG, 5.56MM BLANK (TRAINING ITEM)(A080)-Canceled buy due to decrease in requirements. Funds applied to A576 and AA53 procurement. PB13 SUBMIT: 0.32/UNIT 1,500,250/QTY \$483K TOTAL COST PB14 SUBMIT: DELETED 20.7) CTG, 5.56MM 77 GRAIN, MK 262 MOD 0/1, LONG ((AA53)-Increased buy. Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: ZERO PB14 SUBMIT: 0.65/UNIT 520,000/QTY \$338K TOTAL COST 20.10) CTG, 5.56MM LINKED (A064)-Increased buy. Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: ZERO PB14 SUBMIT: 0.54 3,000,000/QTY \$1.621 TOTAL COST 21.1) CTG, CAL .50 LINKED BALL (NO TRACER)(A555)-Canceled buy due to decrease in requirements. Funds applied to A576 and AA53 procurement. PB13 SUBMIT: 2.84/UNIT 735,000/QTY 2.087 TOTAL COST PB14 SUBMIT: DELETED 21.4)CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)-increased buy. Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: 3.30/UNIT 1,600,000/QTY 5.280 TOTAL COST PB14 SUBMIT: 3.35/UNIT 3,975,600/QTY 13,318 TOTAL COST		

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 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:
MDAP/MAIS Code(s):		
FY12 UNIT PRICING REFLECTS EXECUTED CONTRACTS. FY13 UNIT PRICING REFLECTS PB-13 AND WILL BE UPDATED DURING THE NEXT BUDGET CYCLE TO REFLECT EXECUTED CONTRACT PRICING. FY14 UNIT PRICING IS ESCALATED FROM FY12 IN ACCORDANCE WITH OSD INFLATION FACTOR.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) (AH100) PE/QA SMCA																				
1.1) PE/QA SMCA	A		-	-	2.055	-	-	0.845	-	-	1.470	-	-	1.512	-	-	-	-	-	1.512
Subtotal 1) (AH100) PE/QA SMCA					2.055			0.845			1.470			1.512			-			1.512
2) (AH100) TRANSPORTATION ACCOUNT CODE (TAC)																				
2.1) TRANSPORTATION ACCOUNT CODE (TAC)	A		-	-	2.211	-	-	1.200	-	-	1.500	-	-	1.545	-	-	-	-	-	1.545
Subtotal 2) (AH100) TRANSPORTATION ACCOUNT CODE (TAC)					2.211			1.200			1.500			1.545			-			1.545
3) (AH100) .40 CAL CARTRIDGES																				
† 3.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)	A		0.26	400,000	0.104	0.26	100,000	0.026	0.27	1,000,000	0.270	0.27	420,000	0.114	-	-	-	0.27	420,000	0.114
† 3.2) CTG. 40 CALS&W (DWGX)	A		0.25	80,000	0.020	-	-	-	0.25	100,000	0.025	0.25	80,000	0.020	-	-	-	0.25	80,000	0.020
Subtotal 3) (AH100) .40 CAL CARTRIDGES					0.124			0.026			0.295			0.134			-			0.134
4) (AH100) 50 CAL CARTRIDGES																				
4.1) CTG .50 CAL (AA50)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.2) .50 CAL BLANK (A598) ⁽¹⁾	A		1.78	580,758	1.034	-	-	-	2.01	400,000	0.804	2.18	150,000	0.327	-	-	-	2.18	150,000	0.327
† 4.3) CTG, .50 LINKED (A576)	A		2.79	1,579,316	4.406	2.80	901,800	2.525	3.16	1,044,300	3.300	3.35	479,700	1.607	-	-	-	3.35	479,700	1.607
† 4.4) CTG, .50 211-0 (A606)	A		12.62	23,924	0.302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.5) CTG, 50 CAL, MK 211, APIT, M (AA06)	A		9.69	617,600	5.985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.6) CTG, .50 CAL, AP, MK 263 MOD 0 (AA58)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.7) CTG, 50 CAL, LKD, BALL (A555) ⁽²⁾	A		2.31	771,861	1.783	2.23	2,083,408	4.646	2.80	1,074,200	3.008	2.98	2,500,000	7.450	-	-	-	2.98	2,500,000	7.450
† 4.8) CTG, 50 CAL, LKD & TRACER (A557) ⁽³⁾	A		2.50	8,088,205	20.199	2.56	2,946,400	7.543	2.91	3,973,900	11.564	3.09	3,769,900	11.649	-	-	-	3.09	3,769,900	11.649

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo										Aggregated Item Name: Small Arms & Lndg Party Ammo				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 4) (AH100) 50 CAL CARTRIDGES					33.709			14.714			18.676			21.033			-			21.033
5) (AH100) 5.56MM CARTRIDGES																				
† 5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)	A		0.47	15,755,790	7.346	0.39	10,935,600	4.308	0.59	4,500,000	2.655	0.41	1,317,100	0.540	-	-	-	0.41	1,317,100	0.540
† 5.2) CTG., 5.55MM, LKD 4 BALL/1 TR (A064)	A		-	-	-	0.44	1,249,600	0.550	-	-	-	-	-	-	-	-	-	-	-	-
† 5.3) CTG, 5.56MM M855 (A059) (4)	A		0.33	16,145,851	5.382	0.31	5,609,520	1.739	0.40	15,450,000	6.180	0.41	6,100,000	2.501	-	-	-	0.41	6,100,000	2.501
† 5.4) CTG., 5.56MM, BLANK (A080)	A		0.24	5,131,880	1.231	0.24	3,937,560	0.945	-	-	-	-	-	-	-	-	-	-	-	-
† 5.5) CTG, 5.56MM, SRTR AMMO (AA68)	A		0.39	509,105	0.199	-	-	-	-	-	-	0.47	513,000	0.241	-	-	-	0.47	513,000	0.241
† 5.6) (AB09) CTG, 5.56MM, M1042 UTM, Blue (AB09)	A		-	-	-	-	-	-	-	-	-	0.67	150,000	0.101	-	-	-	0.67	150,000	0.101
† 5.7) (AB10) 5.56MM, M1042 UTM, Red (AB10)	A		-	-	-	-	-	-	-	-	-	0.66	100,000	0.066	-	-	-	0.66	100,000	0.066
Subtotal 5) (AH100) 5.56MM CARTRIDGES					14.158			7.542			8.835			3.449			-			3.449
6) (AH100) 7.62MM CARTRIDGES																				
† 6.1) CTG, 7.62MM (A257)	A		-	-	-	0.91	243,300	0.221	0.93	250,000	0.233	0.89	447,000	0.398	-	-	-	0.89	447,000	0.398
† 6.2) CARTR, 7.62MM (AA11)	A		1.18	1,304,740	1.546	0.98	72,680	0.071	1.14	100,000	0.114	-	-	-	-	-	-	-	-	-
† 6.3) CTG., 7.62MM X 39MM BLANK (NNSN)	A		0.16	153,000	0.025	0.17	200,000	0.034	-	-	-	0.17	125,000	0.021	-	-	-	0.17	125,000	0.021
6.4) CTG, 7.62MM, LKD, 9 AP TO 1 (AA36)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.5) CTG, 7.62MM, SHORT RANGE TRAINING (AA39)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 6.6) CTG., 7.62MM (AA04)	A		-	-	-	2.29	298,400	0.683	-	-	-	-	-	-	-	-	-	-	-	-
6.7) CTG, 7.62MM, LKD 9 AP TO 1 DI (AA34)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.8) CTG, 7.62MM, BLANK (A111)	A		0.83	6,661,015	5.520	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo										Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)	A		1.69	9,968,477	16.803	0.84	2,562,400	2.152	1.01	6,495,000	6.560	0.93	1,703,000	1.584	-	-	-	0.93	1,703,000	1.584
† 6.10) CTG, 7.62MM, BALL, M80, LKD (A143)	A		0.78	3,456,623	2.688	0.82	1,020,423	0.835	-	-	-	0.87	1,586,000	1.380	-	-	-	0.87	1,586,000	1.380
† 6.11) CTG, 7.62MM, LKD (A165)	A		0.73	13,495,479	9.828	0.80	3,770,303	3.016	0.97	515,463	0.500	0.88	2,000,000	1.760	-	-	-	0.88	2,000,000	1.760
† 6.12) CTG, 7.62MM, DUMMY AMMO (A162)	A		-	-	-	-	-	-	3.36	11,000	0.037	-	-	-	-	-	-	-	-	-
6.13) (AB43) CTG, 7.62mm, Dummy Ammo (AB43)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 6.14) (AA37) CTG, 7.62MM SHORT RANGE TRAINING AMMO (AA37)	A		-	-	-	0.83	60,000	0.050	-	-	-	0.85	100,000	0.085	-	-	-	0.85	100,000	0.085
<i>Subtotal 6) (AH100) 7.62MM CARTRIDGES</i>					<i>36.410</i>			<i>7.062</i>			<i>7.444</i>			<i>5.228</i>			<i>-</i>			<i>5.228</i>
7) (AH100) 38CAL CARTRIDGES																				
† 7.1) CTG, .38 BLANK (A403)	A		-	-	-	0.40	10,000	0.004	0.50	10,000	0.005	0.50	10,000	0.005	-	-	-	0.50	10,000	0.005
<i>Subtotal 7) (AH100) 38CAL CARTRIDGES</i>					<i>-</i>			<i>0.004</i>			<i>0.005</i>			<i>0.005</i>			<i>-</i>			<i>0.005</i>
8) (AH100) 45 CAL CARTRIDGES																				
† 8.1) CTG, .45 CAL BALL (A475)	A		-	-	-	0.50	8,000	0.004	0.51	130,000	0.066	0.53	100,000	0.053	-	-	-	0.53	100,000	0.053
<i>Subtotal 8) (AH100) 45 CAL CARTRIDGES</i>					<i>-</i>			<i>0.004</i>			<i>0.066</i>			<i>0.053</i>			<i>-</i>			<i>0.053</i>
9) (AH100) 9MM CARTRIDGES																				
† 9.1) CTG, 9MM, BALL (A363)	A		0.22	17,058,025	3.808	0.18	15,501,059	2.714	0.20	12,135,000	2.427	0.17	9,000,000	1.530	-	-	-	0.17	9,000,000	1.530
† 9.2) CTG, 9MM, FX, MARKING, RED (AA12)	A		0.40	1,082,775	0.430	0.42	309,000	0.130	0.39	1,000,000	0.390	-	-	-	-	-	-	-	-	-
† 9.3) CTG, 9MM, FRANGIBLE (AA16)	A		0.29	5,883,603	1.725	0.29	5,204,000	1.509	0.31	1,000,000	0.310	-	-	-	-	-	-	-	-	-
† 9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)	A		0.46	422,349	0.194	0.42	448,000	0.188	0.50	800,000	0.400	-	-	-	-	-	-	-	-	-
† 9.5) CTG, 9MM DUMMY AMMO (A359)	A		-	-	-	-	-	-	2.00	19,000	0.038	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo								
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 9.6) CTG, 9MM JKTD HOLLOW PT (A260)	A		-	-	-	-	-	-	0.71	300,000	0.213	-	-	-	-	-	-	-	-	-
† 9.7) (AB13) CTG, 9MM, FX, MARKING, RED (AB13)	A		-	-	-	-	-	-	-	-	-	0.58	762,500	0.442	-	-	-	0.58	762,500	0.442
† 9.8) (AB14) CTG, 9MM, FX, MARKING, BLUE (AB14)	A		-	-	-	-	-	-	-	-	-	0.58	800,000	0.464	-	-	-	0.58	800,000	0.464
<i>Subtotal 9) (AH100) 9MM CARTRIDGES</i>					6.157			4.541			3.778			2.436			-			2.436
10) (AH100) GRENADES																				
† 10.1) FUZE, DELAY M228 (G878) ⁽⁵⁾	A		4.54	6,384	0.029	5.95	6,000	0.036	-	-	-	6.18	1,600	0.010	-	-	-	6.18	1,600	0.010
10.2) GREN, LAUNCHER, SMK, IR SCREEN (G826)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 10.3) GRENADE, HND, SMK, GREEN (G940) ⁽⁶⁾	A		-	-	-	37.82	10,048	0.380	-	-	-	45.00	10,000	0.450	-	-	-	45.00	10,000	0.450
10.4) GRENADE, HND, SMK, VIOLET (G955)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 10.5) GRENADE, LAUNCHER, SMK, M82 (G978)	A		-	-	-	-	-	-	-	-	-	358.00	2,500	0.895	-	-	-	358.00	2,500	0.895
† 10.6) GRENADE, HND, SMK, YELLOW (G945) ⁽⁷⁾	A		39.60	4,646	0.184	-	-	-	49.60	10,000	0.496	50.47	10,700	0.540	-	-	-	50.47	10,700	0.540
† 10.7) GRENADE, HND, NON-LETHAL (GG04)	A		-	-	-	-	-	-	27.78	2,700	0.075	28.62	2,900	0.083	-	-	-	28.62	2,900	0.083
<i>Subtotal 10) (AH100) GRENADES</i>					0.213			0.416			0.571			1.978			-			1.978
11) (AH100) MINES																				
11.1) MINE, AP, M18A1/T48E3 W/ ACCESSORIES (K143)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 11.2) MINE AP M18A1WITH SHOCK TUBE (J007)	A		-	-	-	184.57	1,620	0.299	466.88	3,200	1.494	-	-	-	-	-	-	-	-	-
† 11.3) RIOT CNTRL, CS (K765)	A		0.73	2,740	0.002	-	-	-	0.33	3,000	0.001	-	-	-	-	-	-	-	-	-
<i>Subtotal 11) (AH100) MINES</i>					0.002			0.299			1.495			-			-			-

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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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo							Aggregated Item Name: Small Arms & Lndg Party Ammo					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
12) (AH100) SHOTGUN CARTRIDGES																				
† 12.1) CTG., 12 GA, RUBBER, FIN STAB (AA31)	A		-	-	-	3.87	15,000	0.058	4.00	2,500	0.010	-	-	-	-	-	-	-	-	-
† 12.2) CTG, 12 GA NO.9 (A017)	A		-	-	-	0.24	103,000	0.025	-	-	-	-	-	-	-	-	-	-	-	-
† 12.3) CTG, 12 GA NO. 00 (A011) ⁽⁸⁾	A		0.40	2,272,639	0.908	-	-	-	-	-	-	0.52	500,000	0.260	-	-	-	0.52	500,000	0.260
† 12.4) CTG, 12 GA, FRANGIBLE (AA86)	A		-	-	-	-	-	-	-	-	-	0.61	100,000	0.061	-	-	-	0.61	100,000	0.061
† 12.5) CTG, 12 GA WARNING MUNITION (LA51)	A		7.88	50,000	0.394	-	-	-	14.20	30,000	0.426	-	-	-	-	-	-	-	-	-
† 12.6) CTG, 12 GA WARNING MUNITION (LA52)	A		8.38	50,000	0.419	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 12.7) (AA55) CTG, 12 GA DUMMY AMMUNITION (AA55)	A		-	-	-	-	-	-	0.75	4,000	0.003	-	-	-	-	-	-	-	-	-
Subtotal 12) (AH100) SHOTGUN CARTRIDGES					1.721		0.083		0.439		0.321				-					0.321
13) (AH350) MATCH AMMO																				
† 13.1) CTG., .22 CAL, BALL, LR, MATCH (A091) ⁽⁹⁾	A		0.38	567,000	0.214	3.07	14,000	0.043	0.12	400,000	0.048	0.13	67,800	0.009	-	-	-	0.13	67,800	0.009
† 13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53) ⁽¹⁰⁾	A		0.57	624,561	0.353	0.64	60,680	0.039	0.59	1,000,000	0.590	0.65	125,000	0.081	-	-	-	0.65	125,000	0.081
† 13.3) CTG., 45 CAL, BALL, M1911, M (A483) ⁽¹¹⁾	A		-	-	-	1.00	45,000	0.045	1.00	59,000	0.059	0.56	116,000	0.065	-	-	-	0.56	116,000	0.065
† 13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)	A		0.25	250,737	0.062	0.26	125,000	0.033	0.26	125,000	0.033	0.27	125,000	0.034	-	-	-	0.27	125,000	0.034
† 13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)	A		0.26	250,000	0.064	0.22	128,500	0.028	0.26	200,000	0.052	0.27	125,000	0.034	-	-	-	0.27	125,000	0.034
† 13.6) 12 GA CARTRIDGE SKEET DRAM PAPER (LL0003348)	A		3.46	1,444	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo							Aggregated Item Name: Small Arms & Lndg Party Ammo					
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
13.7) (A052) 410 GA SHOTGUN SKEET AMMO (A052)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 13) (AH350) MATCH AMMO					0.698			0.188			0.782			0.223			-			0.223
14) (AH830) PRODUCTION ENGINEERING																				
14.1) PRODUCTION ENGINEERING	A		-	-	5.161	-	-	2.510	-	-	2.354	-	-	1.835	-	-	-	-	-	1.835
Subtotal 14) (AH830) PRODUCTION ENGINEERING					5.161			2.510			2.354			1.835			-			1.835
15) (AH893) RENOVATION COMPONENTS																				
15.1) RENOVATION COMPONENTS	A		-	-	0.412	-	-	-	-	-	0.352	-	-	0.200	-	-	-	-	-	0.200
Subtotal 15) (AH893) RENOVATION COMPONENTS					0.412			-			0.352			0.200			-			0.200
16) (AH895) NON-STANDARD																				
16.1) NON-STANDARD	A		-	-	-	-	-	-	-	-	0.022	-	-	-	-	-	-	-	-	-
Subtotal 16) (AH895) NON-STANDARD					-			-			0.022			-			-			-
17) (AHNSW) GRENADES																				
† 17.1) FUZE, DELAY M228, F/M 68 HAND GRND (G878)	A		-	-	-	5.95	12,000	0.071	-	-	-	-	-	-	-	-	-	-	-	-
† 17.2) GRENADE, HAND, FRAG (G881)	A		-	-	-	-	-	-	36.41	6,000	0.218	-	-	-	-	-	-	-	-	-
17.3) GRENADE, HAND, SMOKE, GREEN (G940)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.4) GRENADE, HAND, SMOKE, YELLOW (G945)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 17.5) GRENADE, HAND, SMOKE, RED (G950)	A		-	-	-	41.77	35,000	1.462	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 17) (AHNSW) GRENADES					0.000			1.533			0.218			-			-			-
18) (AHNSW) 9MM CARTRIDGES																				

