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**Exhibit P-40, Budget Line Item Justification:** PB 2020 Air Force **Date:** February 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** SDB000 / Small Diameter Bomb

**ID Code** (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207327F

**Line Item MDAP/MAIS Code:** 439

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> )	20,807	7,471	5,744	7,078	-	7,078	1,179	2,390	2,412	2,435	-	49,516
Gross/Weapon System Cost ( <i>\$ in Millions</i> )	1,160.481	384.250	209.358	275.438	0.000	275.438	45.536	89.893	89.919	91.537	0.000	2,346.412
Less PY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) ( <i>\$ in Millions</i> )	1,160.481	384.250	209.358	275.438	0.000	275.438	45.536	89.893	89.919	91.537	0.000	2,346.412
Plus CY Advance Procurement ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Obligation Authority (<i>\$ in Millions</i>)</b>	<b>1,160.481</b>	<b>384.250</b>	<b>209.358</b>	<b>275.438</b>	<b>0.000</b>	<b>275.438</b>	<b>45.536</b>	<b>89.893</b>	<b>89.919</b>	<b>91.537</b>	<b>0.000</b>	<b>2,346.412</b>

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

Initial Spares ( <i>\$ in Millions</i> )	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost ( <i>\$ in Millions</i> )	0.053	0.045	0.036	0.038	-	0.038	0.036	0.036	0.036	0.036	-	0.045
Gross/Weapon System Unit Cost ( <i>\$ in Millions</i> )	0.056	0.051	0.036	0.039	-	0.039	0.039	0.038	0.037	0.038	-	0.047

**Description:**

FY2018 funding totals include \$169.160M for Base and \$127.220M appropriated for Overseas Contingency Operations for SDB I.

FY2019 funding totals include \$68.634M for Base and \$140.724M appropriated for Overseas Contingency Operations for SDB I.

GBU-39/B: Small Diameter Bomb Increment I (SDB I) is an Air Force ACAT II program providing increased kills per sortie on current and future aircraft platforms. SDB I addresses the following specific warfighter requirements: multiple kills per pass; multiple ordnance carriage; adverse weather, precision munitions capability; capability against fixed and stationary targets; reduced munitions footprint; increased weapons effectiveness; minimized potential for collateral damage; reduced susceptibility of munitions to countermeasures; and standoff or Close Air Support (CAS) operational capability. Threshold aircraft is the F-15E. Objective aircraft include: F-22A, F-16C/D Block 30/40/50, F-35A, B-1, A-10, B-52, B-21, MQ-9, and AC-130W/J. SDB I completed IOT&E in Jun 2006 and commenced Full Rate Production (FRP) in Dec 2006.

GBU-39A/B: Small Diameter Bomb I Focused Lethality Munition (FLM) is a low collateral damage variant of SDB I. FLM has a carbon fiber warhead case which disintegrates upon fill detonation, minimizing fragmentation effects to personnel and property.

Integrated platforms include: F-15E, F-22A, AC-130W/J, and F-16C/D Block 30/40/50.

SDB I weapons and weapon containers are procured together as a system. Individual containers can be procured separately as requirements dictate. SDB I procurement supports current combat operations and replenishment of SDB I weapons and its variants used in these operations. Funding may be used to resolve production Diminishing Manufacturing Sources (DMS)/Material Shortage (MS)/Obsolescence issues through studies, bridge buys, life of type buys, supplier/parts replacement, and qualification (including flight/ground test activities) to preserve future production capabilities and capacities.

GBU-53/B: Small Diameter Bomb Increment II (SDB II) StormBreaker is a joint interest Air Force and Department of Navy (DoN) ACAT IC, with the Air Force as the lead service. SDB I and SDB II historically shared the same P-1 Line Item Number (SDB000). Starting in FY19, new P-1 Line Item (SDB002) was created to provide transparency for SDB II. Quantities and Obligation Authority for SDB000 include SDB II numbers for FY18 and earlier and will continue to show SDB II undelivered assets for Lots 2-4 on the P-21. Reference BP20 SDB002 for the SDB II FY19 and out-years.

Note: ID Code A is applicable to SDB I only.

Funding for this exhibit contained in PE 0207327F.

