

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: PB 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces	P-1 Line Item Number / Title: ATA000 / F-35
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0207142F	Other Related Program Elements: 0604800F
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Line Item MDAP/MAIS Code: 198	Item MDAP/MAIS Code(s): N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	103	28	47	43	-	43	44	48	48	60	1,342	1,763
Gross/Weapon System Cost (<i>\$ in Millions</i>)	18,564.463	3,965.374	5,678.692	4,862.154	-	4,862.154	5,113.201	5,383.789	5,245.341	6,226.227	158,393.291	213,432.532
Less PY Advance Procurement (<i>\$ in Millions</i>)	1,162.695	339.533	418.880	460.260	-	460.260	404.500	671.263	406.750	424.230	18,862.296	23,150.407
Net Procurement (P-1) (<i>\$ in Millions</i>)	17,401.768	3,625.841	5,259.812	4,401.894	-	4,401.894	4,708.701	4,712.526	4,838.591	5,801.997	139,530.995	190,282.125
Plus CY Advance Procurement (<i>\$ in Millions</i>)	2,490.053	418.880	460.260	404.500	-	404.500	671.263	406.750	424.230	424.230	17,450.241	23,150.407
Total Obligation Authority (<i>\$ in Millions</i>)	19,891.821	4,044.721	5,720.072	4,806.394	-	4,806.394	5,379.964	5,119.276	5,262.821	6,226.227	156,981.236	213,432.532

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

Initial Spares (<i>\$ in Millions</i>)	999.138	231.847	229.582	267.792	-	267.792	315.478	353.602	354.622	355.591	10,039.788	13,147.440
Flyaway Unit Cost (<i>\$ in Millions</i>)	157.500	129.144	109.882	98.994	-	98.994	101.535	102.406	99.337	94.548	113.507	114.243
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	180.238	141.621	120.823	113.073	-	113.073	116.209	112.162	109.278	103.770	118.028	121.062

Description:

The F-35 Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the United States and its international partners. Specifically, the Joint Strike Fighter (JSF) will meet the USAF Conventional Take Off and Landing (CTOL) requirements with the F-35A variant, the USMC Short Take-Off and Vertical Landing (STOVL) requirements with the F-35B variant, and DoN Carrier Variant (CV) requirements with the F-35C variant. Commonality among the three variants is expected to reduce life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of Navy (DoN) and the Department of the Air Force (DAF) and currently resides with the Navy. The F-35 is the next generation strike fighter which entails increased aero performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting incorporate the latest technology available. The highly supportable, affordable, state-of-the-art aircraft commands and maintains global air superiority. The production cost and quantities are interdependent due to one manufacturer for the program. USAF regular procurement commenced in FY07 with Long-Lead in FY06 and DoN regular procurement commenced in FY08 with long lead in FY07.

Notes:

- (1) Funding for this exhibit contained in PE 0207142F
- (2) Funding may be used to alleviate Diminishing Manufacturing Sources (DMS) issues.
- (3) The F-35 is a code B item (pre full rate production decision). Refer to the R4 budget exhibit for PE 0604800F for the Developmental Test and Evaluation and the Initial Operational Test and Evaluation schedules.
- (4) FY16 procurement quantity includes congressional add of 3 aircraft.

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Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces

P-1 Line Item Number / Title:
ATA000 / F-35

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0207142F **Other Related Program Elements:** 0604800F

Line Item MDAP/MAIS Code: 198 **Item MDAP/MAIS Code(s):** N/A

Exhibits Schedule				Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	Subexhibits	ID CD	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	F-35	P-5a, P-21	B	103 / 18,564.463	28 / 3,965.374	47 / 5,678.692	43 / 4,862.154	- / -	43 / 4,862.154
P-40	Total Gross/Weapon System Cost			103 / 18,564.463	28 / 3,965.374	47 / 5,678.692	43 / 4,862.154	- / -	43 / 4,862.154

Exhibits Schedule				FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	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	F-35	P-5a, P-21	B	44 / 5,113.201	48 / 5,383.789	48 / 5,245.341	60 / 6,226.227	1,342 / 158,393.291	1,763 / 213,432.532
P-40	Total Gross/Weapon System Cost			44 / 5,113.201	48 / 5,383.789	48 / 5,245.341	60 / 6,226.227	1,342 / 158,393.291	1,763 / 213,432.532

*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:
BASIS FOR FY2017 BUDGET REQUEST: The FY17 budget provides funding for 43 F-35A aircraft and associated equipment and support, associated sustainment and logistical requirements for USAF, and Advance Procurement for 44 CTOL aircraft in FY18.

