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**Exhibit P-40, Budget Line Item Justification:** PB 2020 Navy **Date:** March 2019

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N: Procurement of Ammo, Navy & MC / BA 01: Proc Ammo, Navy / BSA 1: Navy Ammunition	<b>P-1 Line Item Number / Title:</b> 0266 / Intermediate Caliber Gun Ammo
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<b>ID Code</b> (A=Service Ready, B=Not Service Ready): A	<b>Program Elements for Code B Items:</b> N/A	<b>Other Related Program Elements:</b> N/A
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**Line Item MDAP/MAIS Code:** N/A

Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	To Complete	Total
Procurement Quantity ( <i>Units in Each</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	161.496	12.804	32.151	0.000	37.193	37.193	37.892	38.659	39.418	40.206	-	399.819
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	161.496	12.804	32.151	0.000	37.193	37.193	37.892	38.659	39.418	40.206	-	399.819
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>161.496</b>	<b>12.804</b>	<b>32.151</b>	<b>0.000</b>	<b>37.193</b>	<b>37.193</b>	<b>37.892</b>	<b>38.659</b>	<b>39.418</b>	<b>40.206</b>	<b>-</b>	<b>399.819</b>

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

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

**Description:**

FY 2020 funding totals include \$0.0M for Base and \$37.193M for Overseas Contingency Operations (OCO); of which \$37.193M is realigned as part of the OCO for Base Requirements. FY 2020 OCO for Base Requirements is OCO funding for base budget requirements in support of the National Defense Strategy. The Budget requests these funds in OCO to comply with the base budget defense caps included in the Budget Control Act of 2011.

Program procures intermediate caliber family of fixed ammunition for United States Navy and United States Coast Guard (USCG) use. The Navy's primary use for intermediate caliber ammunition is to engage both surface and air targets. USCG primary use is for drug interdiction, homeland defense, and Visit, Board, Search and Seizure (VBSS). Intermediate caliber ammunition is currently employed on the Littoral Combat Ship (LCS) and the USCG National Security Cutter.

[P40A / CART., 57MM TP MK296 (BA23)]: 57MM ammunition is used in the MK110 Gun to provide Anti Air Warfare, Anti Surface Warfare and Fast Attack Craft/Fast Attack In-Shore Craft (FAC/FAIC) defense on USN LCS and USCG Maritime Security Cutter Large platforms.

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**Exhibit P-40, Budget Line Item Justification:** PB 2020 Navy **Date:** March 2019

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

**P-1 Line Item Number / Title:**  
0266 / Intermediate Caliber Gun Ammo

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

**Line Item MDAP/MAIS Code:** N/A

Exhibits Schedule					Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a	Intermediate Caliber Gun Ammo	P-5a, P-21			- / 161.496	- / 12.804	- / 32.151	- / 0.000	- / 37.193	- / 37.193
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>- / 161.496</b>	<b>- / 12.804</b>	<b>- / 32.151</b>	<b>- / 0.000</b>	<b>- / 37.193</b>	<b>- / 37.193</b>

\*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

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

**Justification:**  
 FY2020 funding increase supports Advanced Low Cost Munition Ordnance (ALaMO) transition to full-rate production and procurement of 57MM TP MK296 (BA23).  
 FY2020 production engineering and gauge requirements increased slightly to account for additional quantities.

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**Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2020 Navy** **Date:** March 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 1508N / 01 / 1 **P-1 Line Item Number / Title:** 0266 / Intermediate Caliber Gun Ammo **Aggregated Items Title:** Intermediate Caliber Gun Ammo