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Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 18.1) CTG, 9MM BALL (A363)	A		-	-	-	0.17	8,000,000	1.360	0.20	5,500,100	1.100	0.17	7,000,000	1.190	-	-	-	0.17	7,000,000	1.190
18.2) CTG, 9MM REDUCED RICOCHETTE, LOW PEN (AA16)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 18) (AHNSW) 9MM CARTRIDGES</i>					0.000			1.360			1.100			1.190			-			1.190
19) (AHNSW) 7.62MM CARTRIDGES																				
† 19.1) CTG, 7.62MM BLANK, LINKED (A111)	A		-	-	-	0.62	3,200,000	1.984	0.77	1,500,000	1.155	-	-	-	-	-	-	-	-	-
† 19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)	A		-	-	-	0.85	650,000	0.553	0.91	1,400,000	1.276	-	-	-	-	-	-	-	-	-
† 19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)	A		-	-	-	0.91	1,105,000	1.006	0.93	2,001,000	1.861	-	-	-	-	-	-	-	-	-
19.4) CTG, 7.62MM BALL (SOST) (AB50)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)	A		-	-	-	0.84	9,000,000	7.560	1.01	4,000,000	4.040	0.93	2,226,882	2.071	-	-	-	0.93	2,226,882	2.071
<i>Subtotal 19) (AHNSW) 7.62MM CARTRIDGES</i>					0.000			11.103			8.332			2.071			-			2.071
20) (AHNSW) 5.56MM CARTRIDGES																				
† 20.1) CTG, 5.56MM JACKETED FRANGIBLE MK (AA40)	A		-	-	-	-	-	-	-	-	-	0.41	2,000,000	0.820	-	-	-	0.41	2,000,000	0.820
† 20.2) CTG, 5.56MM BALL, CARBINE, BARRIER, MK (AB49)	A		-	-	-	0.50	700,000	0.350	-	-	-	-	-	-	-	-	-	-	-	-
20.3) CTG, 5.56MM BAL F/M4A1 RIFLE (A059)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.4) CTG, 5.56MM CTG BALL B855 LKD F/ SAW (A062)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 20.5) CTG, 5.56MM BLANK, LDD M27 LINK (A075)	A		-	-	-	-	-	-	0.45	3,300,000	1.485	-	-	-	-	-	-	-	-	-
† 20.6) CTG, 5.56MM BLANK (TRAINING ITEM) (A080)	A		-	-	-	0.26	1,682,640	0.437	0.32	1,500,250	0.480	-	-	-	-	-	-	-	-	-

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Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 20.7) CTG, 5.56MM 77 GRAIN, MK 262 MOD 0/1, LONG (AA53)	B		-	-	-	-	-	-	-	-	-	0.65	520,000	0.338	-	-	-	0.65	520,000	0.338
20.8) CTG, 5.56MM MARKING, RED (AA12)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.9) CTG, 9/5.56MM MARKING, BLUE (AA21)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 20.10) CTG, 5.56MM LINKED (A064)	A		-	-	-	-	-	-	-	-	-	0.54	3,000,000	1.620	-	-	-	0.54	3,000,000	1.620
Subtotal 20) (AHNSW) 5.56MM CARTRIDGES					0.000			0.787			1.965			2.778			-			2.778
21) (AHNSW) .50 CAL CARTRIDGES																				
† 21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)	A		-	-	-	2.70	650,000	1.755	2.80	710,000	1.988	-	-	-	-	-	-	-	-	-
21.2) CTG, CAL .50 LINKED, BALL/ TRACER (A557)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.3) CTG, CAL .50 APL MK 211 MIULTI PURPOSE (A606)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 21.4) CTG, CAL .50 LINKED, M2 APL, M8/ APK-T M20 (A576)	A		-	-	-	-	-	-	3.16	1,500,000	4.740	3.35	3,975,600	13.318	-	-	-	3.35	3,975,600	13.318
† 21.5) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)	A		-	-	-	-	-	-	2.01	700,000	1.407	2.18	727,064	1.585	-	-	-	2.18	727,064	1.585
Subtotal 21) (AHNSW) .50 CAL CARTRIDGES					0.000			1.755			8.135			14.903			-			14.903
22) (AHNSW) SHOTGUN CARTRIDGES																				
22.1) CTG, 12 GAUGE SHOTGUN 00 BUCK (A011)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 22) (AHNSW) SHOTGUN CARTRIDGES					0.000			-			-			-			-			-
23) (AHNSW) MATCH AMMO																				
23.1) CTG, CAL 45 MATCH (A483)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 23) (AHNSW) MATCH AMMO					0.000			-			-			-			-			-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy														Date: April 2013							
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo							Aggregated Item Name: Small Arms & Lndg Party Ammo						
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
24) (NS830) PRODUCTION ENGINEERING																					
24.1) (NS830) PRODUCTION ENGINEERING	A		-	-	-	-	-	0.277	-	-	0.702	-	-	0.225	-	-	-	-	-	0.225	
Subtotal 24) (NS830) PRODUCTION ENGINEERING					-			0.277			0.702			0.225			-			0.225	
25) (AHNSW) TRANSPORTATION ACCOUNT CODE (TAC)																					
25.1) NSW TRANSPORTATION ACCOUNT CODE (TAC)	A		-	-	-	-	-	0.100	-	-	-	-	-	0.100	-	-	-	-	-	0.100	
Subtotal 25) (AHNSW) TRANSPORTATION ACCOUNT CODE (TAC)					-			0.100			-			0.100			-			0.100	
Total					103.031			56.349			68.536			61.219			-			61.219	
Footnotes: (1) FY2014 A598 unit cost increase attributed to lower quantities and First Article Acceptance Testing associated with new vendor. (2) FY2014 A555 unit cost increase attributed First Article Acceptance Testing associated with new vendor. (3) FY2014 A557 unit cost increase attributed First Article Acceptance Testing associated with new vendor. (4) FY2014 A059 unit cost increase attributed to lower quantities and First Article Acceptance Testing associated with new vendor. (5) FY2014 G878 unit cost attributed to lower procurement quantity. (6) G940 FY12 - \$31.35 (SMCA procurement/pricing) FY14 - \$45 (USMC procurement) - new contract pricing for FY13. Contract awarded in FY12. Rationale: The Navy transitioned from procuring grenades from the Army due to longer production deliveries, and high engineering support costs. (7) G945 FY11 - \$39.60 (SMCA procurement/pricing) FY13 - \$49.60 (USA price based on POM-13 pricing). USMC price of \$45 will be executed in FY13 and beyond. (8) FY2014 A011 unit cost attributed to lower procurement quantity. (9) FY2014 A091 unit cost attributed to lower procurement quantity. (10) FY2014 AA53 unit cost increase attributed to lower quantities and First Article Acceptance Testing associated with new vendor. (11) FY2014 unit cost attributed to larger procurement quantity.																					

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo					Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3) (AH100) .40 CAL CARTRIDGES												
3.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Mar 2011	Apr 2011	400,000	0.26	Y		Oct 2010
3.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)		2012	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	May 2013	Sep 2013	100,000	0.26	Y		Aug 2012
3.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	May 2013	Sep 2013	1,000,000	0.27	Y		Aug 2012
3.1) CARTRIDGE, MK 308 MOD 0, .40 (DWGW)		2014	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Feb 2014	Jun 2014	420,000	0.27	Y		Oct 2013
3.2) CTG .40 CALS&W (DWGX)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Mar 2011	Apr 2011	80,000	0.25	Y		Oct 2010
3.2) CTG .40 CALS&W (DWGX)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	May 2013	Sep 2013	100,000	0.25	Y		Aug 2012
3.2) CTG .40 CALS&W (DWGX)		2014	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Feb 2014	Jun 2014	80,000	0.25	Y		Oct 2013
4) (AH100) 50 CAL CARTRIDGES												
4.2) .50 CAL BLANK (A598)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	580,758	1.78	Y		Oct 2010
4.2) .50 CAL BLANK (A598)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Dec 2012	Oct 2013	400,000	2.01	Y		Oct 2011
4.2) .50 CAL BLANK (A598)		2014	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	150,000	2.18	N	Mar 2013	Oct 2013
4.3) CTG, .50 LINKED (A576)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Oct 2011	1,579,316	2.79	Y		Oct 2010
4.3) CTG, .50 LINKED (A576)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2012	Oct 2012	901,800	2.80	Y		Oct 2011
4.3) CTG, .50 LINKED (A576)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Dec 2012	Oct 2013	1,044,300	3.16	Y		Oct 2011
4.3) CTG, .50 LINKED (A576)		2014	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	479,700	3.35	N	Mar 2013	Oct 2013
4.4) CTG, .50 211-0 (A606)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	12,720	12.50	Y		Oct 2009
4.4) CTG, .50 211-0 (A606)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	11,204	12.76	Y		Oct 2010
4.5) CTG, 50 CAL, MK 211, APIT, M (AA06)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2010	Feb 2011	617,600	9.69	Y		Oct 2009

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo					Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†4.7) CTG, 50 CAL, LKD, BALL (A555)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	2,083,408	2.23	Y		Oct 2011
†4.7) CTG, 50 CAL, LKD, BALL (A555)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	1,074,200	2.80	Y		Oct 2011
†4.7) CTG, 50 CAL, LKD, BALL (A555)		2014	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	2,500,000	2.98	N	Mar 2013	Oct 2013
†4.8) CTG, 50 CAL, LKD & TRACER (A557)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	2,946,400	2.56	Y		Oct 2011
†4.8) CTG, 50 CAL, LKD & TRACER (A557)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	3,802,100	2.91	Y		Oct 2011
†4.8) CTG, 50 CAL, LKD & TRACER (A557)	✓	2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	171,800	2.91	Y		Oct 2011
†4.8) CTG, 50 CAL, LKD & TRACER (A557)		2014	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2014	Jan 2015	3,769,900	3.09	N	Mar 2013	Oct 2013
5) (AH100) 5.56MM CARTRIDGES												
5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2011	Jul 2012	3,780,396	0.57	Y		Mar 2011
5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)	✓	2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2011	Jul 2012	2,357,894	0.57	Y		Mar 2011
5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)		2012	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Oct 2011	Aug 2012	6,585,600	0.39	Y		Mar 2011
5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)	✓	2012	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Oct 2011	Aug 2012	4,350,000	0.40	Y		Mar 2011
5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)		2013	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Jun 2013	May 2014	4,500,000	0.59	Y		Mar 2011
5.1) CTG, CAL 5.56MM, FRANGIBLE (AA40)		2014	UNKNOWN / UNKNOWN	C / FFP	NSWC CRANE	Mar 2014	Feb 2015	1,317,100	0.41	Y		Oct 2013
5.2) CTG., 5.55MM, LKD 4 BALL/1 TR (A064)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	1,249,600	0.44	Y		Oct 2011
†5.3) CTG, 5.56MM M855 (A059)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	5,609,520	0.31	Y		Oct 2011
†5.3) CTG, 5.56MM M855 (A059)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	14,200,000	0.40	Y		Oct 2011
†5.3) CTG, 5.56MM M855 (A059)	✓	2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	1,250,000	0.40	Y		Oct 2011
†5.3) CTG, 5.56MM M855 (A059)		2014	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	6,100,000	0.41	N	Mar 2013	Oct 2013

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
5.4) CTG., 5.56MM, BLANK (A080)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	2,207,040	0.27	Y		Oct 2009
5.4) CTG., 5.56MM, BLANK (A080)	✓	2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	383,040	0.27	Y		Oct 2009
5.4) CTG., 5.56MM, BLANK (A080)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	2,541,800	0.25	Y		Oct 2010
5.4) CTG., 5.56MM, BLANK (A080)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	3,937,560	0.24	Y		Oct 2011
5.5) CTG, 5.56MM, SRTR AMMO (AA68)		2011	JMC ROCK ISLAND / ROCK ISLAND, IL	MIPR	JMC ROCK ISLAND	Mar 2011	Jun 2011	509,105	0.39	Y		Oct 2010
5.5) CTG, 5.56MM, SRTR AMMO (AA68)		2014	JMC ROCK ISLAND / ROCK ISLAND, IL	MIPR	JMC ROCK ISLAND	Mar 2014	Jun 2014	513,000	0.47	Y		Oct 2013
5.6) (AB09) CTG, 5.56MM, M1042 UTM, Blue (AB09)		2014	ULTIMATE TRAINING MUNITIONS / CANADA	SS / FFP	JMC ROCK ISLAND	Mar 2014	Mar 2015	150,000	0.67	Y		Oct 2013
5.7) (AB10) 5.56MM, M1042 UTM, Red (AB10)		2014	ULTIMATE TRAINING MUNITIONS / CANADA	SS / FFP	ROCK ISLAND	Mar 2014	Mar 2015	100,000	0.66	Y		Oct 2013
6) (AH100) 7.62MM CARTRIDGES												
6.1) CTG. 7.62MM (A257)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	243,300	0.91	Y		Oct 2011
6.1) CTG. 7.62MM (A257)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	250,000	0.93	Y		Oct 2011
6.1) CTG. 7.62MM (A257)		2014	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2014	Mar 2015	447,000	0.89	N	Mar 2013	Oct 2013
6.2) CARTR, 7.62MM (AA11)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	199,640	1.05	Y		Oct 2009
6.2) CARTR, 7.62MM (AA11)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	1,105,100	1.21	Y		Oct 2010
6.2) CARTR, 7.62MM (AA11)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	72,680	0.98	Y		Oct 2011
6.2) CARTR, 7.62MM (AA11)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	100,000	1.14	Y		Oct 2011
6.3) CTG., 7.62MM X 39MM BLANK (NNSN)		2012 ⁽¹²⁾	SSI / NEW JERSEY	C / BPA	ACC-PICATINNY, NJ	Oct 2012	Nov 2013	200,000	0.17	Y		Jun 2012
6.3) CTG., 7.62MM X 39MM BLANK (NNSN)		2014	UNKNOWN / UNKNOWN	C / BPA	JMC ROCK ISLAND	Mar 2014	Mar 2015	125,000	0.17	N	Mar 2013	Oct 2013
6.6) CTG., 7.62MM (AA04)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	298,400	2.29	Y		Oct 2011

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy										Date: April 2013		
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo					Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	2,562,400	0.84	Y		Oct 2011
†6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)		2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	6,000,000	1.01	Y		Oct 2011
†6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)	✓	2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jun 2013	Jun 2014	495,000	1.01	Y		Oct 2011
†6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)		2014	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	1,703,000	0.93	N		Oct 2013
6.10) CTG, 7.62MM, BALL, M80, LKD (A143)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Oct 2010	1,300,000	0.79	Y		Oct 2009
6.10) CTG, 7.62MM, BALL, M80, LKD (A143)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Oct 2011	2,156,623	0.77	Y		Oct 2010
6.10) CTG, 7.62MM, BALL, M80, LKD (A143)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	461,600	0.78	Y		Oct 2011
6.10) CTG, 7.62MM, BALL, M80, LKD (A143)	✓	2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	558,823	0.85	Y		Oct 2011
6.10) CTG, 7.62MM, BALL, M80, LKD (A143)		2014	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	1,586,000	0.87	N	Mar 2013	Oct 2013
6.11) CTG, 7.62MM, LKD (A165)		2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	3,735,714	0.70	Y		Oct 2009
6.11) CTG, 7.62MM, LKD (A165)	✓	2010	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	4,310,000	0.70	Y		Oct 2009
6.11) CTG, 7.62MM, LKD (A165)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	3,301,714	0.77	Y		Oct 2010
6.11) CTG, 7.62MM, LKD (A165)	✓	2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jan 2011	Jul 2012	2,148,051	0.77	Y		Oct 2010
6.11) CTG, 7.62MM, LKD (A165)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	2,613,000	0.76	Y		Oct 2011
6.11) CTG, 7.62MM, LKD (A165)	✓	2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	1,157,303	0.89	Y		Oct 2011
6.11) CTG, 7.62MM, LKD (A165)	✓	2013	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	515,463	0.97	Y		Oct 2011
6.11) CTG, 7.62MM, LKD (A165)		2014	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	2,000,000	0.88	N	Mar 2013	Oct 2013
†6.12) CTG, 7.62MM, DUMMY AMMO (A162)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jun 2013	Jun 2014	11,000	3.36	Y		Oct 2011
6.14) (AA37) CTG, 7.62MM SHORT RANGE TRAINING AMMO (AA37)		2012	ATK LAKE CITY / LAKE CITY	MIPR	JMC ROCK ISLAND	Jun 2012	Apr 2013	60,000	0.83	Y		Oct 2011