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Exhibit P-5, Cost Analysis: PB 2017 Air Force		Date: February 2016
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	Item Number / Title [DODIC]: - / F-35

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Procurement Quantity (Units in Each)	103	28	47	43	-	43	44	48	48	60	1,342	1,763
Gross/Weapon System Cost (\$ in Millions)	18,564.463	3,965.374	5,678.692	4,862.154	-	4,862.154	5,113.201	5,383.789	5,245.341	6,226.227	158,393.291	213,432.532
Less PY Advance Procurement (\$ in Millions)	1,162.695	339.533	418.880	460.260	-	460.260	404.500	671.263	406.750	424.230	18,862.296	23,150.407
Net Procurement (P-1) (\$ in Millions)	17,401.768	3,625.841	5,259.812	4,401.894	-	4,401.894	4,708.701	4,712.526	4,838.591	5,801.997	139,530.995	190,282.125
Plus CY Advance Procurement (\$ in Millions)	2,490.053	418.880	460.260	404.500	-	404.500	671.263	406.750	424.230	424.230	17,450.241	23,150.407
Total Obligation Authority (\$ in Millions)	19,891.821	4,044.721	5,720.072	4,806.394	-	4,806.394	5,379.964	5,119.276	5,262.821	6,226.227	156,981.236	213,432.532

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

Initial Spares (\$ in Millions)	999.138	231.847	229.582	267.792	-	267.792	315.478	353.602	354.622	355.591	10,039.788	13,147.440
Gross/Weapon System Unit Cost (\$ in Millions)	180.238	141.621	120.823	113.073	-	113.073	116.209	112.162	109.278	103.770	118.028	121.062

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

Cost Elements	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
Flyaway - Flyaway End Item Cost																		
Recurring Cost																		
Airframe/CFE ^(†)	91.672	103	9,442.249	72.786	28	2,037.997	64.467	47	3,029.948	62.475	43	2,686.404	-	-	-	62.475	43	2,686.404
CFE Electronics	30.042	103	3,094.358	18.832	28	527.296	16.743	47	786.926	16.315	43	701.532	-	-	-	16.315	43	701.532
Engines/Eng ACC ^(†)	15.902	103	1,637.912	13.793	28	386.210	13.060	47	613.798	12.889	43	554.241	-	-	-	12.889	43	554.241
ECO	4.062	103	418.381	2.108	28	59.030	1.885	47	88.613	1.834	43	78.844	-	-	-	1.834	43	78.844
Non-Recurring Cost	-	-	1,281.441	-	-	469.794	-	-	438.085	-	-	49.615	-	-	-	-	-	49.615
Ancillary Equip	-	-	348.173	-	-	135.718	-	-	207.069	-	-	186.098	-	-	-	-	-	186.098
<i>Subtotal: Recurring Cost</i>	<i>-</i>	<i>-</i>	<i>16,222.514</i>	<i>-</i>	<i>-</i>	<i>3,616.045</i>	<i>-</i>	<i>-</i>	<i>5,164.439</i>	<i>-</i>	<i>-</i>	<i>4,256.734</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>4,256.734</i>
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	<i>-</i>	<i>-</i>	<i>16,222.514</i>	<i>-</i>	<i>-</i>	<i>3,616.045</i>	<i>-</i>	<i>-</i>	<i>5,164.439</i>	<i>-</i>	<i>-</i>	<i>4,256.734</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>4,256.734</i>