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 Total		
			Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$)	Qty (Each)	Total Cost (\$ M)
<b>1) AL100 TRANSPORTATION ACCOUNT CODE <sup>(1)</sup></b>																				
1.1) TRANSPORTATION ACCOUNT CODE	A		-	-	0.315	-	-	0.062	-	-	0.068	-	-	0.000	-	-	0.069	-	-	0.069
<b>Subtotal: 1) AL100 TRANSPORTATION ACCOUNT CODE</b>			-	-	0.315	-	-	0.062	-	-	0.068	-	-	0.000	-	-	0.069	-	-	0.069
<b>2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</b>																				
2.1) CART., 57MM DUMMY, RAMMABLE (BA50) <sup>(†)</sup>	A		323.77	244	0.079	-	-	-	490.00	600	0.294	-	-	-	-	-	-	-	-	-
2.2) CART., 57MM, 3P MK295 (BA22) <sup>(†)</sup>	A		4,695.69	16,457	77.277	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) CART., 57MM TP MK296 (BA23) <sup>(2)(†)</sup>	A		2,527.27	15,899	40.181	2,291.02	3,872	8.871	-	-	-	-	-	0.000	1,245.47	5,997	7.469	1,245.47	5,997	7.469
2.4) CART 57MM ALaMO (HE-4G) <sup>(3)(†)</sup>	A		-	-	-	-	-	-	22,000.00	886	19.492	-	-	0.000	14,000.00	1,935	27.090	14,000.00	1,935	27.090
2.5) CART., 57MM, HE-PD <sup>(4)(†)</sup>	A		2,520.93	4,300	10.840	1,500.00	1,370	2.055	1,750.00	5,780	10.115	-	-	-	-	-	-	-	-	-
<b>Subtotal: 2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</b>			-	-	128.377	-	-	10.926	-	-	29.901	-	-	0.000	-	-	34.559	-	-	34.559
<b>3) AL830 PRODUCTION ENGINEERING <sup>(5)</sup></b>																				
3.1) PRODUCTION ENGINEERING	A		-	-	14.394	-	-	1.658	-	-	2.142	-	-	0.000	-	-	2.505	-	-	2.505
<b>Subtotal: 3) AL830 PRODUCTION ENGINEERING</b>			-	-	14.394	-	-	1.658	-	-	2.142	-	-	0.000	-	-	2.505	-	-	2.505
<b>4) AL850 PRODUCT IMPROVEMENT <sup>(6)</sup></b>																				
4.1) PRODUCT IMPROVEMENT	A		-	-	17.635	-	-	0.128	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: 4) AL850 PRODUCT IMPROVEMENT</b>			-	-	17.635	-	-	0.128	-	-	-	-	-	-	-	-	-	-	-	-
<b>5) AL894 GAUGE REQUIREMENTS <sup>(7)</sup></b>																				
5.1) GAUGE REQUIREMENTS	A		-	-	0.775	-	-	0.030	-	-	0.040	-	-	0.000	-	-	0.060	-	-	0.060
<b>Subtotal: 5) AL894 GAUGE REQUIREMENTS</b>			-	-	0.775	-	-	0.030	-	-	0.040	-	-	0.000	-	-	0.060	-	-	0.060
<b>Total</b>			-	-	161.496	-	-	12.804	-	-	32.151	-	-	0.000	-	-	37.193	-	-	37.193

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Footnotes:

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<b>Exhibit P-40a, Budget Item Justification For Aggregated Items:</b> PB 2020 Navy		<b>Date:</b> March 2019
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 01 / 1	<b>P-1 Line Item Number / Title:</b> 0266 / Intermediate Caliber Gun Ammo	<b>Aggregated Items Title:</b> Intermediate Caliber Gun Ammo

- (1) AL100: Provides for complete rounds and conducts acceptance testing of intermediate caliber ammunition. Procurement includes intermediate caliber ammunition, all types, and includes high explosive service rounds, Target Practice and dummy rounds. Provides for cost associated with Transportation Account Code (TAC) that are for first destination of delivery of production items.
- (2) No FY2019 57MM TP CART procurement planned to maximize new award of 57MM ALaMO (HE-4G).
- (3) 57MM ALaMO (HE-4G) procurement increased from FY2019 to FY2020 as there is no procurement of HE-PD planned for FY2020.
- (4) 57MM HE-PD procurement alternates years following FY2019 to ensure economic order quantities are met.
- (5) AL830: Production Engineering - Provides for production engineering services to support new acquisition and in production ammunition.
- (6) AL850: Product Improvement engineering services and related efforts by government activities, the producing contractor or manufacturing installation, are executed to extend the useful military life of an item or to improve the item within the current performance envelope.
- (7) AL894: Gauge Requirements - Provides for procurement of gauges, auxiliary and test equipment and support costs necessary for ammunition metrology to check critical dimensions/parameters of ammunition items and their parts. This is to assure proper mating of parts and subassemblies, assure correct interfacing between the ammunition and guns, and proper ammunition performance.