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<b>Exhibit P-40, Budget Line Item Justification:</b> PB 2020 Air Force		<b>Date:</b> February 2019
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical		<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb
<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> 0207327F
<b>Line Item MDAP/MAIS Code:</b> 439		
As directed in the FY 2018 NDAA, Sec 825, amendment to PL 114-92 FY 2016 NDAA, Sec 828 Penalty for Cost Overruns, the FY 2018 Air Force penalty total is \$14.373M. The calculated percentage reduction to each research, development, test and evaluation and procurement account will be allocated proportionally from all programs, projects, or activities under such account.		

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**Exhibit P-40, Budget Line Item Justification:** PB 2020 Air Force **Date:** February 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F: Missile Procurement, Air Force / BA 02: Other Missiles / BSA 2: Tactical **P-1 Line Item Number / Title:** SDB000 / Small Diameter Bomb

**ID Code** (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207327F

**Line Item MDAP/MAIS Code:** 439

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-5	Small Diameter Bomb	P-5a, P-21	A		20,807 / 1,160.481	7,471 / 384.250	5,744 / 209.358	7,078 / 275.438	- / 0.000	7,078 / 275.438
<b>P-40</b>	<b>Total Gross/Weapon System Cost</b>				<b>20,807 / 1,160.481</b>	<b>7,471 / 384.250</b>	<b>5,744 / 209.358</b>	<b>7,078 / 275.438</b>	<b>- / 0.000</b>	<b>7,078 / 275.438</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.

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

**Justification:**  
 FY2020 budget request includes funding for SDB I weapons. This funding will procure 7,078 weapons including 200 FLM needed to increase SDB I inventory levels.

Note: Procurement quantities can change based on negotiated options/pricing bands and available funding, in accordance with Title 10, U.S Code Section 2308 BUY-TO-BUDGET ACQUISITION.

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<b>Exhibit P-5, Cost Analysis: PB 2020 Air Force</b>		<b>Date:</b> February 2019
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb	<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb

<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A	<b>MDAP/MAIS Code:</b>
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Resource Summary	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Procurement Quantity (Units in Each)	20,807	7,471	5,744	7,078	-	7,078
Gross/Weapon System Cost (\$ in Millions)	1,160.481	384.250	209.358	275.438	0.000	275.438
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,160.481	384.250	209.358	275.438	0.000	275.438
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
<b>Total Obligation Authority (\$ in Millions)</b>	<b>1,160.481</b>	<b>384.250</b>	<b>209.358</b>	<b>275.438</b>	<b>0.000</b>	<b>275.438</b>

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

Initial Spares (\$ in Millions)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	0.056	0.051	0.036	0.039	-	0.039

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<b>Flyaway - Flyaway End Item Cost</b>																		
Recurring Cost																		
SDB Increment II All Up Round Weapon <sup>(†)</sup>	0.185	769	142.303	0.102	507	51.635	-	-	-	-	-	-	-	-	-	-	-	-
Weapon Containers	-	-	2.909	-	-	1.009	-	-	-	-	-	-	-	-	-	-	-	-
SDB Increment I <sup>(†)</sup>	0.048	20,038	959.000	0.035	6,464	224.540	0.036	5,744	206.648	0.036	6,878	247.638	-	-	0.000	0.036	6,878	247.638
Focused Lethality Munition <sup>(†)</sup>	-	-	-	0.100	500	50.000	-	-	-	0.100	200	20.000	-	-	-	0.100	200	20.000
SDB Increment II Test Vehicle	-	-	-	-	-	9.154	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal: Recurring Cost</b>	-	-	<b>1,104.212</b>	-	-	<b>336.338</b>	-	-	<b>206.648</b>	-	-	<b>267.638</b>	-	-	<b>0.000</b>	-	-	<b>267.638</b>
<b>Subtotal: Flyaway - Flyaway End Item Cost</b>	-	-	<b>1,104.212</b>	-	-	<b>336.338</b>	-	-	<b>206.648</b>	-	-	<b>267.638</b>	-	-	<b>0.000</b>	-	-	<b>267.638</b>