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
6.14) (AA37) CTG, 7.62MM SHORT RANGE TRAINING AMMO (AA37)		2014	UNKNOWN / UNKNOWN	C / TBD	JMC ROCK ISLAND	Mar 2014	Mar 2015	100,000	0.85	N	Mar 2013	Oct 2013
7) (AH100) 38CAL CARTRIDGES												
7.1) CTG, .38 BLANK (A403)		2012 ⁽¹³⁾	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	10,000	0.40	Y		Oct 2011
7.1) CTG, .38 BLANK (A403)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Mar 2014	10,000	0.50	Y		Jun 2012
7.1) CTG, .38 BLANK (A403)		2014	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2014	Mar 2015	10,000	0.50	N	Mar 2013	Oct 2013
8) (AH100) 45 CAL CARTRIDGES												
8.1) CTG, .45 CAL BALL (A475)		2012 ⁽¹⁴⁾	UNKNOWN / UNKNOWN	C / FFP	ROCK ISLAND	Mar 2013	Mar 2014	8,000	0.50	Y		Jun 2012
8.1) CTG, .45 CAL BALL (A475)		2013	UNKNOWN / UNKNOWN	C / FFP	ROCK ISLAND	Mar 2013	Mar 2014	130,000	0.51	Y		Jun 2012
8.1) CTG, .45 CAL BALL (A475)		2014	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	100,000	0.53	Y		Oct 2013
9) (AH100) 9MM CARTRIDGES												
9.1) CTG, 9MM, BALL (A363)	✓	2010	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Jan 2010	Jul 2011	1,447,058	0.17	Y		Oct 2009
9.1) CTG, 9MM, BALL (A363)		2011	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Mar 2011	Mar 2012	12,887,438	0.17	Y		Oct 2010
9.1) CTG, 9MM, BALL (A363)	✓	2011	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Mar 2011	Mar 2012	2,723,529	0.17	Y		Oct 2010
9.1) CTG, 9MM, BALL (A363)		2012	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Jan 2012	Jul 2013	7,854,000	0.18	Y		Oct 2011
9.1) CTG, 9MM, BALL (A363)	✓	2012	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Jan 2012	Jul 2013	7,647,059	0.17	Y		Oct 2011
9.1) CTG, 9MM, BALL (A363)		2013	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	8,920,000	0.20	Y		Oct 2012
9.1) CTG, 9MM, BALL (A363)	✓	2013	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Jun 2013	Dec 2014	3,215,000	0.20	Y		Oct 2012
9.1) CTG, 9MM, BALL (A363)		2014	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	9,000,000	0.17	N	Mar 2013	Oct 2013

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo					Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
9.2) CTG, 9MM, FX, MARKING, RED (AA12)		2010	UNITED STATES MARINE CORPS / QUANTICO, VA	MIPR	MARINE CORP, QUANTICO	Jan 2010	Jul 2011	309,091	0.44	Y		Oct 2009
9.2) CTG, 9MM, FX, MARKING, RED (AA12)		2011	UNITED STATES MARINE CORPS / QUANTICO, VA	MIPR	MARINE CORP QUANTICO	Jan 2011	Apr 2012	773,684	0.38	Y		Oct 2010
9.2) CTG, 9MM, FX, MARKING, RED (AA12)		2012	UNITED STATES MARINE CORPS / QUANTICO, VA	MIPR	MARINE CORP QUANTICO	Jan 2012	Apr 2012	309,000	0.42	Y		Oct 2011
9.2) CTG, 9MM, FX, MARKING, RED (AA12)		2013	UNITED STATES MARINE CORPS / QUANTICO, VA	MIPR	MARINE CORP QUANTICO	Apr 2013	Oct 2014	1,000,000	0.39	Y		Oct 2010
9.3) CTG, 9MM, FRANGIBLE (AA16)		2010	OLIN CORPORATION / ILLINOIS	C / FFP	NSWC CRANE	May 2010	Apr 2012	4,023,603	0.29	Y		Mar 2008
9.3) CTG, 9MM, FRANGIBLE (AA16)		2011	OLIN CORPORATION / ILLINOIS	C / FFP	NSWC CRANE	Jun 2011	Oct 2012	1,860,000	0.30	Y		Mar 2008
9.3) CTG, 9MM, FRANGIBLE (AA16)		2012	OLIN CORP / ILLINOIS	C / FFP	NSWC CRANE	Mar 2012	Oct 2012	5,204,000	0.29	Y		Mar 2008
9.3) CTG, 9MM, FRANGIBLE (AA16)		2013	OLIN CORP / ILLINOIS	C / FFP	NSWC CRANE	Jun 2013	Jan 2014	1,000,000	0.31	Y		Mar 2008
9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)		2010	UNITED STATES MARINE CORPS / QUANTICO, VA	MIPR	MARINE CORP	Jan 2010	Dec 2010	218,182	0.44	Y		Mar 2006
9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)		2011	UNITED STATES MARINE CORPS / QUANTICO, VA	MIPR	MARINE CORP	Apr 2012	Mar 2013	204,167	0.48	Y		Mar 2006
9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)		2012	UNITED STATES MARINE CORPS / QUANTICO, VA	MIPR	MARINE CORP	Apr 2012	Dec 2012	448,000	0.42	Y		Mar 2006
9.4) CTG, 9MM, FX, MARKING, BLUE (AA21)		2013	UNITED STATES MARINE CORPS / QUANTICO, VA	MIPR	MARINE CORP QUANTICO	Jun 2013	May 2014	800,000	0.50	Y		Mar 2006
9.5) CTG, 9MM DUMMY AMMO (A359)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2014	19,000	2.00	Y		Oct 2012
9.6) CTG, 9MM JKTD HOLLOW PT (A260)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jun 2013	Oct 2014	300,000	0.71	Y		Oct 2012
9.7) (AB13) CTG, 9MM, FX, MARKING, RED (AB13)		2014	ULTIMATE TRAINING MUNITIONS / CANADA	SS / FFP	ROCK ISLAND	Mar 2014	Mar 2015	762,500	0.58	Y		Oct 2013
9.8) (AB14) CTG, 9MM, FX, MARKING, BLUE (AB14)		2014	ULTIMATE TRAINING MUNITIONS / CANADA	SS / FFP	ROCK ISLAND	Mar 2014	Mar 2015	800,000	0.58	Y		Oct 2013
10) (AH100) GRENADES												

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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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo						Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
10.1) FUZE, DELAY M228 (G878)		2010	MARTIN ELECTRONICS, INC. / PERRY,FL	C / FFP	JMC ROCK ISLAND	Mar 2010	Sep 2011	6,384	4.54	Y		Oct 2009
10.1) FUZE, DELAY M228 (G878)		2012	MARTIN ELECTRONICS, INC. / PERRY,FL	C / FFP	JMC ROCK ISLAND	Feb 2012	Jan 2014	6,000	5.95	Y		Jun 2011
10.1) FUZE, DELAY M228 (G878)		2014	MARTIN ELECTRONICS, INC. / PERRY,FL	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	1,600	6.18	N	Mar 2013	Jun 2011
10.3) GRENADE, HND, SMK, GREEN (G940)		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	MIPR	JMC ROCK ISLAND	Jan 2012	Jun 2013	10,048	37.82	Y		Oct 2011
10.3) GRENADE, HND, SMK, GREEN (G940)		2014	RHEINMETALL / GERMANY	SS / FFP	MARINE CORP QUANTICO	Mar 2014	Jul 2015	10,000	45.00	N	Mar 2013	Oct 2013
10.5) GRENADE, LAUNCHER, SMK, M82 (G978)		2014	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2014	Sep 2015	2,500	358.00	Y		Jun 2012
10.6) GRENADE, HND, SMK, YELLOW (G945)		2011	PINE BLUFF ARSENAL / PINE BLUFF, AR	MIPR	JMC ROCK ISLAND	Mar 2011	Apr 2014	4,646	39.60	Y		Oct 2010
10.6) GRENADE, HND, SMK, YELLOW (G945)		2013	RHEINMETALL / GERMANY	SS / FFP	MARINE CORP QUANTICO	May 2013	Jun 2014	10,000	49.60	Y		Oct 2012
10.6) GRENADE, HND, SMK, YELLOW (G945)		2014	RHEINMETALL / GERMANY	SS / FFP	MARINE CORP QUANTICO	Mar 2014	Apr 2015	10,700	50.47	Y		Oct 2012
10.7) GRENADE, HND, NON- LETHAL (GG04)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jun 2013	Dec 2014	2,700	27.78	Y		Oct 2012
10.7) GRENADE, HND, NON- LETHAL (GG04)		2014	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	2,900	28.62	Y		Oct 2012
11) (AH100) MINES												
11.2) MINE AP M18A1WITH SHOCK TUBE (J007)		2012	SPECTRA TECHNOLOGIES / CAMDEN, AK	C / FFP	JMC ROCK ISLAND	Jan 2012	Mar 2013	1,620	184.57	Y		Mar 2010
11.2) MINE AP M18A1WITH SHOCK TUBE (J007)		2013	SPECTRA TECHNOLOGIES / CAMDEN, AK	C / FFP	JMC ROCK ISLAND	Jan 2013	Mar 2014	3,200	466.88	Y		Mar 2010
11.3) RIOT CNTRL, CS (K765)		2011	JMC ROCK ISLAND / ROCK ISLAND, IL	MIPR	JMC ROCK ISLAND	Mar 2011	Jun 2011	2,740	0.73	Y		Oct 2010
11.3) RIOT CNTRL, CS (K765)		2013	JMC ROCK ISLAND / ROCK ISLAND, IL	MIPR	JMC ROCK ISLAND	Jan 2013	Apr 2013	3,000	0.33	Y		Oct 2012
12) (AH100) SHOTGUN CARTRIDGES												
12.1) CTG., 12 GA, RUBBER, FIN STAB (AA31)		2012 ⁽¹⁵⁾	UNKNOWN / UNKNOWN	C / FFP	ACC- PICATINNY, NJ	Mar 2013	Mar 2014	15,000	3.87	Y		May 2012

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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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo					Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
12.1) CTG., 12 GA, RUBBER, FIN STAB (AA31)		2013	UNKNOWN / UNKNOWN	C / FFP	ACC- PICATINNY, NJ	Mar 2013	Mar 2014	2,500	4.00	Y		May 2012
12.2) CTG, 12 GA NO.9 (A017)		2012	OLIN CORP / ILLINOIS	C / FFP	JMC ROCK ISLAND	Mar 2012	Mar 2013	103,000	0.24	Y		Mar 2011
12.3) CTG, 12 GA NO. 00 (A011)	✓	2010	OLIN CORPORATION / ILLINOIS	C / FFP	JMC ROCK ISLAND	Jan 2010	Jan 2012	173,760	0.51	Y		Oct 2009
12.3) CTG, 12 GA NO. 00 (A011)		2011	OLIN CORP / ILLINOIS	C / FFP	JMC ROCK ISLAND	Jun 2011	Dec 2012	2,098,879	0.39	Y		Mar 2011
12.3) CTG, 12 GA NO. 00 (A011)		2014	OLIN CORP / ILLINOIS	C / FFP	JMC ROCK ISLAND	Mar 2014	Apr 2015	500,000	0.52	N	Mar 2013	Oct 2013
12.4) CTG, 12 GA, FRANGIBLE (AA86)		2014	TBD / TBD	C / FFP	NSWC Indian Head	Mar 2014	Apr 2015	100,000	0.61	N	Mar 2013	Oct 2013
12.5) CTG, 12 GA WARNING MUNITION (LA51)		2010	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	NSWC CRANE	Jan 2010	Oct 2010	50,000	7.88	Y		Oct 2009
12.5) CTG, 12 GA WARNING MUNITION (LA51)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jun 2013	Jan 2015	30,000	14.20	Y		Oct 2012
12.6) CTG, 12 GA WARNING MUNITION (LA52)		2010	COMBINED SYSTEMS INC. / JAMESTOWN, NY	C / FFP	NSWC CRANE	Jan 2010	Oct 2010	50,000	8.38	Y		Oct 2009
12.7) (AA55) CTG, 12 GA DUMMY AMMUNITION (AA55)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC Indian Head	Jun 2013	Dec 2014	4,000	0.75	Y		Jun 2012
13) (AH350) MATCH AMMO												
13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		2010	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2010	Mar 2012	517,000	0.40	Y		Oct 2009
13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		2011	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Apr 2014	50,000	0.10	Y		Jan 2012
13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Oct 2012	Oct 2013	14,000	3.07	Y		Jan 2012
13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		2013	ATK LAKE CITY / LAKE CITY	C / TBD	JMC ROCK ISLAND	Oct 2012	Oct 2013	400,000	0.12	Y		Jan 2012
13.1) CTG, .22 CAL, BALL, LR, MATCH (A091)		2014	ATK LAKE CITY / LAKE CITY	C / TBD	JMC ROCK ISLAND	Mar 2014	Sep 2015	67,800	0.13	Y		Oct 2013
13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		2010	BLACK HILLS AMMUNITION / RAPID CITY, SD	SS / FFP	NSWC CRANE	Mar 2010	Sep 2011	300,000	0.56	Y		Oct 2009
13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		2011	BLACK HILLS AMMUNITION / RAPID CITY, SD	SS / FFP	NSWC CRANE	Mar 2011	Sep 2012	324,561	0.57	Y		Oct 2010
13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		2012	BLACK HILLS AMMUNITION / RAPID CITY, SD	SS / FFP	NSWC CRANE	Jul 2012	Jan 2014	60,680	0.64	Y		Jan 2012

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Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		2013	BLACK HILLS AMMUNITION / RAPID CITY, SD	C / TBD	NSWC CRANE	Jun 2013	Mar 2015	1,000,000	0.59	Y		Oct 2012
13.2) CTG, 5.56MM, SPECIAL BALL, MK 262 MOD 1 (AA53)		2014	UNKNOWN / UNKNOWN	C / TBD	NSWC CRANE	Mar 2014	Jun 2015	125,000	0.65	Y		Oct 2012
13.3) CTG., 45 CAL, BALL, M1911, M (A483)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jul 2013	May 2014	45,000	1.00	Y		Jun 2012
13.3) CTG., 45 CAL, BALL, M1911, M (A483)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jul 2013	Jan 2015	59,000	1.00	Y		Jun 2012
13.3) CTG., 45 CAL, BALL, M1911, M (A483)		2014	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Dec 2013	Jun 2015	116,000	0.56	N	Jun 2013	Jun 2012
13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		2010	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2010	Mar 2012	125,000	0.25	Y		Jul 2010
13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Apr 2011	Oct 2012	125,737	0.25	Y		Jan 2011
13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		2012 ⁽¹⁶⁾	UNKNOWN / UNKNOWN	C / FFP	NSWC Indian Head	Mar 2013	Jul 2013	125,000	0.26	Y		Jun 2012
13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		2013	UNKNOWN / UNKNOWN	C / FFP	NSWC Indian Head	Jun 2013	Oct 2013	125,000	0.26	Y		Jun 2012
13.4) CTG., 28 GAGE SKEET LOAD, PLASTIC CASE 2 DRAMS (A057)		2014	UNKNOWN / UNKNOWN	C / FFP	NSWC Indian Head	Mar 2014	Mar 2015	125,000	0.27	N	Mar 2013	Jun 2012
13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)		2010	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2010	Mar 2012	125,000	0.25	Y		Jul 2010
13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / CPFF	NSWC CRANE	Apr 2011	Oct 2012	125,000	0.26	Y		Jan 2011
13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)		2012 ⁽¹⁷⁾	a2Z SUPPLY CORP / TBD	C / FFP	NSWC Indian Head	Jan 2013	May 2013	128,500	0.22	Y		Jun 2012
13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)		2013	a2Z SUPPLY CORP / TBD	C / FFP	NSWC Indian Head	Jan 2013	May 2013	200,000	0.26	Y		Jun 2012
13.5) CTG., 20 GAGE SHOTGUN, SKEET LOAD 2 1/2 DRAMS POWDER (A046)		2014	UNKNOWN / UNKNOWN	C / FFP	NSWC Indian Head	Mar 2014	Apr 2014	125,000	0.27	N	Mar 2013	Jun 2012