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**Exhibit P-5a, Procurement History and Planning: PB 2020 Navy** **Date:** March 2019

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 1508N / 01 / 1	<b>P-1 Line Item Number / Title:</b> 0266 / Intermediate Caliber Gun Ammo	<b>Aggregated Items:</b> Intermediate Caliber Gun Ammo
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Item Number / Title [DODIC]	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 Revision Available	RFP Issue Date
<b>2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</b>												
2.1) CART., 57MM DUMMY, RAMMABLE (BA50)		2019	TBD / TBD	C / FFP	NSWC-IH	Aug 2019	Feb 2020	600	490.00	N	Jan 2019	Mar 2019
2.2) CART., 57MM, 3P MK295 (BA22) <sup>(†)</sup>		2013	BAE SYSTEMS / MINNESOTA	SS / FFP	Picatinny, NJ	Apr 2014	Jun 2020	2,500	6,790.47	Y		Aug 2013
2.2) CART., 57MM, 3P MK295 (BA22) <sup>(†)</sup>		2014	BAE SYSTEMS / MINNESOTA	SS / FFP	NSWC-IH	May 2015	Dec 2020	6,360	4,113.40	Y		Oct 2014
2.2) CART., 57MM, 3P MK295 (BA22) <sup>(†)</sup>		2016	BAE SYSTEMS / MINNESOTA	SS / FFP	Picatinny, NJ	Aug 2016	Oct 2021	3,580	4,278.47	Y		Jan 2016
2.3) CART., 57MM TP MK296 (BA23) <sup>(2)(†)</sup>		2017	BAE SYSTEMS / MINNESOTA	SS / FFP	Picatinny, NJ	Aug 2018	Oct 2021	3,690	2,096.19	Y		Oct 2017
2.3) CART., 57MM TP MK296 (BA23) <sup>(2)(†)</sup>		2018	BAE SYSTEMS / MINNESOTA	SS / FFP	Picatinny, NJ	Aug 2018	Oct 2021	3,872	2,291.02	Y		Oct 2017
2.3) CART., 57MM TP MK296 (BA23) <sup>(2)(†)</sup>	✓	2020	TBD / TBD	C / FFP	Picatinny, NJ	Mar 2020	Mar 2022	5,997	1,245.47	Y		Oct 2019
2.4) CART 57MM ALaMO (HE-4G) <sup>(3)(†)</sup>		2019	L-3 MUSTANG / DALLAS, TX	SS / FFP	NAVSEA	Jun 2019	Jun 2020	886	22,000.00	Y		May 2018
2.4) CART 57MM ALaMO (HE-4G) <sup>(3)(†)</sup>	✓	2020	L-3 MUSTANG / DALLAS, TX	SS / FFP	NAVSEA	Apr 2020	Jun 2021	1,935	14,000.00	Y		May 2018
2.5) CART., 57MM, HE-PD <sup>(4)(†)</sup>		2016 <sup>(8)</sup>	VARIOUS / VARIOUS	C / FFP	Picatinny, NJ	Nov 2016	Mar 2018	2,800	1,550.00	Y		Feb 2016
2.5) CART., 57MM, HE-PD <sup>(4)(†)</sup>		2017 <sup>(9)</sup>	VARIOUS / VARIOUS	C / FFP	Picatinny, NJ	Nov 2017	Mar 2019	1,500	4,333.33	Y		Feb 2016
2.5) CART., 57MM, HE-PD <sup>(4)(†)</sup>		2018	TBD / TBD	C / FFP	NSWC-IH	Jan 2019	Jan 2021	1,370	1,500.00	Y		Sep 2018
2.5) CART., 57MM, HE-PD <sup>(4)(†)</sup>		2019	TBD / TBD	C / FFP	NSWC-IH	Jan 2019	Jan 2021	5,780	1,750.00	Y		Sep 2018

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

**Footnotes:**

<sup>(8)</sup> Contract modifications to existing awards to produce supplemental 57mm high explosive point detonating (HE-PD) qualification test assets. These HE-PD configurations will be used for future competitive procurements. Manufacturers are GENERAL DYNAMICS, NAMMO TALLEY, and CHEMRING ORDNANCE.

<sup>(9)</sup> Contract modifications to existing awards to produce supplemental 57mm high explosive point detonating (HE-PD) qualification test assets. These HE-PD configurations will be used for future competitive procurements. Manufacturers are GENERAL DYNAMICS, NAMMO TALLEY, and CHEMRING ORDNANCE.

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**Exhibit P-21, Production Schedule:** PB 2020 Navy **Date:** March 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 1508N / 01 / 1 **P-1 Line Item Number / Title:** 0266 / Intermediate Caliber Gun Ammo **Aggregated Items:** Intermediate Caliber Gun Ammo