Support - Support End Item Cost																		
Airframe PGSE	-	-	262.594	-	-	49.636	-	-	101.342	-	-	50.263	-	-	-	-	-	50.263
Engine PGSE	-	-	139.876	-	-	26.949	-	-	35.248	-	-	14.115	-	-	-	-	-	14.115
Avionics PGSE	-	-	370.792	-	-	27.335	-	-	68.840	-	-	104.718	-	-	-	-	-	104.718
Peculiar Training Equipment	-	-	397.195	-	-	10.649	-	-	42.280	-	-	78.074	-	-	-	-	-	78.074
Full Mission Simulators	16.588	20	331.753	-	4	-	9.980	2	19.960	11.159	7	78.113	-	-	-	11.159	7	78.113
Pubs/Tech Data/ALIS	-	-	64.856	-	-	8.504	-	-	14.493	-	-	24.745	-	-	-	-	-	24.745
Production Eng Support	-	-	278.466	-	-	123.502	-	-	63.308	-	-	126.941	-	-	-	-	-	126.941
Other ILS	-	-	454.277	-	-	102.754	-	-	168.782	-	-	128.451	-	-	-	-	-	128.451

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Exhibit P-5, Cost Analysis: PB 2017 Air Force													Date: February 2016					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3							P-1 Line Item Number / Title: ATA000 / F-35						Item Number / Title [DODIC]: - / F-35					
ID Code (A=Service Ready, B=Not Service Ready) : B										MDAP/MAIS Code:								

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

Cost Elements	Prior Years			FY 2015			FY 2016			FY 2017 Base			FY 2017 OCO			FY 2017 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)
Miscellaneous Support	-	-	4.143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Field Activities	-	-	37.997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support End Item Cost</i>	-	-	2,341.949	-	-	349.329	-	-	514.253	-	-	605.420	-	-	-	-	-	605.420
Gross/Weapon System Cost	180.238	103	18,564.463	141.621	28	3,965.374	120.823	47	5,678.692	113.073	43	4,862.154	-	-	-	113.073	43	4,862.154
Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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>Flyaway - Flyaway End Item Cost</i>																		
<i>Recurring Cost</i>																		
Airframe/CFE ^(†)	60.589	44	2,665.926	57.452	48	2,757.683	57.325	48	2,751.591	57.195	60	3,431.727	72.173	1,342	96,856.403	71.276	1,763	125,659.928
CFE Electronics	15.538	44	683.691	14.432	48	692.733	14.149	48	679.159	13.807	60	828.413	14.873	1,342	19,959.751	15.856	1,763	27,953.859
Engines/Eng ACC ^(†)	12.732	44	560.207	12.324	48	591.575	12.415	48	595.908	12.493	60	749.601	15.129	1,342	20,302.456	14.743	1,763	25,991.908
ECO	1.777	44	78.196	1.684	48	80.840	1.678	48	80.533	1.670	60	100.195	2.303	1,342	3,091.168	2.312	1,763	4,075.800
Non-Recurring Cost	-	-	294.005	-	-	592.880	-	-	461.358	-	-	330.302	-	-	5,817.682	-	-	9,735.162
Ancillary Equip	-	-	185.515	-	-	199.791	-	-	199.608	-	-	232.639	-	-	6,298.984	-	-	7,993.595
<i>Subtotal: Recurring Cost</i>	-	-	4,467.540	-	-	4,915.502	-	-	4,768.157	-	-	5,672.877	-	-	152,326.444	-	-	201,410.252
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	4,467.540	-	-	4,915.502	-	-	4,768.157	-	-	5,672.877	-	-	152,326.444	-	-	201,410.252
<i>Support - Support End Item Cost</i>																		
Airframe PGSE	-	-	143.448	-	-	79.294	-	-	79.186	-	-	72.117	-	-	1,568.308	-	-	2,406.188
Engine PGSE	-	-	22.748	-	-	14.725	-	-	16.273	-	-	10.933	-	-	208.131	-	-	488.998
Avionics PGSE	-	-	123.750	-	-	74.712	-	-	51.873	-	-	49.487	-	-	642.682	-	-	1,514.189
Peculiar Training Equipment	-	-	51.008	-	-	26.746	-	-	51.910	-	-	96.327	-	-	1,329.576	-	-	2,083.765
Full Mission Simulators	11.369	3	34.108	18.698	2	37.395	14.574	4	58.294	17.719	8	141.753	11.265	99	1,115.267	12.192	149	1,816.643
Pubs/Tech Data/ALIS	-	-	26.018	-	-	12.671	-	-	26.949	-	-	17.481	-	-	390.346	-	-	586.063
Production Eng Support	-	-	121.421	-	-	114.810	-	-	96.791	-	-	86.708	-	-	525.705	-	-	1,537.652
Other ILS	-	-	123.160	-	-	107.934	-	-	95.908	-	-	78.544	-	-	286.832	-	-	1,546.642
Miscellaneous Support	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.143
Field Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.997
<i>Subtotal: Support - Support End Item Cost</i>	-	-	645.661	-	-	468.287	-	-	477.184	-	-	553.350	-	-	6,066.847	-	-	12,022.280