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Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
13.6) 12 GA CARTRIDGE SKEET DRAM PAPER (LL0003348)		2011	FEDERAL CARTRIDGE / MINNESOTA	C / FFP	NSWC CRANE	Sep 2011	Mar 2013	1,444	3.50	Y		Jul 2011
17) (AHNSW) GRENADES												
17.1) FUZE, DELAY M228, F/M 68 HAND GRND (G878)		2012	MARTIN ELECTRONICS, INC. / PERRY,FL	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2013	12,000	5.95	Y		Oct 2011
17.2) GRENADE, HAND, FRAG (G881)		2013	DAY&ZIMMERMAN LONE STAR LLC, TEXARKANA, TX / TEXARKANA, TX	C / FFP	JMC ROCK ISLAND	Jun 2013	Dec 2014	6,000	36.41	N	Dec 2012	Oct 2012
17.5) GRENADE, HAND, SMOKE, RED (G950)		2012	PINE BLUFF ARSENAL / PINE BLUFF, AR	C / FFP	JMC ROCK ISLAND	Mar 2012	Jun 2013	35,000	41.77	Y		Oct 2011
18) (AHNSW) 9MM CARTRIDGES												
18.1) CTG, 9MM BALL (A363)		2012	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Apr 2012	Oct 2012	8,000,000	0.17	Y		Oct 2011
18.1) CTG, 9MM BALL (A363)		2013	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Jun 2013	Dec 2013	5,500,100	0.20	Y		Oct 2012
18.1) CTG, 9MM BALL (A363)		2014	OLIN CORPORATION / ILLINOIS	SS / FFP	JMC ROCK ISLAND	Oct 2013	Apr 2014	7,000,000	0.17	Y		Oct 2013
19) (AHNSW) 7.62MM CARTRIDGES												
†19.1) CTG, 7.62MM BLANK, LINKED (A111)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	JMC ROCK ISLAND	Mar 2012	Oct 2012	3,200,000	0.62	Y		Jul 2011
†19.1) CTG, 7.62MM BLANK, LINKED (A111)		2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Jun 2013	Jan 2014	1,500,000	0.77	Y		Oct 2012
†19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	JMC ROCK ISLAND	Mar 2012	Oct 2012	650,000	0.85	Y		Oct 2011
†19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)		2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Mar 2013	Oct 2013	1,400,000	0.91	Y		Oct 2012
†19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	SS / FFP	JMC ROCK ISLAND	Mar 2012	Oct 2012	1,105,000	0.91	Y		Oct 2011
†19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)		2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Jun 2013	Jan 2014	2,001,000	0.93	Y		Oct 2012

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Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Mar 2012	Oct 2012	9,000,000	0.84	Y		Oct 2011
†19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)		2013	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Jun 2013	Jan 2014	4,000,000	1.01	Y		Jan 2013
†19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)		2014	TO BE SELECTED / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2014	Mar 2015	2,226,882	0.93	Y		Oct 2013
20) (AHNSW) 5.56MM CARTRIDGES												
20.1) CTG, 5.56MM JACKETED FRANGIBLE MK (AA40)		2014	UNKNOWN / UNKNOWN	C / TBD	NSWC CRANE	Oct 2013	Oct 2013	2,000,000	0.41	Y		
20.2) CTG, 5.56MM BALL, CARBINE, BARRIER, MK (AB49)		2012	ATK LAKE CITY / LAKE CITY	C / FFP	JMC ROCK ISLAND	Jun 2013	Dec 2014	700,000	0.50	Y		Oct 2012
†20.5) CTG, 5.56MM BLANK, LDD M27 LINK (A075)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jun 2013	Jan 2014	3,300,000	0.45	Y		Oct 2012
20.6) CTG, 5.56MM BLANK (TRAINING ITEM) (A080)		2012	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Apr 2012	Nov 2012	1,682,640	0.26	Y		Oct 2011
20.6) CTG, 5.56MM BLANK (TRAINING ITEM) (A080)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2013	Oct 2013	1,500,250	0.32	Y		Dec 2012
20.7) CTG, 5.56MM 77 GRAIN, MK 262 MOD 0/1, LONG (AA53)		2014	BLACK HILLS AMMUNITION / RAPID CITY, SD	C / TBD	NSWC CRANE	Mar 2014	Apr 2015	520,000	0.65	N	Mar 2013	Oct 2013
†20.10) CTG, 5.56MM LINKED (A064)		2014	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Oct 2013	May 2014	3,000,000	0.54	Y		Oct 2011
21) (AHNSW) .50 CAL CARTRIDGES												
†21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)		2012	ALLIANT TECH DBA (LCAAP) / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Mar 2012	Oct 2012	650,000	2.70	Y		Oct 2011
†21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jun 2013	Jan 2014	710,000	2.80	Y		Oct 2012
†21.4) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jun 2013	Jan 2014	1,500,000	3.16	Y		Oct 2012
†21.4) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)		2014	UNKNOWN / UNKNOWN	C / TBD	JMC ROCK ISLAND	Apr 2014	Nov 2014	3,975,600	3.35	Y		Oct 2013
†21.5) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)		2013	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Jun 2013	Jan 2014	700,000	2.01	Y		Oct 2012

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo					Aggregated Item Name: Small Arms & Lndg Party Ammo			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
†21.5) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)		2014	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2014	Oct 2014	727,064	2.18	Y		Oct 2013

Footnotes:

- (12) FY2012 NNSN contract award slip attributed to change in acquisition strategy.
- (13) FY2012 A403 contract award slip attributed to development of the Technical Data Package.
- (14) FY2012 A475 contract award slip attributed to development of the Technical Data Package.
- (15) FY2012 AA31 contract award slipped due to change in acquisition strategy.
- (16) FY2012 A057 contract award slipped due to change of PCO from NSWC Crane to NSWC IHD.
- (17) FY2012 A046 contract award slip attributed change of PCO from NSWC Crane to NSWC IHD.

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013															
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo														Aggregated Item Name: Small Arms & Lndg Party Ammo														
Items (Units in Millions (* = < 500 units))						Fiscal Year 2010														Fiscal Year 2011															
O C O	M F R #	FY	SERVICE [‡]	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT	Calendar Year 2010														Calendar Year 2011														B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
4) (AH100) 50 CAL CARTRIDGES																																			
4.7) CTG, 50 CAL., LKD, BALL (A555)																																			
All Prior Years Deliveries: 771861																																			
	51	2012	NAVY	2.083	-	2.083	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.083				
	51	2013	NAVY	1.074	-	1.074	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.074				
	51	2014	NAVY	2.500	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.500				
4.8) CTG, 50 CAL., LKD & TRACER (A557)																																			
All Prior Years Deliveries: 8088205																																			
	52	2012	NAVY	2.946	-	2.946	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.946				
	52	2013	NAVY	3.802	-	3.802	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.802				
✓	52	2013	NAVY	.172	-	.172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.172				
	53	2014	NAVY	3.770	-	3.770	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.770				
5) (AH100) 5.56MM CARTRIDGES																																			
5.3) CTG, 5.56MM M855 (A059)																																			
All Prior Years Deliveries: 16145851																																			
	54	2012	NAVY	5.610	-	5.610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.610				
	54	2013	NAVY	14.200	-	14.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.200				
✓	54	2013	NAVY	1.250	-	1.250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.250				
	55	2014	NAVY	6.100	-	6.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.100				
6) (AH100) 7.62MM CARTRIDGES																																			
6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)																																			
All Prior Years Deliveries: 9968477																																			
	56	2014	NAVY	1.703	-	1.703	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.703				
	57	2012	NAVY	2.562	-	2.562	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.562				
	57	2013	NAVY	6.000	-	6.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.000				
✓	57	2013	NAVY	.495	-	.495	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.495				
6.12) CTG, 7.62MM, DUMMY AMMO (A162)																																			
	58	2013	NAVY	.011	-	.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.011				
19) (AHNSW) 7.62MM CARTRIDGES																																			
19.1) CTG, 7.62MM BLANK, LINKED (A111)																																			
	59	2012	NAVY	3.200	-	3.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.200				
	59	2013	NAVY	1.500	-	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.500				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013											
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo													Aggregated Item Name: Small Arms & Lndg Party Ammo											
Items (Units in Millions (* = < 500 units))							Fiscal Year 2010													Fiscal Year 2011														
O C C	M F R #	FY	SERVICE†	PROC QTY	ACCEP PRIOR TO 1 OCT 2009	BAL DUE AS OF 1 OCT				Calendar Year 2010												Calendar Year 2011												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)																																		
	60	2012	NAVY	.650	-	.650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.650		
	60	2013	NAVY	1.400	-	1.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.400		
19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)																																		
	61	2012	NAVY	1.105	-	1.105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.105		
	61	2013	NAVY	2.001	-	2.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.001		
19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)																																		
	62	2012	NAVY	9.000	-	9.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.000		
	62	2013	NAVY	4.000	-	4.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.000		
	63	2014	NAVY	2.227	-	2.227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.227		
20) (AHNSW) 5.56MM CARTRIDGES																																		
20.5) CTG, 5.56MM BLANK, LDD M27 LINK (A075)																																		
	64	2013	NAVY	3.300	-	3.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.300		
20.10) CTG, 5.56MM LINKED (A064)																																		
	65	2014	NAVY	3.000	-	3.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.000		
21) (AHNSW) .50 CAL CARTRIDGES																																		
21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)																																		
	66	2012	NAVY	.650	-	.650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.650		
	67	2013	NAVY	.710	-	.710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.710		
21.4) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)																																		
	68	2013	NAVY	1.500	-	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.500		
	68	2014	NAVY	3.976	-	3.976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.976		
21.5) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)																																		
	69	2013	NAVY	.700	-	.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.700		
	69	2014	NAVY	.727	-	.727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.727		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013											
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo											Aggregated Item Name: Small Arms & Lndg Party Ammo											
Items <i>(Units in Millions (* = < 500 units))</i>							Fiscal Year 2012											Fiscal Year 2013																
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012																	Calendar Year 2013										B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				
4) (AH100) 50 CAL CARTRIDGES																																		
4.7) CTG, 50 CAL, LKD, BALL (A555)																																		
All Prior Years Deliveries: 771861																																		
	51	2012	NAVY	2.083	-	2.083	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	2.083			
	51	2013	NAVY	1.074	-	1.074	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	1.074			
	51	2014	NAVY	2.500	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.500			
4.8) CTG, 50 CAL, LKD & TRACER (A557)																																		
All Prior Years Deliveries: 8088205																																		
	52	2012	NAVY	2.946	-	2.946	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	2.946			
	52	2013	NAVY	3.802	-	3.802	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	3.802			
✓	52	2013	NAVY	.172	-	.172	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	.172			
	53	2014	NAVY	3.770	-	3.770	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.770			
5) (AH100) 5.56MM CARTRIDGES																																		
5.3) CTG, 5.56MM M855 (A059)																																		
All Prior Years Deliveries: 16145851																																		
	54	2012	NAVY	5.610	-	5.610	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	5.610			
	54	2013	NAVY	14.200	-	14.200	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	14.200			
✓	54	2013	NAVY	1.250	-	1.250	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	1.250			
	55	2014	NAVY	6.100	-	6.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.100			
6) (AH100) 7.62MM CARTRIDGES																																		
6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)																																		
All Prior Years Deliveries: 9968477																																		
	56	2014	NAVY	1.703	-	1.703	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.703			
	57	2012	NAVY	2.562	-	2.562	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	2.562			
	57	2013	NAVY	6.000	-	6.000	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	6.000			
✓	57	2013	NAVY	.495	-	.495	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	.495			
6.12) CTG, 7.62MM, DUMMY AMMO (A162)																																		
	58	2013	NAVY	.011	-	.011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	.011			
19) (AHNSW) 7.62MM CARTRIDGES																																		
19.1) CTG, 7.62MM BLANK, LINKED (A111)																																		
	59	2012	NAVY	3.200	-	3.200	-	-	-	-	-	A -	-	-	-	-	-	-	-	2.000	1.000										.200			
	59	2013	NAVY	1.500	-	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	1.500			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L			

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013															
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo										Aggregated Item Name: Small Arms & Lndg Party Ammo															
Items (Units in Millions (* = < 500 units))						Fiscal Year 2012														Fiscal Year 2013															
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2011	BAL DUE AS OF 1 OCT	Calendar Year 2012														Calendar Year 2013														B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)																																			
	60	2012	NAVY	.650	-	.650	-	-	-	-	-	-	A -	-	-	-	-	-	-	.325	.325											-			
	60	2013	NAVY	1.400	-	1.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	-	1.400			
19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)																																			
	61	2012	NAVY	1.105	-	1.105	-	-	-	-	-	-	A -	-	-	-	-	-	-	1.000											.104				
	61	2013	NAVY	2.001	-	2.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	2.001				
19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)																																			
	62	2012	NAVY	9.000	-	9.000	-	-	-	-	-	-	A -	-	-	-	-	-	-	1.500	1.500	1.500	1.500	1.500	1.500						-				
	62	2013	NAVY	4.000	-	4.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	4.000				
	63	2014	NAVY	2.227	-	2.227	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.227				
20) (AHNSW) 5.56MM CARTRIDGES																																			
20.5) CTG, 5.56MM BLANK, LDD M27 LINK (A075)																																			
	64	2013	NAVY	3.300	-	3.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	3.300				
20.10) CTG, 5.56MM LINKED (A064)																																			
	65	2014	NAVY	3.000	-	3.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.000				
21) (AHNSW) .50 CAL CARTRIDGES																																			
21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)																																			
	66	2012	NAVY	.650	-	.650	-	-	-	-	-	-	A -	-	-	-	-	-	-	.350	.300										-				
	67	2013	NAVY	.710	-	.710	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	.710				
21.4) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)																																			
	68	2013	NAVY	1.500	-	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	1.500				
	68	2014	NAVY	3.976	-	3.976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.976				
21.5) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)																																			
	69	2013	NAVY	.700	-	.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	.700				
	69	2014	NAVY	.727	-	.727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.727				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013																
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo												Aggregated Item Name: Small Arms & Lndg Party Ammo																
Items <i>(Units in Millions (* = < 500 units))</i>						Fiscal Year 2014												Fiscal Year 2015																						
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014																		Calendar Year 2015															
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L									
4) (AH100) 50 CAL CARTRIDGES																																								
4.7) CTG, 50 CAL, LKD, BALL (A555)																																								
All Prior Years Deliveries: 771861																																								
	51	2012	NAVY	2.083	-	2.083	.500	.500	.500	.583																									-					
	51	2013	NAVY	1.074	-	1.074	.500	.500	.074																									-						
	51	2014	NAVY	2.500	-	2.500	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	1.000	1.000	.500			-									
4.8) CTG, 50 CAL, LKD & TRACER (A557)																																								
All Prior Years Deliveries: 8088205																																								
	52	2012	NAVY	2.946	-	2.946	1.000	1.000	.869	.078																									-					
	52	2013	NAVY	3.802	-	3.802	1.000	1.000	1.000	.750	.052																									-				
✓	52	2013	NAVY	.172	-	.172	.100	.072																									-							
	53	2014	NAVY	3.770	-	3.770	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	1.000	1.000	1.000	.770			-										
5) (AH100) 5.56MM CARTRIDGES																																								
5.3) CTG, 5.56MM M855 (A059)																																								
All Prior Years Deliveries: 16145851																																								
	54	2012	NAVY	5.610	-	5.610	1.000	1.000	1.000	1.000	1.000	.610																									-			
	54	2013	NAVY	14.200	-	14.200	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.640	1.080																									-
✓	54	2013	NAVY	1.250	-	1.250	1.000	.250																									-							
	55	2014	NAVY	6.100	-	6.100	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	1.000	1.000	1.000	1.000	1.000	1.000	.100								
6) (AH100) 7.62MM CARTRIDGES																																								
6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)																																								
All Prior Years Deliveries: 9968477																																								
	56	2014	NAVY	1.703	-	1.703	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	1.000	.703							-						
	57	2012	NAVY	2.562	-	2.562	1.000	1.000	.562																									-						
	57	2013	NAVY	6.000	-	6.000	1.000	1.000	1.000	1.000	1.000																									-				
✓	57	2013	NAVY	.495	-	.495	-	-	-	-	-	-	-	-	.495																									-
6.12) CTG, 7.62MM, DUMMY AMMO (A162)																																								
	58	2013	NAVY	.011	-	.011	-	-	-	-	-	-	-	-	.011																									-
19) (AHNSW) 7.62MM CARTRIDGES																																								
19.1) CTG, 7.62MM BLANK, LINKED (A111)																																								
	59	2012	NAVY	3.200	3.000	.200																									.200									
	59	2013	NAVY	1.500	-	1.500	-	-	-	1.000	.500																									-				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L									