<b>Support - Support End Item Cost</b>																		
Training Equipment	-	-	2.658	-	-	0.262	-	-	-	-	-	-	-	-	-	-	-	-
Operational Flight Program Updates & Test	-	-	18.450	-	-	2.800	-	-	-	-	-	0.780	-	-	-	-	-	0.780
Logistics Support	-	-	0.250	-	-	0.194	-	-	0.060	-	-	0.060	-	-	-	-	-	0.060
Production Testing	-	-	28.113	-	-	4.709	-	-	0.640	-	-	1.000	-	-	-	-	-	1.000
PMA Contractor Services	-	-	5.095	-	-	2.079	-	-	1.300	-	-	1.300	-	-	-	-	-	1.300
PMA Other Government Costs	-	-	1.703	-	-	1.318	-	-	0.360	-	-	0.360	-	-	-	-	-	0.360
Obsolescence Contracts	-	-	-	-	-	36.550	-	-	0.350	-	-	4.300	-	-	-	-	-	4.300

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<b>Exhibit P-5, Cost Analysis:</b> PB 2020 Air Force												<b>Date:</b> February 2019					
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2						<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb						<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb					
<b>ID Code</b> (A=Service Ready, B=Not Service Ready) : A												<b>MDAP/MAIS Code:</b>					

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2018			FY 2019			FY 2020 Base			FY 2020 OCO			FY 2020 Total		
	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)	Unit Cost (\$ M)	Qty (Each)	Total Cost (\$ M)
<i>Subtotal: Support - Support End Item Cost</i>	-	-	56.269	-	-	47.912	-	-	2.710	-	-	7.800	-	-	-	-	-	7.800
<b>Gross/Weapon System Cost</b>	0.056	20,807	1,160.481	0.051	7,471	384.250	0.036	5,744	209.358	0.039	7,078	275.438	-	-	0.000	0.039	7,078	275.438

**Remarks:**

FY2020 Base funding procures SDB I weapons. FY2020 Support Cost increase for obsolescence management.

PMA Contractor Services: EPASS contract support

PMA Other Government Costs: Travel, GPC and Central Support

(t) indicates the presence of a P-5a

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<b>Exhibit P-5a, Procurement History and Planning: PB 2020 Air Force</b>								<b>Date:</b> February 2019			
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2			<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb					<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb			

Cost Elements	O C O	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost (\$ M)	Specs Avail Now?	Date Revision Available	RFP Issue Date
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2016	Raytheon / Tucson AZ	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Sep 2016	Nov 2017	250	0.180	Y		Oct 2009
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2017	Raytheon / Tucson AZ	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Jan 2017	Sep 2018	375	0.203	Y		Oct 2009
SDB Increment II All Up Round Weapon <sup>(†)</sup>		2018	Raytheon / Tucson AZ	SS / FFP	AFLCMC/PK Eglin AFB, FL	Jan 2018	Sep 2019	507	0.102	Y		Oct 2009
SDB Increment I <sup>(†)</sup>		2016	Boeing / St Louis MO	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Sep 2016	Aug 2017	3,244	0.040	Y		Jan 2016
SDB Increment I <sup>(†)</sup>		2017	Boeing / St Louis MO	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Dec 2017	Sep 2018	4,195	0.036	Y		Jan 2017
SDB Increment I <sup>(†)</sup>		2018	Boeing / St Louis MO	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Aug 2018	Sep 2019	6,464	0.035	Y		Jan 2018
SDB Increment I <sup>(†)</sup>		2019	Boeing / St Louis MO	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Aug 2019	Sep 2020	5,744	0.036	Y		Jul 2018
SDB Increment I <sup>(†)</sup>		2020	Boeing / St Louis MO	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Aug 2020	Sep 2021	6,878	0.036	Y		Jan 2020
Focused Lethality Munition <sup>(†)</sup>		2018	Boeing / St Louis MO	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Aug 2019	Sep 2020	500	0.100	Y		Jul 2018
Focused Lethality Munition <sup>(†)</sup>		2020	Boeing / St Louis MO	SS / FPIF	AFLCMC/PK Eglin AFB, FL	Aug 2020	Sep 2021	200	0.100	Y		Jan 2020

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

**Remarks:**

- ID Code A is applicable only to SDB I.
- SDB I replenishment production began in FY15. Lot 11 was awarded in November 2015 for 299 weapons. Lot 12 Unfinalized Contract Action (UCA) was awarded September 2016 and Finalized in December 2017 for 3,244 weapons. Lot 13 was awarded in December 2017 for 7,448 weapons.
- SDB I FY18 funds were obligated on the Lot 14 contract and the Focused Lethality Munition (FLM) UCA, both awarded in August 2018. Remaining FLM will be procured in Lot 15.
- SDB II Lots 1-5 are options on the current EMD contract with Raytheon Missile System, Tucson, AZ, which were competitively awarded in August 2010. SDB II specifications for Lot 1-5 are defined in the EMD contract.
- SDB II Lots 4-5 (FY2018-FY2019) are Firm Fixed Price contracts.