Items <i>(Units in Each)</i>					Fiscal Year 2014												Fiscal Year 2015												BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT 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>2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</b>																															
2.2) CART., 57MM, 3P MK295 (BA22)																															
Prior Years Deliveries: 4017																															
	17	2013	NAVY	2,500	0	2,500																							2,500		
	18	2014	NAVY	6,360	0	6,360																							6,360		
	18	2016	NAVY	3,580	0	3,580																							3,580		
2.3) CART., 57MM TP MK296 (BA23) <sup>(2)</sup>																															
Prior Years Deliveries: 12209																															
	19	2017	NAVY	3,690	0	3,690																						3,690			
	19	2018	NAVY	3,872	0	3,872																						3,872			
✓	20	2020	NAVY	5,997	0	5,997																						5,997			
2.4) CART 57MM ALaMO (HE-4G) <sup>(3)</sup>																															
	21	2019	NAVY	886	0	886																						886			
✓	21	2020	NAVY	1,935	0	1,935																						1,935			
2.5) CART., 57MM, HE-PD <sup>(4)</sup>																															
	23	2016	NAVY	2,800	0	2,800																						2,800			
	23	2017	NAVY	1,500	0	1,500																						1,500			
	22	2018	NAVY	1,370	0	1,370																						1,370			
	22	2019	NAVY	5,780	0	5,780																						5,780			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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**Exhibit P-21, Production Schedule:** PB 2020 Navy **Date:** March 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 1508N / 01 / 1 **P-1 Line Item Number / Title:** 0266 / Intermediate Caliber Gun Ammo **Aggregated Items:** Intermediate Caliber Gun Ammo

Items <i>(Units in Each)</i>					Fiscal Year 2016													Fiscal Year 2017													BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T T O 1 O C T 2015	BAL DUE A S O F 1 O C T	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>2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</b>																																	
2.2) CART., 57MM, 3P MK295 (BA22)																																	
Prior Years Deliveries: 4017																																	
17	2013	NAVY	2,500	0	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,500	
18	2014	NAVY	6,360	0	6,360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,360		
18	2016	NAVY	3,580	0	3,580																										3,580		
2.3) CART., 57MM TP MK296 (BA23) <sup>(2)</sup>																																	
Prior Years Deliveries: 12209																																	
19	2017	NAVY	3,690	0	3,690																										3,690		
19	2018	NAVY	3,872	0	3,872																										3,872		
✓	20	2020	NAVY	5,997	0	5,997																									5,997		
2.4) CART 57MM ALaMO (HE-4G) <sup>(3)</sup>																																	
21	2019	NAVY	886	0	886																										886		
✓	21	2020	NAVY	1,935	0	1,935																									1,935		
2.5) CART., 57MM, HE-PD <sup>(4)</sup>																																	
23	2016	NAVY	2,800	0	2,800																										2,800		
23	2017	NAVY	1,500	0	1,500																										1,500		
22	2018	NAVY	1,370	0	1,370																										1,370		
22	2019	NAVY	5,780	0	5,780																										5,780		
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				

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**Exhibit P-21, Production Schedule: PB 2020 Navy** **Date:** March 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 1508N / 01 / 1 **P-1 Line Item Number / Title:** 0266 / Intermediate Caliber Gun Ammo **Aggregated Items:** Intermediate Caliber Gun Ammo

Items <i>(Units in Each)</i>					Fiscal Year 2018													Fiscal Year 2019													BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEP T P R I O R T O 1 O C T 2 0 1 7	BAL D U E A S O F 1 O C T	Calendar Year 2018													Calendar Year 2019													
							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>2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</b>																																	
2.2) CART., 57MM, 3P MK295 (BA22)																																	
Prior Years Deliveries: 4017																																	
	17	2013	NAVY	2,500	0	2,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,500
	18	2014	NAVY	6,360	0	6,360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,360	
	18	2016	NAVY	3,580	0	3,580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,580	
2.3) CART., 57MM TP MK296 (BA23) <sup>(2)</sup>																																	
Prior Years Deliveries: 12209																																	
	19	2017	NAVY	3,690	0	3,690																										3,690	
	19	2018	NAVY	3,872	0	3,872																										3,872	
✓	20	2020	NAVY	5,997	0	5,997																										5,997	
2.4) CART 57MM ALaMO (HE-4G) <sup>(3)</sup>																																	
	21	2019	NAVY	886	0	886																										886	
✓	21	2020	NAVY	1,935	0	1,935																										1,935	
2.5) CART., 57MM, HE-PD <sup>(4)</sup>																																	
	23	2016	NAVY	2,800	0	2,800	-	-	-	-	-	2,800																				0	
	23	2017	NAVY	1,500	0	1,500		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,500		0	
	22	2018	NAVY	1,370	0	1,370																										1,370	
	22	2019	NAVY	5,780	0	5,780																										5,780	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			



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**Exhibit P-21, Production Schedule: PB 2020 Navy** **Date:** March 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 1508N / 01 / 1 **P-1 Line Item Number / Title:** 0266 / Intermediate Caliber Gun Ammo **Aggregated Items:** Intermediate Caliber Gun Ammo