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013								
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo													Aggregated Item Name: Small Arms & Lndg Party Ammo								
Items (Units in Millions (* = < 500 units))							Fiscal Year 2014												Fiscal Year 2015												
O C C	M F R #	FY	SERVICE‡	PROC QTY	ACCEP PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	Calendar Year 2014												Calendar Year 2015												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)																															
60	2012	NAVY		.650	.650	-																								-	
60	2013	NAVY		1.400	-	1.400	.500	.500	.333																					.067	
19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)																															
61	2012	NAVY		1.105	1.000	.104																								.104	
61	2013	NAVY		2.001	-	2.001	-	-	-	2.001																				-	
19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)																															
62	2012	NAVY		9.000	9.000	-																								-	
62	2013	NAVY		4.000	-	4.000	-	-	-	1.000	1.000	1.000	.272																	.728	
63	2014	NAVY		2.227	-	2.227	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	1.000	1.000	.227			-		
20) (AHNSW) 5.56MM CARTRIDGES																															
20.5) CTG, 5.56MM BLANK, LDD M27 LINK (A075)																															
64	2013	NAVY		3.300	-	3.300	-	-	-	2.000	1.200																			.100	
20.10) CTG, 5.56MM LINKED (A064)																															
65	2014	NAVY		3.000	-	3.000	A	-	-	-	-	-	-	3.000																-	
21) (AHNSW) .50 CAL CARTRIDGES																															
21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)																															
66	2012	NAVY		.650	.650	-																								-	
67	2013	NAVY		.710	-	.710	-	-	-	.400	.307																			.003	
21.4) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)																															
68	2013	NAVY		1.500	-	1.500	-	-	-	1.000																				.500	
68	2014	NAVY		3.976	-	3.976	-	-	-	-	-	-	A	-	-	-	-	-	-	1.000	1.000	1.000	.976				-				
21.5) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)																															
69	2013	NAVY		.700	-	.700	-	-	-	.400	.300																			-	
69	2014	NAVY		.727	-	.727	-	-	-	-	-	A	-	-	-	-	-	-	.400	.327										-	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																								Date: April 2013											
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo														Aggregated Item Name: Small Arms & Lndg Party Ammo											
Items (Units in Millions (* = < 500 units))										Fiscal Year 2016												Fiscal Year 2017													
O C C O	M F R #	FY	SERVICE [±]	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016																Calendar Year 2017												B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
4) (AH100) 50 CAL CARTRIDGES																																			
4.7) CTG, 50 CAL, LKD, BALL (A555)																																			
All Prior Years Deliveries: 771861																																			
	51	2012	NAVY	2.083	2.083	-																											-		
	51	2013	NAVY	1.074	1.074	-																											-		
	51	2014	NAVY	2.500	2.500	-																											-		
4.8) CTG, 50 CAL, LKD & TRACER (A557)																																			
All Prior Years Deliveries: 8088205																																			
	52	2012	NAVY	2.946	2.946	-																											-		
	52	2013	NAVY	3.802	3.802	-																											-		
✓	52	2013	NAVY	.172	.172	-																											-		
	53	2014	NAVY	3.770	3.770	-																											-		
5) (AH100) 5.56MM CARTRIDGES																																			
5.3) CTG, 5.56MM M855 (A059)																																			
All Prior Years Deliveries: 16145851																																			
	54	2012	NAVY	5.610	5.610	-																											-		
	54	2013	NAVY	14.200	14.200	-																											-		
✓	54	2013	NAVY	1.250	1.250	-																											-		
	55	2014	NAVY	6.100	6.000	.100	.100																										-		
6) (AH100) 7.62MM CARTRIDGES																																			
6.9) CTG, 7.62MM, LKD, BALL AND TR (A131)																																			
All Prior Years Deliveries: 9968477																																			
	56	2014	NAVY	1.703	1.703	-																											-		
	57	2012	NAVY	2.562	2.562	-																											-		
	57	2013	NAVY	6.000	6.000	-																											-		
✓	57	2013	NAVY	.495	.495	-																											-		
6.12) CTG, 7.62MM, DUMMY AMMO (A162)																																			
	58	2013	NAVY	.011	.011	-																											-		
19) (AHNSW) 7.62MM CARTRIDGES																																			
19.1) CTG, 7.62MM BLANK, LINKED (A111)																																			
	59	2012	NAVY	3.200	3.000	.200																											.200		
	59	2013	NAVY	1.500	1.500	-																											-		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L				

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013												
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo										Aggregated Item Name: Small Arms & Lndg Party Ammo												
Items (Units in Millions (* = < 500 units))							Fiscal Year 2016										Fiscal Year 2017															
O C C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	Calendar Year 2016										Calendar Year 2017										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
19.2) CTG, 7.62MM BALL LINKED (NO TRACER) (A143)																																
	60	2012	NAVY	.650	.650	-																										-
	60	2013	NAVY	1.400	1.333	.067																										.067
19.3) CTG, 7.62MM LINKED 9.1 DIM TRACED F/MK 44 (A257)																																
	61	2012	NAVY	1.105	1.000	.104																										.104
	61	2013	NAVY	2.001	2.001	-																										-
19.5) CTG, 7.62MM LNKD, BALL AND TRACER (A131)																																
	62	2012	NAVY	9.000	9.000	-																										-
	62	2013	NAVY	4.000	3.272	.728																										.728
	63	2014	NAVY	2.227	2.227	-																										-
20) (AHNSW) 5.56MM CARTRIDGES																																
20.5) CTG, 5.56MM BLANK, LDD M27 LINK (A075)																																
	64	2013	NAVY	3.300	3.200	.100																										.100
20.10) CTG, 5.56MM LINKED (A064)																																
	65	2014	NAVY	3.000	3.000	-																										-
21) (AHNSW) .50 CAL CARTRIDGES																																
21.1) CTG, CAL .50 LINKED BALL (NO TRACER) (A555)																																
	66	2012	NAVY	.650	.650	-																										-
	67	2013	NAVY	.710	.707	.003																										.003
21.4) CTG, CAL .50 LINKED, M2 APL, M8/APK-T M20 (A576)																																
	68	2013	NAVY	1.500	1.000	.500																										.500
	68	2014	NAVY	3.976	3.976	-																										-
21.5) CTG, CAL .50 LINKED, BLANK, M1A1 (A598)																																
	69	2013	NAVY	.700	.700	-																										-
	69	2014	NAVY	.727	.727	-																										-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo	Aggregated Item Name: Small Arms & Lndg Party Ammo

MFR #	MFR Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	ATK LAKE CITY - LAKE CITY	-	.006	.020	4	4	12	16	4	4	13	17
2	ATK LAKE CITY - LAKE CITY	-	.006	.020	4	4	12	16	4	4	13	17
3	ATK LAKE CITY - LAKE CITY	-	.006	.020	4	4	9	13	4	4	9	13
4	ATK LAKE CITY - LAKE CITY	*	.070	1.640	6	6	12	18	6	6	18	24
5	ATK LAKE CITY - LAKE CITY	*	.070	1.640	6	6	13	19	6	6	18	24
6	ATK LAKE CITY - LAKE CITY	-	.006	.020	4	4	9	13	4	4	13	17
7	ATK LAKE CITY - LAKE CITY	-	.006	.020	4	4	12	16	4	4	13	17
8	UNKNOWN - UNKNOWN	*	.840	1.680	6	6	12	18	6	6	18	24
9	ALLIANT TECH DBA (LCAAP) - INDEPENDENCE, MO	-	5.160	17.770	6	6	7	13	6	6	7	13
10	ALLIANT TECH DBA (LCAAP) - INDEPENDENCE, MO	-	11.080	38.240	6	6	7	13	6	6	7	13
11	ALLIANT TECH DBA (LCAAP) - INDEPENDENCE, MO	-	.007	.024	6	6	7	13	6	6	7	13
12	ALLIANT TECH DBA (LCAAP) - INDEPENDENCE, MO	-	.014	.048	6	6	7	13	6	6	7	13
13	TO BE SELECTED - UNKNOWN	-	.014	.048	6	6	12	18	6	6	7	13
14	UNKNOWN - UNKNOWN	-	.014	.049	6	6	7	13	6	6	7	13
15	ALLIANT TECH DBA (LCAAP) - INDEPENDENCE, MO	-	.012	.039	6	6	7	13	6	6	7	13
16	ALLIANT TECH DBA (LCAAP) - INDEPENDENCE, MO	-	.006	.021	6	6	7	13	6	6	7	13
17	UNKNOWN - UNKNOWN	-	.006	.021	6	6	12	18	6	6	7	13

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0335 - Small Arms & Lndg Party Ammo				Aggregated Item Name: Small Arms & Lndg Party Ammo			
		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
18	UNKNOWN - UNKNOWN	-	.001	.004	6	6	12	18	6	6	7	13
19	UNKNOWN - UNKNOWN	-	.003	.009	6	6	7	13	6	6	7	13

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy **Date:** April 2013

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 Nomenclature: 0340 - Pyrotechnic and Demolition
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ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
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MDAP/MAIS Code(s):

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	63.128	11.870	13.498	10.637	-	10.637	12.124	11.523	11.795	11.954	-	146.529
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) (<i>\$ in Millions</i>)	63.128	11.870	13.498	10.637	-	10.637	12.124	11.523	11.795	11.954	-	146.529
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	63.128	11.870	13.498	10.637	-	10.637	12.124	11.523	11.795	11.954	-	146.529
<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>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>Units in Dollars</i>)	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

This 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. This program also provides materials to support the ship shock test program. Pyrotechnics are required to support the surface, air, ground, and underwater Navy requirements. These items consist of illumination, signaling, identification, and location devices using flare or smoke as the primary signaling agent.

Pyrotechnics are used for training, combat exercises, submarine rescue and personnel search and rescue operations. 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.

AJ100 - PROCUREMENT

Procure 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.

AJ830 - PRODUCTION ENGINEERING

Provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

AJ850 - PRODUCT IMPROVEMENT

Provides engineering services and related efforts 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. Typically, such improvements take advantage of technology refresh of the materials, progress in the state-of-the-art, improved design and other technical advances to provide improved safety, reduced environmental impact, improved reliability/maintainability/availability, decreased cost, and/or correction of deficiencies exclusive of contractual specifications.

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0340 - Pyrotechnic and Demolition
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		

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.

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.

AJ895- NON-STANDARD ITEMS

The non-standard line is to support procurement of ammunition training aids and initial procurements of required non-type classified munition items.

AJG86 - OVERSEAS CONTINGENCY OPERATIONS (OCO) SUPPLEMENTAL

Ammunition being procured with OCO funding.

AJNSW - PROCUREMENT

Procure 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.

NS830 - PRODUCTION ENGINEERING

Provide engineering support for items procured in same fiscal year. Support efforts include analysis of producibility and production operations; preparation, test and technical evaluation of engineering changes to correct deficiencies in the production item; preparation, test and technical evaluation of waivers and deviations; value engineering; review and evaluation of production design data and documentation; production configuration control; and other related engineering function which are integral to an item's manufacture.

Secondary Distribution		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018
Navy	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	11.781	13.409	10.549	-	10.549	12.035	11.432	11.699	11.858
NR	Quantity	-	-	-	-	-	-	-	-	-
	Total Obligation Authority	0.089	0.089	0.088	-	0.088	0.089	0.091	0.096	0.096

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy																Date: April 2013					
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 Nomenclature: 0340 - Pyrotechnic and Demolition									
ID Code (A=Service Ready, B=Not Service Ready) : A						Program Elements for Code B Items:						Other Related Program Elements:									
MDAP/MAIS Code(s):																					
Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total			
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	
Pyrotechnic and Demolition	P40A, P5A			63.128			11.870			13.498			10.637			-				10.637	
Total Gross/Weapon System Cost				63.128			11.870			13.498			10.637			-				10.637	
*Item Nomenclature represents Item Number, DODIC, and Item Name for the P40A and P5; Name for the P18 and P23; Modification Number and Modification Title for the P3A; Item Number and Item Name for the P10. Note: Totals in this Exhibit P-40 set may not be exact or add due to rounding.																					
Justification: EXPLANATIONS OF MAJOR CHANGES FROM PB13 TO PB14 (FY14): N/A(L118) SIGNAL KIT, PERS DISTRESS, MK 79 - Canceled buy. Inventory requirements will transition from L118 to L258. Funds applied to L258 procurement. PB13 SUBMIT: 88.25/UNIT 4998/QTY \$441K TOTAL COST PB14 SUBMIT: DELETED 9.4(L258) SIGNAL ILLUMINATION, ,L80/0 RED STAR - Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: 4.12/UNIT 0/QTY \$0/ TOTAL COST PB14 SUBMIT: 11.15/UNIT 40000/QTY \$446K TOTAL COST N/A(M757)CHG, ASSY, DML, M183/37 - Canceled buy due to decrease in requirements. Funds applied to DWHH and MP16 procurement. PB13 SUBMIT: 1331.82/UNIT 880/QTY \$1.172K PB14 SUBMIT: DELETED 4.4(DWHH)CAP, BLASTING, ELECTRIC MK 18 MOD 0 - Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: 42.73/UNIT 11000/QTY \$470K TOTAL COST PB14 SUBMIT: 42.72/UNIT 34,900/QTY \$1.491K TOTAL COST																					