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**Exhibit P-21, Production Schedule:** PB 2020 Air Force **Date:** February 2019

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb	<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb
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Cost Elements <i>(Units in Each)</i>					Fiscal Year 2016													Fiscal Year 2017													BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT 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			
SDB Increment II All Up Round Weapon																																	
Prior Years Deliveries: 144																																	
	1	2016	AF	250	0	250																							250				
	1	2017	AF	375	0	375																							375				
	1	2018	AF	507	0	507																							507				
	1	2018	NAVY (‡)	90	0	90																							90				
	1	2018	<b>Total</b>	<b>597</b>	<b>0</b>	<b>597</b>																							<b>597</b>				
SDB Increment I																																	
Prior Years Deliveries: 12599																																	
	2	2016	AF (1)	3,244	0	3,244																							2,704				
	2	2016	FMS (‡) (2)	1,756	0	1,756																							1,464				
	2	2016	<b>Total</b>	<b>5,000</b>	<b>0</b>	<b>5,000</b>																							<b>4,168</b>				
	2	2017	AF	4,195	0	4,195																							4,195				
	2	2017	FMS (‡)	552	0	552																							552				
	2	2017	<b>Total</b>	<b>4,747</b>	<b>0</b>	<b>4,747</b>																							<b>4,747</b>				
	2	2018	AF	6,464	0	6,464																							6,464				
	2	2018	FMS (‡)	280	0	280																							280				
	2	2018	<b>Total</b>	<b>6,744</b>	<b>0</b>	<b>6,744</b>																							<b>6,744</b>				
	2	2019	AF	5,744	0	5,744																							5,744				
	2	2019	FMS (‡)	1,818	0	1,818																							1,818				
	2	2019	<b>Total</b>	<b>7,562</b>	<b>0</b>	<b>7,562</b>																							<b>7,562</b>				
	2	2020	AF	6,878	0	6,878																							6,878				
	2	2020	FMS (‡)	922	0	922																							922				
	2	2020	<b>Total</b>	<b>7,800</b>	<b>0</b>	<b>7,800</b>																							<b>7,800</b>				
Focused Lethality Munition																																	
	3	2018	AF	500	0	500																							500				
	3	2020	AF	200	0	200																							200				
							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 Air Force** **Date:** February 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** SDB000 / Small Diameter Bomb **Item Number / Title [DODIC]:** Small Diameter Bomb