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Exhibit P-5, Cost Analysis: PB 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	Item Number / Title [DODIC]: - / F-35
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ID Code (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Cost Elements	FY 2018			FY 2019			FY 2020			FY 2021			To Complete			Total Cost		
	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)
Gross/Weapon System Cost	116.209	44	5,113.201	112.162	48	5,383.789	109.278	48	5,245.341	103.770	60	6,226.227	118.028	1,342	158,393.291	121.062	1,763	213,432.532

Remarks:

- 1) Airframe Unit Recurring Flyaway (URF) is directly affected by USAF, USN and International Partners quantity profile changes year over year.
- (2) Non-recurring cost includes such items as the USAF share of Production Non-Recurring Tooling per the Joint Strike Fighter (JSF) Production, Sustainment, and Follow-on Development (PSFD) Memorandum of Understanding (MOU) between the United States and eight partner nations cooperating in the production, sustainment, and follow-on development of the JSF. In addition, it includes funding for Diminishing Manufacturing Sources (e.g. "Life-of-type" part buys), concurrency engineering, technical assistance and Cost Reduction Initiatives (CRI).
- (3) Year-over-year changes in Ancillary Equipment costs are due to changes in annual aircraft quantities. Equipment includes Gen III Helmet Mounted Displays, launchers, and pilot flight equipment.
- (4) Peculiar Ground Support Equipment (PGSE) costs driven by squadron standup and unit deployment package schedules.
- (5) Peculiar Training Equipment costs driven by the stand up of full complement of Full Mission Simulators (FMS) for one OPS site in FY17 (7 FMS), the phased procurement of Lakenheath between FY18 (3 FMS) & FY19 (2 FMS). Also USAF will stand up three OPS sites with FMS procurements in FY20 (4 FMS) and FY21 (8 FMS).
- (6) Year-over-year increase in support cost is greater than OMB/OSD inflation rate due to site and squadron stand-up of aircraft, and ramp-up to full operational capability.
- (7) ALIS (Autonomic Logistics Information System) funding is now reflected within the Pubs/Tech Data/ALIS cost element reflected in the P-5.

Totals may not add due to rounding.

(†) indicates the presence of a P-5a

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Exhibit P-5a, Procurement History and Planning: PB 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	Item Number / Title [DODIC]: - / F-35
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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
Airframe/CFE ^(†)		2014	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Nov 2014	Feb 2016	19	76.613	Y		Jan 2013
Airframe/CFE ^(†)		2015	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2016	Jan 2017	28	72.786	Y		Jan 2014
Airframe/CFE ^(†)		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2016	Jan 2018	47	64.467	Y		Jan 2015
Airframe/CFE ^(†)		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2017	Jan 2019	43	62.475	Y		Jan 2016
Airframe/CFE ^(†)		2018	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	44	60.589	Y		Jan 2017
Airframe/CFE ^(†)		2019	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2019	Jan 2021	48	57.452	Y		Jan 2018
Airframe/CFE ^(†)		2020	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2020	Jan 2022	48	57.325	Y		Jan 2019
Airframe/CFE ^(†)		2021	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2021	Jan 2023	60	57.195	Y		Jan 2020
Engines/Eng ACC ^(†)		2014	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Oct 2014	Jun 2015	19	14.462	Y		Mar 2013
Engines/Eng ACC ^(†)		2015	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2016	May 2016	28	13.793	Y		Mar 2014
Engines/Eng ACC ^(†)		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2016	May 2017	47	13.060	Y		Mar 2015
Engines/Eng ACC ^(†)		2017	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2017	May 2018	43	12.889	Y		Mar 2016
Engines/Eng ACC ^(†)		2018	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2018	May 2019	44	12.732	Y		Mar 2017
Engines/Eng ACC ^(†)		2019	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2019	May 2020	48	12.324	Y		Mar 2018
Engines/Eng ACC ^(†)		2020	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2020	May 2021	48	12.415	Y		Mar 2019
Engines/Eng ACC ^(†)		2021	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2021	May 2022	60	12.493	Y		Mar 2020