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0340 - Pyrotechnic and Demolition
ID Code (A=Service Ready, B=Not Service Ready) : A	Program Elements for Code B Items:	Other Related Program Elements:
MDAP/MAIS Code(s):		
4.3(MP16) CAP, BLASTING, ELEC, INERT - Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: 22.45/UNIT 0/QTY \$0/TOTAL COST PB14 SUBMIT: 21.47/UNIT 15000/QTY \$322K/TOTAL COST 6.4(LA27) SIG, SMK ILLUM, MAR, MK 144/118, YELLOW - Canceled buy. Existing inventory supports requirements. Funds applied to L259 procurement. PB13 SUBMIT: 1652.17/UNIT 460/QTY \$760K PB14 SUBMIT: DELETED 6.1 (L259) MARKER, LOCATION, SUB, MK 120/23, GREEN - Existing inventory does not support requirements. Additional procurement required. Critical Item. PB13 SUBMIT: 3175.82/UNIT 91/QTY \$289K TOTAL COST PB14 SUBMIT: 1598.47/UNIT 655/QTY \$1.047K TOTAL COST FY12 UNIT PRICING REFLECTS EXECUTED CONTRACTS. FY13 UNIT PRICING REFLECTS PB-13 AND WILL BE UPDATED DURING THE NEXT BUDGET CYCLE TO REFLECT EXECUTED CONTRACT PRICING. FY14 UNIT PRICING IS ESCALATED FROM FY12 IAW OSD INFLATION FACTOR.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0340 - Pyrotechnic and Demolition								Aggregated Item Name: Pyrotechnic and Demolition				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) AJ100 TRANSPORTATION ACCOUNT CODE																				
1.1) TRANSPORTATION ACCOUNT CODE (N97)	A		-	-	0.032	-	-	0.037	-	-	0.036	-	-	0.042	-	-	-	-	-	0.042
1.2) TRANSPORTATION ACCOUNT CODE (N96)	A		-	-	0.315	-	-	0.163	-	-	0.184	-	-	0.198	-	-	-	-	-	0.198
1.3) (N95) TRANSPORTATION ACCOUNT CODE (N95)	A		-	-	-	-	-	-	-	-	0.010	-	-	-	-	-	-	-	-	-
Subtotal 1) AJ100 TRANSPORTATION ACCOUNT CODE					0.347			0.200			0.230			0.240			-			0.240
2) AJ100 PE/QA SMCA																				
2.1) PE/QA SMCA	A		-	-	2.597	-	-	0.255	-	-	0.421	-	-	0.461	-	-	-	-	-	0.461
Subtotal 2) AJ100 PE/QA SMCA					2.597			0.255			0.421			0.461			-			0.461
3) AJ100 CUTTERS & CARTRIDGES																				
† 3.1) "POPPER" BLANK CARTRIDGES (AA64)	A		2.68	4,480	0.012	-	-	-	1.30	10,000	0.013	-	-	-	-	-	-	-	-	-
† 3.2) AVON CARTRIDGES (AA63)	A		5.38	13,200	0.071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) CARTRIDGE ASSEMBLY (MC91)	A		-	-	0.140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) CLAYVON CARTRIDGES (DWER)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 3.5) CTG, 50 CAL BLANK, ELEC, MK20 (SS01)	A		-	-	0.526	176.61	3,420	0.604	-	-	-	184.91	4,110	0.760	-	-	-	184.91	4,110	0.760
† 3.6) CUTTER, MK20, NON-ELECTRIC IN (SS43)	A		-	-	-	1,141.67	600	0.685	-	-	-	-	-	-	-	-	-	-	-	-
† 3.7) MK 277 ENHANCED BLANK (DWEC)	A		3.75	4,800	0.018	-	-	-	3.66	5,000	0.018	-	-	-	-	-	-	-	-	-
† 3.8) MK 278 BLACK POWDER BLANK (AA66)	A		-	-	-	-	-	-	1.50	10,000	0.015	-	-	-	-	-	-	-	-	-
† 3.9) MK 279 STEEL SLUG (DWED)	A		6.25	4,800	0.030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
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 Nomenclature: 0340 - Pyrotechnic and Demolition								Aggregated Item Name: Pyrotechnic and Demolition			
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 3.10) MK 280 ALUMINUM SLUG (DWEE)	A		6.06	4,950	0.030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.11) TITANIUM DISRUPTER CANNON (ST02)	A		-	-	0.192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 3) AJ100 CUTTERS & CARTRIDGES					1.019			1.289			0.046			0.760			-			0.760
4) AJ100 DET CORDS, CAPS & FUZES																				
4.1) ACCESSORY KIT, MK 34 MOD 0 (DWGL)	A		-	-	0.390	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) BREECH PLUG ASSEMBLY, TITANIUM (DWFL)	A		-	-	0.282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.3) CAP, BLASTING, ELEC, INERT (MP16)	A		-	-	-	-	-	-	-	-	-	21.47	15,000	0.322	-	-	-	21.47	15,000	0.322
† 4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)	A		40.11	7,030	0.282	-	-	-	41.96	30,006	1.259	42.72	34,900	1.491	-	-	-	42.72	34,900	1.491
4.5) SQUIB, ELECTRIC, MK 20 MOD 2	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.6) CAP, BLASTIN, ELECTRIC, MK 17 MOD 1 (DWFP)	A		-	-	1.016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.7) CAP, BLASTIN, NON-ELEC, INERT (M097)	A		-	-	0.226	21.02	9,800	0.206	-	-	-	-	-	-	-	-	-	-	-	-
4.8) CAP, BLASTIN, NON-ELEC, M7 (M131)	A		-	-	0.128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.9) CONNECTOR, DET CORD, PLASTIC (MW49)	A		-	-	0.015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.10) CORD, DETONATING, PRIMACORD (M456) ⁽¹⁾	A		0.69	1,920,000	1.326	0.79	164,000	0.130	2.60	308,846	0.803	0.81	605,000	0.490	-	-	-	0.81	605,000	0.490
4.11) CORD, DETONATING, REINFORCED (M458)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.12) DET, NON-EL, 50' DUAL, MK 153 (MN51)	A		-	-	0.245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.13) DETONATOR, DEL, 175MS, MK 156 30 FT (DWEJ)	A		-	-	-	17.40	10,000	0.174	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
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 Nomenclature: 0340 - Pyrotechnic and Demolition										Aggregated Item Name: Pyrotechnic and Demolition			
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
† 4.14) DETONATOR, DEL, 17MS, MK 158 (DWEL)	A		-	-	-	18.33	3,000	0.055	-	-	-	-	-	-	-	-	-	-	-	-
† 4.15) DETONATOR, DEL, 200MS, MK 157 (DWEK)	A		-	-	-	18.17	6,000	0.109	-	-	-	-	-	-	-	-	-	-	-	-
† 4.16) DETONATOR, DEL, 25MS, MK 160 (DWEN)	A		-	-	-	18.50	2,000	0.037	-	-	-	-	-	-	-	-	-	-	-	-
† 4.17) DETONATOR, DEL, 42MS, MK 159 (DWEM)	A		-	-	-	18.33	3,000	0.055	-	-	-	-	-	-	-	-	-	-	-	-
4.18) DETONATOR, NON-ELEC, MK 121 (MM58)	A		-	-	1.116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.19) DETONATOR, NON-ELEC, MK 121 (MP17)	A		-	-	0.335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.20) EOD REFILL KIT-LMNS (DWGJ)	A		-	-	0.167	-	-	-	446.67	600	0.268	-	-	-	-	-	-	-	-	-
4.21) FIRING DEVICE BASE COUPLING (DWHB)	A		-	-	0.701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.22) FIRING DEVICE DEMO MK 67 (MP19)	A		33,595.24	126	4.233	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.23) FIRING DEVICE, ACOUSTIC MK 5 (MP23)	A		-	-	1.206	1,618.59	312	0.505	-	-	-	-	-	-	-	-	-	-	-	-
† 4.24) FIRING DEVICE, MK 62 (MN81)	A		-	-	7.273	-	-	-	1,091.50	700	0.764	-	-	-	-	-	-	-	-	-
† 4.25) FUZE, BLASTING, TIME (M670) ⁽²⁾	A		0.54	864,000	0.470	0.40	492,000	0.197	0.40	415,000	0.166	0.54	361,000	0.195	-	-	-	0.54	361,000	0.195
† 4.26) IGNITIER, TIME BLASTING FUZE (MN08)	A		27.25	46,980	1.280	-	-	-	6.80	72,352	0.492	-	-	-	-	-	-	-	-	-
4.27) NON-EL DET W/ IN-LINE INITIATION (MN52)	A		-	-	0.468	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.28) REMOTE FIRING DEVICE, MK 66 MOD (DWGZ)	A		-	-	-	-	-	-	65.20	5,000	0.326	-	-	-	-	-	-	-	-	-
4.29) RADIO FIRING DEVICE (RFD) MK 186 (ML06)	A		-	-	2.097	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0340 - Pyrotechnic and Demolition										Aggregated Item Name: Pyrotechnic and Demolition				
Items († indicates the presence of a P-5A)	ID CD	MDAP/MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
4.30) REMOTE FIRING DEVICE, MK 64 MOD (DWFD)	A		-	-	0.590	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.31) SQUIB, ELECTRIC, MK 20 (MG61)	A		-	-	0.689	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 4.32) SQUIB, ELECTRONIC, MK 20 MOD 1 (JM94)	A		44.38	8,000	0.355	-	-	-	46.49	9,400	0.437	-	-	-	-	-	-	-	-	-
4.33) (MN54) DET, NON-EL, 500" DUAL, MK155 (MN54)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 4) AJ100 DET CORDS, CAPS & FUZES					24.890			1.468			4.515			2.498			-			2.498
5) MINE CHARGES & CHARGE CUTTERS																				
5.1) CANINE EXPLOSIVE KIT, PART A (MN76)	A		-	-	0.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) CANINE EXPLOSIVE KIT, PART B (MN77)	A		-	-	0.041	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.3) CHG KIT, DML, MK 75 (MW84)	A		1,009.40	745	0.752	1,552.86	454	0.705	-	-	-	-	-	-	-	-	-	-	-	-
5.4) CHG, ASSY, DML, M183/37 (M757)	A		-	-	2.830	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.5) CHG, BOOSTER, 20 GM, MK 140 (MM30)	A		-	-	0.079	-	-	-	4.09	20,050	0.082	-	-	-	-	-	-	-	-	-
† 5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023) (3)	A		137.77	14,430	1.988	24.81	50,300	1.248	37.76	51,244	1.935	-	-	-	-	-	-	-	-	-
5.7) CHG, DML, BLK, M118, PETN, 2LB (M024)	A		-	-	0.477	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.8) CHG, DML, SHAPED, M3, 40 LB (M421)	A		-	-	-	744.44	90	0.067	-	-	-	-	-	-	-	-	-	-	-	-
† 5.9) CHG, DEML, MK 144 MOD O LOW HAZARD FLEX (MM52)	A		-	-	-	-	-	-	49.50	10,000	0.495	-	-	-	-	-	-	-	-	-
5.10) CHG, DML, XPL ROLL, 11FT (M985)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.11) CHG, DML, XPL ROLL, 25 FT (M981)	A		34.72	2,650	0.092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																	Date: April 2013			
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 Nomenclature: 0340 - Pyrotechnic and Demolition									Aggregated Item Name: Pyrotechnic and Demolition		
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
5.12) CHG, DML, XPL ROLL, 38 FT, 14 (M980)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.13) DEMO CHG, MK 36/1, INERT (MP01)	A		-	-	0.170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.14) MK 147 BATTERY (CWBD)	A		159.09	132	0.021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.15) (M474) CONTAINER, DML CHG, MK-1 (M474)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.16) (M475) CONTAINER, DML CHG, MK-2 (M475)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.17) (MN70) CUTTER, POWDER ACTUATED MK 23/1 (MN70)	A		-	-	-	-	-	-	405.71	700	0.284	-	-	-	-	-	-	-	-	-
† 5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)	A		18.09	2,432	0.044	-	-	-	19.80	10,000	0.198	-	-	-	-	-	-	-	-	-
5.19) VALVE, EXPLOSIVE ELECTRIC, MK 2 MOD 1 (MW02)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 5.20) (MN71) CUTTER, POWDER ACTUATED MK 24/1	A		-	-	-	-	-	-	-	-	-	609.00	716	0.436	-	-	-	609.00	716	0.436
† 5.21) (MM54) CHG, DEML, MK149 MOD0 LOW HAZ FLEX LIN SHP (MM54)	A		-	-	-	61.89	12,780	0.791	-	-	-	-	-	-	-	-	-	-	-	-
† 5.22) (MM53) Chg, Demo, Mk 145 Low Hazard Flex (MM53)	A		-	-	-	48.63	3,640	0.177	-	-	-	-	-	-	-	-	-	-	-	-
5.23) (M995) CHARGE, DEMOLITION RIGID LN MK 86 (M995)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.24) (M997) CHARGE, DEMO, ORDNANCE DISPOSAL, MK 88 (M997)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.25) (M998) CHARGE, DEMOLITION RIGID LN MK 89 (M998)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 5) MINE CHARGES & CHARGE CUTTERS					6.502			2.988			2.994			0.436			-			0.436

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0340 - Pyrotechnic and Demolition						Aggregated Item Name: Pyrotechnic and Demolition								
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
6) AJ100 HARDWARE (N97 SPONSOR)																				
† 6.1) MARKER, LOCATION, SUB, MK 120/23, GREEN (L259)	A		1,416.85	463	0.656	-	-	-	-	-	-	1,598.47	655	1.047	-	-	-	1,598.47	655	1.047
† 6.2) MARKER, LOCATION, SUB, MK 121 YELLOW (L260)	A		-	-	-	-	-	-	1,554.82	301	0.468	-	-	-	-	-	-	-	-	-
† 6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)	A		3,118.75	320	0.998	-	-	-	1,573.53	476	0.749	-	-	-	-	-	-	-	-	-
6.4) SIG, SMK ILLUM, MAR, MK 144/118, YELLOW (LA27)	A		-	-	1.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 6.5) MARKER, LOCATION, SUB, MK 140/66, RED (LA28)	A		6,742.51	167	1.126	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 6.6) BOLT, EXPL, MK5/0 (M254)	A		-	-	0.504	18,604.90	100	1.860	-	-	-	-	-	-	-	-	-	-	-	-
6.7) CTG, IMPULSE, MK 148 (M663)	A		-	-	0.112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.8) CTG, IMPULSE, MK 235 (MW97)	A		-	-	0.314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.9) SWITCH, SQUIB ACTUATED, MK 11 (M853)	A		-	-	0.040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 6) AJ100 HARDWARE (N97 SPONSOR)					5.250			1.860			1.217			1.047			-			1.047
7) AJ100 PYRO AND DEMO MATERIAL																				
7.1) TRANSPORTATION ACCOUNT CODE	A		-	-	0.365	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 7) AJ100 PYRO AND DEMO MATERIAL					0.365			-			-			-			-			-
8) AJ100 SHOCK TEST CHARGES																				
† 8.1) CHARGE, SHOCK TEST, 60 LB (XW65)	A		-	-	-	-	-	-	-	-	-	2,261.31	397	0.898	-	-	-	2,261.31	397	0.898
8.2) (MM63) CHG, SHOCK TEST, 3500 LB (MM63)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0340 - Pyrotechnic and Demolition								Aggregated Item Name: Pyrotechnic and Demolition				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
8.3) SHOCK TEST CHARGE, 320 LB (9W50)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 8) AJ100 SHOCK TEST CHARGES</i>					0.000			-			-			0.898			-			0.898
9) AJ100 SIGNALS																				
† 9.1) SIGNAL, ILLUM, GROUND, WHITE STAR, M127 (L312)	A		-	-	-	58.41	13,200	0.771	-	-	-	-	-	-	-	-	-	-	-	-
9.2) SIGNAL, SMOKE, MARINE, MK 145 MOD 0 (DWEF)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.3) SIG KIT MK 189, MOD 0 (L564)	A		-	-	0.103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 9.4) (L258) SIGNAL ILLUMINATION, L80/0 RED STAR (L258)	A		47.45	11,000	0.522	-	-	-	-	-	-	11.15	40,000	0.446	-	-	-	11.15	40,000	0.446
9.5) SIG, SMK ILLUM, MAR, MK 124/13, DISTRESS (L283)	A		-	-	2.318	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 9.6) SIG, SMK ILLUM, MAR, MK 124/1, DISTRESS (LA60)	A		97.70	870	0.085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 9) AJ100 SIGNALS</i>					3.028			0.771			-			0.446			-			0.446
10) TRAINING DEVICES																				
10.1) SIM, BOOBY TRAP, M118 (L599)	A		-	-	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.2) SIM, FLASH, ARTILLERY, M110 (L596)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 10.3) SIM, HAND GRENADE, M116 (L601)	A		44.84	5,776	0.259	13.49	6,300	0.085	14.69	8,100	0.119	13.94	17,000	0.237	-	-	-	13.94	17,000	0.237
† 10.4) SIM, PROJ, GROUND BURST (L594)	A		40.31	6,500	0.262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.5) (L495) FLARE, SURFACE, TRIP, M49 (L495)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.6) (L598) SIM, BOOBY TRAP, M117 (L598)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 10) TRAINING DEVICES</i>					0.538			0.085			0.119			0.237			-			0.237

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0340 - Pyrotechnic and Demolition										Aggregated Item Name: Pyrotechnic and Demolition				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
11) AJ101 SUPPLEMENTAL																				
11.1) NON-EL DET W/ IN-LINE INITIATION (MN52)	A		-	-	0.274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal 11) AJ101 SUPPLEMENTAL</i>					0.274			-			-			-			-			-
12) AJ830 PRODUCTION ENGINEERING																				
12.1) PRODUCTION ENGINEERING (N96)	A		-	-	9.460	-	-	1.923	-	-	1.267	-	-	1.033	-	-	-	-	-	1.033
12.2) PRODUCTION ENGINEERING (N97)	A		-	-	1.732	-	-	0.135	-	-	0.840	-	-	0.918	-	-	-	-	-	0.918
12.3) PRODUCTION ENGINEERING (N95)	A		-	-	0.018	-	-	-	-	-	0.010	-	-	-	-	-	-	-	-	-
<i>Subtotal 12) AJ830 PRODUCTION ENGINEERING</i>					11.210			2.058			2.117			1.951			-			1.951
13) AJ850 PRODUCT IMPROVEMENT (4)																				
13.1) PRODUCT IMPROVEMENT (N97)	A		-	-	0.662	-	-	0.101	-	-	-	-	-	0.264	-	-	-	-	-	0.264
13.2) PRODUCT IMPROVEMENT (N96)	A		-	-	4.946	-	-	0.007	-	-	0.548	-	-	0.448	-	-	-	-	-	0.448
<i>Subtotal 13) AJ850 PRODUCT IMPROVEMENT</i>					5.608			0.108			0.548			0.712			-			0.712
14) AJ893 RENOVATION COMPONENTS																				
14.1) RENOVATION COMPONENTS	A		-	-	1.151	-	-	0.025	-	-	0.261	-	-	0.160	-	-	-	-	-	0.160
<i>Subtotal 14) AJ893 RENOVATION COMPONENTS</i>					1.151			0.025			0.261			0.160			-			0.160
15) AJ894 GAUGE REQUIREMENTS																				
15.1) GAUGE REQUIREMENTS	A		-	-	0.119	-	-	-	-	-	0.003	-	-	0.005	-	-	-	-	-	0.005
<i>Subtotal 15) AJ894 GAUGE REQUIREMENTS</i>					0.119			-			0.003			0.005			-			0.005
16) AJ895 NON- STANDARD																				
16.1) NON-STANDARD	A		-	-	0.057	-	-	-	-	-	0.130	-	-	0.130	-	-	-	-	-	0.130