Cost Elements <i>(Units in Each)</i>				Fiscal Year 2018														Fiscal Year 2019														BALANCE			
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	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					
SDB Increment II All Up Round Weapon																																			
Prior Years Deliveries: 144																																			
1	2016	AF		250	0	250	-	18	18	19	21	22	22	21	22	22	21	22	22										0						
1	2017	AF		375	0	375	-	-	-	-	-	-	-	-	-	-	31	31	31	31	31	31	31	31	31	31	32	32	32	0					
1	2018	AF		507	0	507				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42	465					
1	2018	NAVY (‡)		90	0	90				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90					
1	2018	<b>Total</b>		<b>597</b>	<b>0</b>	<b>597</b>				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>42</b>	<b>555</b>					
SDB Increment I																																			
Prior Years Deliveries: 12599																																			
2	2016	AF (1)		3,244	540	2,704	270	270	270	270	270	270	270	270	270	270	270	270	274											0					
2	2016	FMS (‡)(2)		1,756	292	1,464	146	146	146	146	146	146	147	147	147	147														0					
2	2016	<b>Total</b>		<b>5,000</b>	<b>832</b>	<b>4,168</b>	<b>416</b>	<b>416</b>	<b>416</b>	<b>416</b>	<b>416</b>	<b>416</b>	<b>417</b>	<b>417</b>	<b>417</b>	<b>421</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>					
2	2017	AF		4,195	0	4,195				A -	-	-	-	-	-	-	-	350	350	350	350	350	350	350	350	350	350	345	0						
2	2017	FMS (‡)		552	0	552				A -	-	-	-	-	-	-	-	46	46	46	46	46	46	46	46	46	46	46	0						
2	2017	<b>Total</b>		<b>4,747</b>	<b>0</b>	<b>4,747</b>				-	-	-	-	-	-	-	-	<b>396</b>	<b>396</b>	<b>396</b>	<b>396</b>	<b>396</b>	<b>396</b>	<b>396</b>	<b>396</b>	<b>396</b>	<b>396</b>	<b>391</b>	<b>0</b>						
2	2018	AF		6,464	0	6,464												A -	-	-	-	-	-	-	-	-	-	-	538	5,926					
2	2018	FMS (‡)		280	0	280												A -	-	-	-	-	-	-	-	-	-	-	23	257					
2	2018	<b>Total</b>		<b>6,744</b>	<b>0</b>	<b>6,744</b>												-	-	-	-	-	-	-	-	-	-	-	<b>561</b>	<b>6,183</b>					
2	2019	AF		5,744	0	5,744																								5,744					
2	2019	FMS (‡)		1,818	0	1,818																								1,818					
2	2019	<b>Total</b>		<b>7,562</b>	<b>0</b>	<b>7,562</b>																								<b>7,562</b>					
2	2020	AF		6,878	0	6,878																								6,878					
2	2020	FMS (‡)		922	0	922																								922					
2	2020	<b>Total</b>		<b>7,800</b>	<b>0</b>	<b>7,800</b>																								<b>7,800</b>					
Focused Lethality Munition																																			
3	2018	AF		500	0	500																								500					
3	2020	AF		200	0	200																								200					
							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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<b>Exhibit P-21, Production Schedule:</b> PB 2020 Air Force															<b>Date:</b> February 2019									
<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2										<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb										<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb				

Cost Elements <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			
SDB Increment II All Up Round Weapon																																	
Prior Years Deliveries: 144																																	
1	2016	AF		250	250	0																							0				
1	2017	AF		375	375	0																							0				
1	2018	AF		507	42	465	42	42	42	42	42	42	42	43	43	43													0				
1	2018	NAVY (‡)		90	0	90	-	-	-	-	-	-	-	90	-	-													0				
<b>1</b>	<b>2018</b>	<b>Total</b>		<b>597</b>	<b>42</b>	<b>555</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>42</b>	<b>133</b>	<b>43</b>	<b>43</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
SDB Increment I																																	
Prior Years Deliveries: 12599																																	
2	2016	AF (1)		3,244	3,244	0																							0				
2	2016	FMS (‡)(2)		1,756	1,756	0																							0				
<b>2</b>	<b>2016</b>	<b>Total</b>		<b>5,000</b>	<b>5,000</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
2	2017	AF		4,195	4,195	0																							0				
2	2017	FMS (‡)		552	552	0																							0				
<b>2</b>	<b>2017</b>	<b>Total</b>		<b>4,747</b>	<b>4,747</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
2	2018	AF		6,464	538	5,926	538	538	538	538	538	538	538	538	538	546													0				
2	2018	FMS (‡)		280	23	257	23	23	23	23	23	23	23	24	24	24													0				
<b>2</b>	<b>2018</b>	<b>Total</b>		<b>6,744</b>	<b>561</b>	<b>6,183</b>	<b>561</b>	<b>561</b>	<b>561</b>	<b>561</b>	<b>561</b>	<b>561</b>	<b>561</b>	<b>562</b>	<b>562</b>	<b>562</b>	<b>570</b>	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
2	2019	AF		5,744	0	5,744	-	-	-	-	-	-	-	-	-	-	479	479	479	479	479	479	479	479	479	479	479	475	0				
2	2019	FMS (‡)		1,818	0	1,818	-	-	-	-	-	-	-	-	-	-	154	154	154	153	153	150	150	150	150	150	150	150	0				
<b>2</b>	<b>2019</b>	<b>Total</b>		<b>7,562</b>	<b>0</b>	<b>7,562</b>	-	-	-	-	-	-	-	-	-	-	<b>633</b>	<b>633</b>	<b>633</b>	<b>632</b>	<b>632</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>625</b>	-	<b>0</b>				
2	2020	AF		6,878	0	6,878																						573	6,305				
2	2020	FMS (‡)		922	0	922																						76	846				
<b>2</b>	<b>2020</b>	<b>Total</b>		<b>7,800</b>	<b>0</b>	<b>7,800</b>																						<b>649</b>	<b>7,151</b>				
Focused Lethality Munition																																	
3	2018	AF		500	0	500	-	-	-	-	-	-	-	-	-	-	42	42	42	42	42	42	42	42	42	42	38	0					
3	2020	AF		200	0	200																						17	183				
							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 Air Force** **Date:** February 2019