Items <i>(Units in Each)</i>					Fiscal Year 2020													Fiscal Year 2021													BALANCE			
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	Calendar Year 2020													Calendar Year 2021														
							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>2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</b>																																		
2.2) CART., 57MM, 3P MK295 (BA22)																																		
Prior Years Deliveries: 4017																																		
	17	2013	NAVY	2,500	0	2,500	-	-	-	-	-	-	-	-	-	2,500																		0
	18	2014	NAVY	6,360	0	6,360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0
	18	2016	NAVY	3,580	0	3,580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,580	
2.3) CART., 57MM TP MK296 (BA23) <sup>(2)</sup>																																		
Prior Years Deliveries: 12209																																		
	19	2017	NAVY	3,690	0	3,690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,690	
	19	2018	NAVY	3,872	0	3,872	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,872	
✓	20	2020	NAVY	5,997	0	5,997																											5,997	
2.4) CART 57MM ALaMO (HE-4G) <sup>(3)</sup>																																		
	21	2019	NAVY	886	0	886	-	-	-	-	-	-	-	-	-	500	386																0	
✓	21	2020	NAVY	1,935	0	1,935																											0	
2.5) CART., 57MM, HE-PD <sup>(4)</sup>																																		
	23	2016	NAVY	2,800	2,800	0																											0	
	23	2017	NAVY	1,500	1,500	0																												0
	22	2018	NAVY	1,370	0	1,370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
	22	2019	NAVY	5,780	0	5,780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P				

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**Exhibit P-21, Production Schedule: PB 2020 Navy** **Date:** March 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 1508N / 01 / 1 **P-1 Line Item Number / Title:** 0266 / Intermediate Caliber Gun Ammo **Aggregated Items:** Intermediate Caliber Gun Ammo

Items <i>(Units in Each)</i>					Fiscal Year 2022												Fiscal Year 2023												BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	Calendar Year 2022												Calendar Year 2023												
							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>2) AL100 INTERMEDIATE CALIBER GUN AMMUNITION HARDWARE</b>																															
2.2) CART., 57MM, 3P MK295 (BA22)																															
Prior Years Deliveries: 4017																															
	17	2013	NAVY	2,500	2,500	0																							0		
	18	2014	NAVY	6,360	6,360	0																							0		
	18	2016	NAVY	3,580	0	3,580	1,000	1,000	1,000	580																			0		
2.3) CART., 57MM TP MK296 (BA23) <sup>(2)</sup>																															
Prior Years Deliveries: 12209																															
	19	2017	NAVY	3,690	0	3,690	2,000	1,690																					0		
	19	2018	NAVY	3,872	0	3,872	2,000	1,872																					0		
✓	20	2020	NAVY	5,997	0	5,997	-	-	-	-	-	3,000	2,997																0		
2.4) CART 57MM ALaMO (HE-4G) <sup>(3)</sup>																															
	21	2019	NAVY	886	886	0																							0		
✓	21	2020	NAVY	1,935	1,935	0																							0		
2.5) CART., 57MM, HE-PD <sup>(4)</sup>																															
	23	2016	NAVY	2,800	2,800	0																							0		
	23	2017	NAVY	1,500	1,500	0																							0		
	22	2018	NAVY	1,370	1,370	0																							0		
	22	2019	NAVY	5,780	5,780	0																							0		
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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**Exhibit P-21, Production Schedule:** PB 2020 Navy **Date:** March 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 1508N / 01 / 1 **P-1 Line Item Number / Title:** 0266 / Intermediate Caliber Gun Ammo **Aggregated Items:** Intermediate Caliber Gun Ammo

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2020	1-8-5 For 2020	MAX For 2020	Initial				Reorder			
					ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	BAE SYSTEMS - MINNESOTA	10,000	12,600	35,280	6	6	74	80	6	6	29	35
2	BAE SYSTEMS - MINNESOTA	2,300	7,500	15,000	6	8	67	75	6	6	60	66
3	BAE SYSTEMS - MINNESOTA	2,300	7,500	15,000	6	6	38	44	6	6	12	18
4	TBD - TBD	2,300	7,500	15,000	6	6	24	30	6	6	18	24
5	L-3 MUSTANG - DALLAS, TX	500	5,000	10,000	6	3	14	17	6	3	12	15
6	TBD - TBD	10,000	12,000	30,000	6	5	24	29	6	5	20	25
7	VARIOUS - VARIOUS	10,000	12,000	30,000	6	6	12	18	6	6	12	18

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

**Note:** Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).