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0340 - Pyrotechnic and Demolition								Aggregated Item Name: Pyrotechnic and Demolition				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Subtotal 16) AJ895 NON-STANDARD					0.057			-			0.130			0.130			-			0.130
17) AJG86 OVERSEAS CONTINGENCY OPERATIONS																				
† 17.1) CHG, DEML, MK 149 MOD 0 LOW HAZARD FLEX LIN SHP	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 17) AJG86 OVERSEAS CONTINGENCY OPERATIONS					0.000			-			-			-			-			-
18) AJNSW DET, CORDS, CAPS, FUZES																				
† 18.1) CHG, BOOSTER, 20 GM, MK 140 (MM30)	A		-	-	-	3.69	30,000	0.110	-	-	-	-	-	-	-	-	-	-	-	-
† 18.2) ADAPTER, PLI, MK 173, F/M60 FUSE IGNITER (DWBJ)	A		-	-	-	0.72	10,000	0.007	-	-	-	-	-	-	-	-	-	-	-	-
18.3) CHG, DEMO, COMP C-4 M112, 1.25LB (ML03)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.4) IGNITER, TIME BLASTING FUZE (MN08)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.5) DET, NON-EL, 50' DUAL, MK153 (MN51)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.6) NON-EL DET W/ IN-TIME INITIATOR (MN52)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.7) DET NON-EL, 500" DUAL, MK 155 (MN54)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 18) AJNSW DET, CORDS, CAPS, FUZES					0.000			0.117			-			-			-			-
19) AJNSW MINE CHARGERS & CHARGE CUTTERS																				
† 19.1) CHG, DML, BLK, COMP C-4, 1.25 (M023)	A		-	-	-	24.81	11,070	0.275	37.75	13,800	0.521	42.58	14,040	0.598	-	-	-	42.58	14,040	0.598
Subtotal 19) AJNSW MINE CHARGERS & CHARGE CUTTERS					-			0.275			0.521			0.598			-			0.598

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy																Date: April 2013				
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 Nomenclature: 0340 - Pyrotechnic and Demolition										Aggregated Item Name: Pyrotechnic and Demolition				
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
20) AJNSW TRAINING DEVICES																				
20.1) SIM, HAND GERNADE, M116 (L601)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
† 20.2) FLARE, SURFACE TRIP M49 (L495)	A		-	-	-	-	-	-	40.60	5,000	0.203	-	-	-	-	-	-	-	-	-
Subtotal 20) AJNSW TRAINING DEVICES							0.000			-			0.203			-			-	
21) AJNSW SIGNALS																				
21.1) SIM, PROJ, GROUND BURST M115A2 (L594)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.2) SIGNAL, ILLUMINATION, GRND RED/STR PARA (L311)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.3) SIGNAL, ILLUMINATION, GRND GRN/STR CL (L314)	A		-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 21) AJNSW SIGNALS							0.000			-			-			-			-	
22) (NS830) PRODUCTION ENGINEERING																				
22.1) PRODUCTION ENGINEERING	A		-	-	-	-	-	0.371	-	-	0.173	-	-	0.058	-	-	-	-	-	0.058
Subtotal 22) (NS830) PRODUCTION ENGINEERING							-			0.371			0.173			0.058			-	0.058
23) GW1X1-DET CORDS, CPAS & FUZES																				
23.1) NON-EL DET W/ IN-LINE INITIATOR (MN52)	A		-	-	0.122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 23) GW1X1-DET CORDS, CPAS & FUZES							0.122			-			-			-			-	
24) WAXXX ACQUISITION WORKFORCE FUND-2009																				
24.1) ACQUISITION WORKFORCE FUND-2009	A		-	-	0.051	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal 24) WAXXX ACQUISITION WORKFORCE FUND-2009							0.051			-			-			-			-	
Total							63.128			11.870			13.498			10.637			-	10.637

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0340 - Pyrotechnic and Demolition	Aggregated Item Name: Pyrotechnic and Demolition
Footnotes: (1) FY2013 M456 and follow on unit cost assumes contract award to a new vendor which required Vendor Qualification and First Article Acceptance Testing. (2) FY2014 M670 unit cost increased attributed First Article Acceptance Testing associated with vendor. (3) FY2013 M023 unit cost assume contract awarded to new vendor which includes costs for Vendor Qualification and First Article Acceptance Testing. (4) FY2014 cost increase attributed to requirement to update technical data packages for the Rigid Linear Demolition Charge (M995/M997/M998).		

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0340 - Pyrotechnic and Demolition					Aggregated Item Name: Pyrotechnic and Demolition			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
3) AJ100 CUTTERS & CARTRIDGES												
3.1) "POPPER" BLANK CARTRIDGES (AA64)		2013	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Aug 2013	Aug 2014	10,000	1.30	Y		Dec 2012
3.2) AVON CARTRIDGES (AA63)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Sep 2011	Mar 2013	10,200	5.00	Y		Mar 2011
3.2) AVON CARTRIDGES (AA63)	✓	2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Sep 2011	Mar 2013	3,000	5.00	Y		Mar 2011
3.5) CTG, 50 CAL BLANK, ELEC, MK20 (SS01)		2012	TBD / TBD	C / FFP	NSWC CRANE	Jun 2013	Apr 2014	3,420	176.61	Y		May 2012
3.5) CTG, 50 CAL BLANK, ELEC, MK20 (SS01)		2014	TBD / TBD	C / FFP	NSWC CRANE	Mar 2014	Jan 2015	4,110	184.91	Y		May 2012
3.6) CUTTER, MK20, NON-ELECTRIC IN (SS43)		2012	CAD INC / FAIRFIELD, NJ	C / FFP	NAVSUP	Jul 2012	Oct 2013	600	1,141.67	Y		Dec 2011
3.7) MK 277 ENHANCED BLANK (DWEC)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Sep 2011	Sep 2012	4,800	3.54	Y		Jul 2011
3.7) MK 277 ENHANCED BLANK (DWEC)		2013	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Jun 2013	Jun 2014	5,000	3.66	Y		Dec 2012
3.8) MK 278 BLACK POWDER BLANK (AA66)		2013	L-TECH ENTERPRISE / EUBANK, KY	SS / FFP	NSWC CRANE	Aug 2013	Aug 2014	10,000	1.50	Y		Oct 2012
3.9) MK 279 STEEL SLUG (DWED)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Sep 2011	Sep 2012	4,800	5.83	Y		Jul 2011
3.10) MK 280 ALUMINUM SLUG (DWEE)		2011	L-TECH ENT / EUBANK, KY	SS / FFP	NSWC CRANE	Sep 2011	Sep 2012	4,950	5.86	Y		Jul 2011
4) AJ100 DET CORDS, CAPS & FUZES												
4.3) CAP, BLASTING, ELEC, INERT (MP16)		2014	STRESAU LABS / Sponner, WI	C / FFP	NSWC CRANE	Mar 2014	Feb 2015	15,000	21.47	Y		Oct 2008
4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)		2011	STRESAU LABS / SPOONER, WI	C / FFP	NSWC CRANE	Jul 2012	Apr 2014	7,030	40.11	Y		Sep 2011
4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)		2013	STRESAU LABS / SPOONER, WI	C / FFP	NSWC CRANE	Aug 2013	Sep 2014	19,996	41.96	Y		Sep 2011
4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)	✓	2013	STRESAU LABS / SPOONER, WI	C / FFP	NSWC CRANE	Aug 2013	Sep 2014	10,010	41.96	Y		Sep 2011
4.4) CAP, BLASTING, ELECTRIC MK 18 MOD 0 (DWHH)		2014	STRESAU LABS / SPOONER, WI	C / FFP	NSWC CRANE	Mar 2014	Sep 2015	34,900	42.72	Y		Sep 2011
4.7) CAP, BLASTIN, NON-ELEC, INERT (M097)	✓	2012	STRESAU LABS / SPOONER, WI	C / FFP	JMC ROCK ISLAND	Jun 2012	Apr 2013	9,800	21.02	Y		Oct 2011

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0340 - Pyrotechnic and Demolition					Aggregated Item Name: Pyrotechnic and Demolition			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4.10) CORD, DETONATING, PRIMACORD (M456)		2010	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Dec 2009	Jun 2011	852,000	0.53	Y		Oct 2009
4.10) CORD, DETONATING, PRIMACORD (M456)	✓	2010	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Mar 2010	Sep 2011	500,000	0.53	Y		Oct 2009
4.10) CORD, DETONATING, PRIMACORD (M456)		2011	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Jun 2011	Dec 2011	568,000	0.60	Y		Oct 2009
4.10) CORD, DETONATING, PRIMACORD (M456)		2012	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Jun 2013	Sep 2014	164,000	0.79	Y		Oct 2009
4.10) CORD, DETONATING, PRIMACORD (M456)		2013	ENSIGN BICKFORD / GRAHAM, KY	SS / FFP	JMC ROCK ISLAND	Jun 2013	Sep 2014	185,000	2.60	Y		Dec 2012
4.10) CORD, DETONATING, PRIMACORD (M456)	✓	2013	ENSIGN BICKFORD / GRAHAM, KY	SS / FFP	JMC ROCK ISLAND	Jun 2013	Sep 2014	123,846	2.60	Y		Dec 2012
4.10) CORD, DETONATING, PRIMACORD (M456)		2014	ENSIGN BICKFORD / GRAHAM, KY	SS / FFP	JMC ROCK ISLAND	Mar 2014	Sep 2015	605,000	0.81	Y		Sep 2013
4.13) DETONATOR, DEL, 175MS, MK 156 30 FT (DWEJ)		2012	TBD / TBD	C / FFP	JMC ROCK ISLAND	Apr 2013	Jun 2014	10,000	17.40	Y		Aug 2012
4.14) DETONATOR, DEL, 17MS, MK 158 (DWEL)		2012	TBD / TBD	C / FFP	JMC ROCK ISLAND	Apr 2013	Jun 2014	3,000	18.33	Y		Aug 2012
4.15) DETONATOR, DEL, 200MS, MK 157 (DWEK)		2012	TBD / TBD	C / FFP	JMC ROCK ISLAND	Apr 2013	Jun 2014	6,000	18.17	Y		Aug 2012
4.16) DETONATOR, DEL, 25MS, MK 160 (DWEN)		2012	TBD / TBD	C / FFP	JMC ROCK ISLAND	Apr 2013	Jun 2014	2,000	18.50	Y		Aug 2012
4.17) DETONATOR, DEL, 42MS, MK 159 (DWEM)		2012	TBD / TBD	C / FFP	JMC ROCK ISLAND	Apr 2013	Jun 2014	3,000	18.33	Y		Aug 2012
4.20) EOD REFILL KIT-LMNS (DWGJ)		2013	NORTHSIDE MACHINE CO / DUGGER, IN	C / FFP	NSWC CRANE	Feb 2013	Jan 2014	600	446.67	Y		Dec 2012
4.22) FIRING DEVICE DEMO MK 67 (MP19)		2011	ROTHENBUHLER ENGINEERING / Spokane, WA	C / IDIQ	NSWC CRANE	Mar 2011	Sep 2012	126	20,349.21	Y		Oct 2007
4.23) FIRING DEVICE, ACOUSTIC MK 5 (MP23)		2012	HI-SHEAR TECH / TORRANCE, CA	C / FFP	NSWC CRANE	Aug 2012	Feb 2014	312	1,618.59	Y		Oct 2008
4.24) FIRING DEVICE, MK 62 (MN81)		2013	TBD / TBD	C / TBD	NSWC CRANE	Aug 2013	Aug 2014	700	1,091.50	Y		Dec 2012
4.25) FUZE, BLASTING, TIME (M670)		2010	RTI TECHNOLOGIES / COLUMBIA, CT	C / FFP	JMC ROCK ISLAND	Mar 2012	Jun 2013	428,000	0.58	Y		Mar 2011
4.25) FUZE, BLASTING, TIME (M670)	✓	2011	RTI TECHNOLOGIES / COLUMBIA, CT	C / FFP	JMC ROCK ISLAND	Mar 2012	Apr 2014	436,000	0.58	Y		Mar 2011
4.25) FUZE, BLASTING, TIME (M670)		2012	RTI TECHNOLOGIES 2 / COLUMBIA, CT	C / FFP	JMC ROCK ISLAND	Apr 2012	Jun 2014	492,000	0.40	Y		Mar 2011

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0340 - Pyrotechnic and Demolition					Aggregated Item Name: Pyrotechnic and Demolition			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
4.25) FUZE, BLASTING, TIME (M670)	✓	2013	TBD / TBD	C / FFP	JMC ROCK ISLAND	Aug 2013	Aug 2014	415,000	0.40	Y		Dec 2012
4.25) FUZE, BLASTING, TIME (M670)		2014	TBD / TBD	C / FFP	JMC ROCK ISLAND	Mar 2014	Jul 2015	361,000	0.54	Y		Dec 2013
4.26) IGNITIER, TIME BLASTING FUZE (MN08)	✓	2011	MAST TECHNOLOGY / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Jun 2011	Apr 2012	46,980	5.77	Y		Oct 2009
4.26) IGNITIER, TIME BLASTING FUZE (MN08)		2013	MAST TECHNOLOGY / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Aug 2013	Jun 2014	35,000	6.80	Y		Dec 2012
4.26) IGNITIER, TIME BLASTING FUZE (MN08)	✓	2013	MAST TECHNOLOGY / INDEPENDENCE, MO	C / FFP	JMC ROCK ISLAND	Aug 2013	Jun 2014	37,352	6.80	Y		Dec 2012
4.28) REMOTE FIRING DEVICE, MK 66 MOD (DWGZ)		2013	TBD / TBD	C / FFP	NSWC CRANE	Jul 2013	Jan 2015	5,000	65.20	Y		Dec 2012
4.32) SQUIB, ELECTRONIC, MK 20 MOD 1 (JM94)		2011	STRESAU LABS / SPOONER. WI	C / FFP	NSWC CRANE	Sep 2012	Apr 2014	8,000	44.38	Y		Feb 2011
4.32) SQUIB, ELECTRONIC, MK 20 MOD 1 (JM94)		2013	STRESAU LABS / SPOONER. WI	C / FFP	NSWC CRANE	Aug 2013	Aug 2014	9,400	46.49	Y		Dec 2012
5) MINE CHARGES & CHARGE CUTTERS												
5.3) CHG KIT, DML, MK 75 (MW84)		2010	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Sep 2011	Nov 2012	745	1,063.09	Y		Oct 2009
5.3) CHG KIT, DML, MK 75 (MW84)		2012	ENSIGN BICKFORD 2 / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Dec 2011	Dec 2012	454	1,552.86	Y		Oct 2009
5.5) CHG, BOOSTER, 20 GM, MK 140 (MM30)		2013	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	NSWC CRANE	Jun 2013	Dec 2014	20,050	4.09	Y		Dec 2012
5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)	✓	2011	AMERICAN ORDANCE 2 / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Jun 2011	May 2013	14,430	27.51	Y		Oct 2009
5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)		2012	AMERICAN ORDANCE 2 / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2012	Sep 2014	22,770	24.81	Y		Oct 2009
5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)	✓	2012	AMERICAN ORDANCE 3 / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2012	Dec 2015	27,530	24.81	Y		Oct 2009
5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)		2013	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2013	Mar 2016	36,255	37.76	Y		Dec 2012
5.6) CHG, DML, BLK, COMP C-4, 1.25 (M023)	✓	2013	AMERICAN ORDANCE 3 / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Aug 2013	Mar 2016	14,989	37.76	Y		Dec 2012
5.8) CHG, DML, SHAPED, M3, 40 LB (M421)		2012	AMERICAN ORDNANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2012	May 2013	90	744.44	Y		Oct 2010
5.9) CHG, DEML, MK 144 MOD O LOW HAZARD FLEX (MM52)	✓	2013	TBD / TBD	C / FFP	NSWC CRANE	Jun 2013	Sep 2014	10,000	49.50	Y		Dec 2012