**Appropriation / Budget Activity / Budget Sub Activity:** 3020F / 02 / 2 **P-1 Line Item Number / Title:** SDB000 / Small Diameter Bomb **Item Number / Title [DODIC]:** Small Diameter Bomb

Cost Elements <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			
SDB Increment II All Up Round Weapon																																	
Prior Years Deliveries: 144																																	
1	2016	AF		250	250	0																							0				
1	2017	AF		375	375	0																							0				
1	2018	AF		507	507	0																							0				
1	2018	NAVY (‡)		90	90	0																							0				
1	2018	<b>Total</b>		<b>597</b>	<b>597</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
SDB Increment I																																	
Prior Years Deliveries: 12599																																	
2	2016	AF (1)		3,244	3,244	0																							0				
2	2016	FMS (‡) (2)		1,756	1,756	0																							0				
2	2016	<b>Total</b>		<b>5,000</b>	<b>5,000</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
2	2017	AF		4,195	4,195	0																							0				
2	2017	FMS (‡)		552	552	0																							0				
2	2017	<b>Total</b>		<b>4,747</b>	<b>4,747</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
2	2018	AF		6,464	6,464	0																							0				
2	2018	FMS (‡)		280	280	0																							0				
2	2018	<b>Total</b>		<b>6,744</b>	<b>6,744</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
2	2019	AF		5,744	5,744	0																							0				
2	2019	FMS (‡)		1,818	1,818	0																							0				
2	2019	<b>Total</b>		<b>7,562</b>	<b>7,562</b>	<b>0</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
2	2020	AF		6,878	573	6,305	573	573	573	573	573	573	573	573	573	573													0				
2	2020	FMS (‡)		922	76	846	76	77	77	77	77	77	77	77	77	77													0				
2	2020	<b>Total</b>		<b>7,800</b>	<b>649</b>	<b>7,151</b>	<b>649</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>652</b>	-	-	-	-	-	-	-	-	-	-	-	-	<b>0</b>				
Focused Lethality Munition																																	
3	2018	AF		500	500	0																							0				
3	2020	AF		200	17	183	17	17	17	17	17	17	17	17	17	13													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 Air Force **Date:** February 2019

<b>Appropriation / Budget Activity / Budget Sub Activity:</b> 3020F / 02 / 2	<b>P-1 Line Item Number / Title:</b> SDB000 / Small Diameter Bomb	<b>Item Number / Title [DODIC]:</b> Small Diameter Bomb
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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	Raytheon - Tucson AZ	840	1,050	1,260	0	0	0	0	0	0	4	20	24
2	Boeing - St Louis MO	1,000	5,000	8,000	0	0	0	0	0	0	11	13	24
3	Boeing - St Louis MO	100	400	600	0	0	0	0	0	0	11	13	24

**Remarks:**  
 SDB I - As a result of contractor facilitization, SDB I maximum production capacity increased from 5,000 to 8,000 weapons (includes USAF and FMS quantities).  
 SDB II - Yearly production may be below the Minimum Sustainment Rate (MSR) due to the MSR being applicable to Lot 4 and out and the programs first three LRIP quantity buys maybe below MSR.  
 (‡) Delivery rows marked with this 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 indicates the Contract Award Date.  
 (‡) Delivery rows marked with this 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 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).

**Footnotes:**  
 (1) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2017 loaded in the month of first delivery.  
 (2) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2017 loaded in the month of first delivery.