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0340 - Pyrotechnic and Demolition					Aggregated Item Name: Pyrotechnic and Demolition			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
5.11) CHG, DML, XPL ROLL, 25 FT (M981)		2011	ENSIGN BICKFORD / GRAHAM, KY	C / FFP	JMC ROCK ISLAND	Jun 2011	Mar 2012	2,650	34.72	Y		Oct 2008
5.14) MK 147 BATTERY (CWBD)		2010	BREN-TRONICS INC / Commack, NY	C / FFP	NSWC CRANE	Sep 2011	Sep 2012	132	166.67	Y		Jan 2011
5.17) (MN70) CUTTER, POWDER ACTUATED MK 23/1 (MN70)		2013	TBD / TBD	C / FFP	NSWC CRANE	Aug 2013	Feb 2015	700	405.71	Y		Dec 2012
5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)		2011	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	JMC ROCK ISLAND	Apr 2011	Mar 2012	2,432	18.09	Y		Dec 2010
5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)	✓	2013	ENSIGN BICKFORD / SIMSBURY, CT	C / FFP	JMC ROCK ISLAND	Aug 2013	Jan 2015	5,000	19.80	Y		Dec 2012
5.18) CHARGE, DEMO SHEET, FLEXIBLE, 0.043 THICK (M994)		2013	ENSIGN BICKFORD 2 / SIMSBURY, CT	C / FFP	JMC ROCK ISLAND	Apr 2013	Oct 2014	5,000	19.80	Y		Dec 2012
5.20) (MN71) CUTTER, POWDER ACTUATED MK 24/1		2014	TBD / TBD	C / TBD	NSWC CRANE	Mar 2014	Sep 2015	716	609.00	Y		Mar 2013
5.21) (MM54) CHG, DEML, MK149 MOD0 LOW HAZ FLEX LIN SHP (MM54)		2012	DONOVAN INDUSTRIES / Graham, KY	C / FFP	NSWC CRANE	Sep 2012	Sep 2013	5,430	61.88	Y		Oct 2008
5.21) (MM54) CHG, DEML, MK149 MOD0 LOW HAZ FLEX LIN SHP (MM54)	✓	2012	DONOVAN INDUSTRIES / Graham, KY	C / FFP	NSWC CRANE	Sep 2012	Sep 2013	7,350	61.90	Y		Oct 2008
5.22) (MM53) Chg, Demo, Mk 145 Low Hazard Flex (MM53)		2012	DONOVAN INDUSTRIES / Graham, KY	C / FFP	NSWC CRANE	Sep 2012	Sep 2013	3,640	48.63	Y		Oct 2008
6) AJ100 HARDWARE (N97 SPONSOR)												
6.1) MARKER, LOCATION, SUB, MK 120/23, GREEN (L259)		2010	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	May 2012	Nov 2013	463	1,416.85	Y		Mar 2011
6.1) MARKER, LOCATION, SUB, MK 120/23, GREEN (L259)		2014	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Mar 2014	Jul 2015	655	1,598.47	Y		Mar 2011
6.2) MARKER, LOCATION, SUB, MK 121 YELLOW (L260)		2013	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Aug 2013	Aug 2014	301	1,554.82	Y		Mar 2011
6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)		2010	CHEMRING ORDANCE INC 3 / PERRY, FL	C / FFP	NSWC CRANE	Dec 2011	Nov 2013	139	1,625.90	Y		Mar 2011
6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)		2011	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Sep 2011	Nov 2013	181	2,574.59	Y		Mar 2011
6.3) SIG, SMK ILLUM, MAR, MK 117, GREEN (LA26)		2013	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Aug 2013	Aug 2014	476	1,573.53	Y		Dec 2012
6.5) MARKER, LOCATION, SUB, MK 140/66, RED (LA28)		2010	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	NSWC CRANE	Sep 2011	Mar 2013	167	2,622.75	Y		Mar 2011
6.6) BOLT, EXPL, MK5/0 (M254)		2012	UNKNOWN / UNKNOWN	C / FFP	NAVSUP	Mar 2013	Sep 2014	100	18,604.90	Y		Oct 2011

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0340 - Pyrotechnic and Demolition					Aggregated Item Name: Pyrotechnic and Demolition			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
8) AJ100 SHOCK TEST CHARGES												
8.1) CHARGE, SHOCK TEST, 60 LB (XW65)		2014	UNKNOWN / UNKNOWN	C / FFP	JMC ROCK ISLAND	Mar 2014	Sep 2015	397	2,261.31	Y		Sep 2013
9) AJ100 SIGNALS												
9.1) SIGNAL, ILLUM, GROUND, WHITE STAR, M127 (L312)		2012	SECURITY SIGNALS / CORDOVA, TN	C / FFP	JMC ROCK ISLAND	Mar 2012	Oct 2013	7,858	58.41	Y		Oct 2011
9.1) SIGNAL, ILLUM, GROUND, WHITE STAR, M127 (L312)	✓	2012	SECURITY SIGNALS / CORDOVA, TN	C / FFP	JMC ROCK ISLAND	Mar 2012	Oct 2013	5,342	58.41	Y		Oct 2011
9.4) (L258) SIGNAL ILLUMINATION, ,L80/0 RED STAR (L258)		2011	BULOVA TECH.ORD.SYSTEMS / MAYO, FL	C / FFP	NSWC CRANE	May 2012	Nov 2013	11,000	47.45	Y		Apr 2011
9.4) (L258) SIGNAL ILLUMINATION, ,L80/0 RED STAR (L258)		2014	BULOVA TECH.ORD.SYSTEMS / MAYO, FL	C / FFP	NSWC CRANE	Mar 2014	Sep 2015	40,000	11.15	Y		Apr 2011
9.6) SIG, SMK ILLUM, MAR, MK 124/1, DISTRESS (LA60)		2011	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	JMC ROCK ISLAND	Sep 2011	Mar 2013	870	97.70	Y		Apr 2011
10) TRAINING DEVICES												
10.3) SIM, HAND GRENADE, M116 (L601)		2011	GRUCCI INC / BROOKHAVEN, NY	C / FFP	JMC ROCK ISLAND	May 2012	Jan 2015	5,776	13.33	Y		Oct 2011
10.3) SIM, HAND GRENADE, M116 (L601)		2012	GRUCCI INC / BROOKHAVEN, NY	C / FFP	JMC ROCK ISLAND	May 2012	Jan 2015	6,300	13.49	Y		Oct 2011
10.3) SIM, HAND GRENADE, M116 (L601)		2013	GRUCCI INC / BROOKHAVEN, NY	C / FFP	JMC ROCK ISLAND	Mar 2013	Jan 2016	8,100	14.69	Y		Oct 2011
10.3) SIM, HAND GRENADE, M116 (L601)		2014	GRUCCI INC / BROOKHAVEN, NY	C / FFP	JMC ROCK ISLAND	Mar 2014	Jan 2017	17,000	13.94	Y		Oct 2011
10.4) SIM, PROJ, GROUND BURST (L594)		2011	GRUCCI INC / BROOKHAVEN, NY	C / FFP	JMC ROCK ISLAND	Aug 2011	Jun 2014	6,500	14.77	Y		Oct 2010
18) AJNSW DET, CORDS, CAPS, FUZES												
18.1) CHG, BOOSTER, 20 GM, MK 140 (MM30)		2012	ENSIGN BICKFORD / SIMSBURY, CT	C / TBD	NSWC CRANE	Jun 2012	Dec 2013	30,000	3.69	Y		Feb 2012
18.2) ADAPTER, PLI, MK 173, F/ M60 FUSE IGNITER (DWBJ)		2012	TBD / TBD	C / TBD	NSWC CRANE	Mar 2013	Sep 2014	10,000	0.72	Y		Mar 2012
19) AJNSW MINE CHARGERS & CHARGE CUTTERS												
19.1) CHG, DML, BLK, COMP C-4, 1.25 (M023)		2012	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2013	Mar 2014	11,070	24.81	Y		Dec 2012

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0340 - Pyrotechnic and Demolition					Aggregated Item Name: Pyrotechnic and Demolition			
Items	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
19.1) CHG, DML, BLK, COMP C-4, 1.25 (M023)		2013	AMERICAN ORDANCE / MIDDLETOWN, IA	C / FFP	JMC ROCK ISLAND	Mar 2013	Mar 2014	13,800	37.75	N		Dec 2012
19.1) CHG, DML, BLK, COMP C-4, 1.25 (M023)		2014	AMERICAN ORDANCE / MIDDLETOWN, IA	SS / FFP	JMC ROCK ISLAND	Jun 2014	Jun 2015	14,040	42.58	Y		Dec 2013
20) AJNSW TRAINING DEVICES												
20.2) FLARE, SURFACE TRIP M49 (L495)		2013	CHEMRING ORDANCE INC / PERRY, FL	C / FFP	JMC ROCK ISLAND	Mar 2013	Sep 2013	5,000	40.60	Y		Dec 2012

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy										Date: April 2013			
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 Nomenclature: 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:			
MDAP/MAIS Code(s):													

Resource Summary	Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	To Complete	Total
Procurement Quantity <i>(Units in Each)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost <i>(\$ in Millions)</i>	36.205	10.107	10.424	4.578	-	4.578	4.705	4.745	4.704	4.661	Continuing	Continuing
Less PY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P1) <i>(\$ in Millions)</i>	36.205	10.107	10.424	4.578	-	4.578	4.705	4.745	4.704	4.661	Continuing	Continuing
Plus CY Advance Procurement <i>(\$ in Millions)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority <i>(\$ in Millions)</i>	36.205	10.107	10.424	4.578	-	4.578	4.705	4.745	4.704	4.661	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>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost <i>(Units in Dollars)</i>	-	-	-	-	-	-	-	-	-	-	-	-

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Description:

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.

The LUU-19 aircraft parachute flare is 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.

Item Schedule		ID CD	Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
Item Nomenclature*	Exhibits		Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
Ammunition less than \$5 million	P40A, P5A, P21				36.205			10.107			10.424			4.578			-			4.578
Total Gross/Weapon System Cost					36.205			10.107			10.424			4.578			-			4.578

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

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

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Exhibit P-40, Budget Item Justification Sheet: PB 2014 Navy		Date: April 2013
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 Nomenclature: 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:
MDAP/MAIS Code(s):		
Justification: The FY 2012 baseline provides funding for MK-58 marine location marker and other support costs which include procurement of non-standard items, renovation components, and Product Improvement Program (PIP) efforts. The PIP efforts are required to improve the safety and reliability of marine location markers and parachute flares. The FY 2013 baseline provides funding for MK-58 marine location marker, LUU-19 parachute flares procurement, and other support costs which include procurement of non-standard items, renovation components, and Product Improvement Program (PIP) efforts. The PIP efforts are required to improve the safety and reliability of marine location markers and parachute flares. The FY 2014 baseline provides funding for MK-58 marine location marker, LUU-19 parachute flares procurement, and other support costs which include procurement of non-standard items, renovation components, and Product Improvement Program (PIP) efforts. The PIP efforts are required to improve the safety and reliability of marine location markers and parachute flares. The FY 2012 Overseas Contingency Operations (OCO) funding (\$6M) provides approximately 4,000 LUU-19 aircraft parachute flares. The FY 2013 OCO funding (\$6.3M) provides approximately 4,000 LUU-19 aircraft parachute flares and associated support costs.		

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Exhibit P-40A, Budget Item Justification For Aggregated Items: PB 2014 Navy															Date: April 2013					
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 Nomenclature: 0400 - Ammunition less than \$5 million						Aggregated Item Name: Ammunition less than \$5 million								
Items († indicates the presence of a P-5A)	ID CD	MDAP/ MAIS Code	All Prior Years			FY 2012			FY 2013			FY 2014 Base			FY 2014 OCO			FY 2014 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
1) HARDWARE																				
† 1.1) (A5010) MK-58 MARINE LOCATION MARKERS ⁽¹⁾	A		1,876.58	11,546	21.667	439.84	6,591	2.899	447.52	4,697	2.102	455.09	2,527	1.150	-	-	-	455.09	2,527	1.150
† 1.2) (A5011) LUU-19 PARAFLARES ⁽²⁾	A		-	-	-	1,500.12	4,000	6.000	1,577.00	4,851	7.650	1,602.50	1,843	2.953	-	-	-	1,602.50	1,843	2.953
1.3) (A5894) Miscellaneous ⁽³⁾	A		-	-	-	-	-	0.030	-	-	0.027	-	-	0.052	-	-	-	-	-	0.052
Subtotal 1) <i>HARDWARE</i>					21.667			8.929			9.779			4.155			-			4.155
2) PRODUCTION SUPPORT																				
2.1) (A5820) Mk-58 Marine Location Marker Support	A		-	-	14.538	-	-	1.098	-	-	0.564	-	-	0.340	-	-	-	-	-	0.340
2.2) (A5820) LUU-19 Paraflares Support	A		-	-	-	-	-	0.080	-	-	0.081	-	-	0.083	-	-	-	-	-	0.083
Subtotal 2) <i>PRODUCTION SUPPORT</i>					14.538			1.178			0.645			0.423			-			0.423
Total					36.205			10.107			10.424			4.578			-			4.578
Footnotes: (1) Unit Cost is dependant on total quantities from the USAF and USN. (2) Unit Cost is dependant on total quantities from the USAF and USN. (3) Miscellaneous includes non-standard items and renovation components.																				

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Exhibit P-5A, Budget Procurement History and Planning: PB 2014 Navy									Date: April 2013			
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 Nomenclature: 0400 - Ammunition less than \$5 million						Aggregated Item Name: Ammunition less than \$5 million			
Items († indicates the presence of a P-21)	O C O	FY	Contractor and Location	Method/Type, or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$)	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1) HARDWARE												
1.1) (A5010) MK-58 MARINE LOCATION MARKERS		2011	KILGORE FLARES / TOONE, TN	SS / FFP	NAVAIR Patuxent River, MD	Mar 2011	Mar 2012	8,340	417.39	Y		Jan 2007
1.1) (A5010) MK-58 MARINE LOCATION MARKERS		2012	KILGORE FLARES / TOONE, TN	SS / FFP	NAVAIR Patuxent River, MD	Aug 2012	Aug 2013	6,591	439.84	Y		Jun 2012
1.1) (A5010) MK-58 MARINE LOCATION MARKERS		2013	KILGORE FLARES / TOONE, TN	SS / FFP	NAVAIR Patuxent River, MD	Mar 2013	Mar 2014	4,697	447.52	Y		Jun 2012
1.1) (A5010) MK-58 MARINE LOCATION MARKERS		2014	KILGORE FLARES / TOONE, TN	SS / FFP	NAVAIR Patuxent River, MD	Mar 2014	Mar 2015	2,527	455.09	Y		Jun 2012
†1.2) (A5011) LUU-19 PARAFLARES	✓	2012	ATK / Brigham, UTAH	SS / FFP	NAVAIR Patuxent River, MD	Mar 2012	Mar 2013	4,000	1,500.12	Y		Oct 2011
†1.2) (A5011) LUU-19 PARAFLARES		2013	ATK / Brigham, UTAH	SS / FFP	NAVAIR Patuxent River, MD	Mar 2013	Mar 2014	851	1,577.00	Y		Oct 2011
†1.2) (A5011) LUU-19 PARAFLARES	✓	2013	ATK / Brigham, UTAH	SS / FFP	NAVAIR Patuxent River, MD	Mar 2013	Mar 2014	4,000	1,577.00	Y		Oct 2011
†1.2) (A5011) LUU-19 PARAFLARES		2014	ATK / Brigham, UTAH	SS / FFP	NAVAIR Patuxent River, MD	Mar 2014	Mar 2015	1,843	1,602.50	Y		Oct 2011

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																							Date: April 2013										
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 Nomenclature: 0400 - Ammunition less than \$5 million													Aggregated Item Name: Ammunition less than \$5 million										
Items <i>(Units in Each)</i>							Fiscal Year 2011													Fiscal Year 2012													
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011													Calendar Year 2012													B A L
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
1) HARDWARE																																	
1.2) (A5011) LUU-19 PARAFLARES																																	
✓	70	2012	NAVY	4,000	-	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	4,000
	70	2013	NAVY	851	-	851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	851
✓	70	2013	NAVY	4,000	-	4,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,000
	70	2014	NAVY	1,843	-	1,843	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,843
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L		

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013												
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 Nomenclature: 0400 - Ammunition less than \$5 million										Aggregated Item Name: Ammunition less than \$5 million												
Items <i>(Units in Each)</i>							Fiscal Year 2013										Fiscal Year 2014															
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013										Calendar Year 2014										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1) HARDWARE																																
1.2) (A5011) LUU-19 PARAFLARES																																
✓	70	2012	NAVY	4,000	-	4,000	-	-	-	-	-	-	333	333	333	333	333	333	333	334	334	334	334									-
	70	2013	NAVY	851	-	851	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	70	71	71	71	71	71	71	355	
✓	70	2013	NAVY	4,000	-	4,000	-	-	-	-	-	A -	-	-	-	-	-	-	-	-	-	-	-	333	333	333	333	333	333	333	1,669	
	70	2014	NAVY	1,843	-	1,843	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	A -	-	-	-	-	-	-	1,843		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy																				Date: April 2013												
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 Nomenclature: 0400 - Ammunition less than \$5 million										Aggregated Item Name: Ammunition less than \$5 million												
Items <i>(Units in Each)</i>							Fiscal Year 2015										Fiscal Year 2016															
O C O	M F R #	FY	SERVICE±	PROC QTY	ACCEP PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015										Calendar Year 2016										B A L					
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U N	J U L	A U G	S E P	
1) HARDWARE																																
1.2) (A5011) LUU-19 PARAFLARES																																
✓	70	2012	NAVY	4,000	4,000	-																										-
	70	2013	NAVY	851	496	355	71	71	71	71	71																					-
✓	70	2013	NAVY	4,000	2,331	1,669	333	334	334	334	334																					-
	70	2014	NAVY	1,843	-	1,843	-	-	-	-	-	153	153	153	153	153	154	154	154	154	154	154	154									-
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	B A L	

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Exhibit P-21, Budget Production Schedule: PB 2014 Navy		Date: April 2013
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 Nomenclature: 0400 - Ammunition less than \$5 million	Aggregated Item Name: Ammunition less than \$5 million

		Production Rates (Each / Year)			Procurement Leadtime (Months)							
MFR #	MFR Name - Location	MSR	1-8-5	MAX	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Mfg PLT	Total After Oct 1
1	ATK - Brigham, UTAH	1,500.00	3,000.00	6,000.00	-	-	-	-	-	6	12	18

"A" in the Delivery Schedule indicated the Contract Award Date.

Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 99,999, all quantities are shown as each. If the maximum quantity is between 100,000 and 99,999,499 all quantities are shown in thousands (rounded to the nearest thousand). If the maximum quantity is greater than 99,999,499 all quantities are shown in millions (rounded to the nearest million).