Advance Procurement

Airframe/CFE: Long Lead Material		2015	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2016	Jan 2017	47	6.952	Y		Jan 2014
Airframe/CFE: Long Lead Material		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2016	Jan 2018	43	8.349	Y		Jan 2015
Airframe/CFE: Long Lead Material		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2017	Jan 2019	43	7.337	Y		Jan 2016
Engines/Eng ACC: Long Lead Material		2015	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2016	May 2016	47	1.961	Y		Mar 2014
Engines/Eng ACC: Long Lead Material		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2016	May 2017	43	2.355	Y		Mar 2015
Engines/Eng ACC: Long Lead Material		2017	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2017	May 2018	43	2.070	Y		Mar 2016

^(†) indicates the presence of a P-21

Remarks:

(1) FY15 and FY16 contracts (LRIP 9/10) being negotiated together to return to annual award schedule.

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Exhibit P-21, Production Schedule: PB 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:** - / F-35

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2015												Fiscal Year 2016												BALANCE						
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015												Calendar Year 2016																	
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G		S E P					
Airframe/CFE																																				
Prior Years Deliveries: 84																																				
1	2014	AF		19	-	19		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	3	2	2	1	1	1	2
1	2014	NAVY ^(‡)		4	-	4		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	1
1	2014	MC ^(‡)		6	-	6		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	2	
1	2014	Total		29	-	29		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	3	3	2	2	2	5	
1	2015	AF		28	-	28																													28	
1	2015	NAVY ^(‡)		4	-	4																													4	
1	2015	MC ^(‡)		6	-	6																													6	
1	2015	Total		38	-	38																													38	
1	2016	AF		47	-	47																													47	
1	2016	NAVY ^(‡)		6	-	6																													6	
1	2016	MC ^(‡)		15	-	15																													15	
1	2016	Total		68	-	68																													68	
1	2017	AF		43	-	43																													43	
1	2017	NAVY ^(‡)		4	-	4																													4	
1	2017	MC ^(‡)		16	-	16																														16
1	2017	Total		63	-	63																													63	
1	2018	AF		44	-	44																													44	
1	2018	NAVY ^(‡)		6	-	6																													6	
1	2018	MC ^(‡)		20	-	20																													20	
1	2018	Total		70	-	70																													70	
1	2019	AF		48	-	48																													48	
1	2019	NAVY ^(‡)		12	-	12																													12	
1	2019	MC ^(‡)		20	-	20																													20	
1	2019	Total		80	-	80																													80	
1	2020	AF		48	-	48																													48	
1	2020	NAVY ^(‡)		18	-	18																													18	
1	2020	MC ^(‡)		20	-	20																													20	
1	2020	Total		86	-	86																													86	
								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 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	Item Number / Title [DODIC]: - / F-35
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Cost Elements <i>(Units in Each)</i>				Fiscal Year 2015														Fiscal Year 2016														BALANCE			
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	Calendar Year 2015														Calendar Year 2016														
							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	2021	AF		60	-	60											1	3	3	2	2	1	1	1	1	2	2	-	-	-	-	-	-	60	
1	2021	NAVY (+)		24	-	24																				1	-	1	-	1	-	-	-	24	
1	2021	MC (+)		21	-	21																				-	1	-	1	-	1	1	-	21	
1	2021	Total		105	-	105											1	3	3	2	2	1	1	1	1	3	3	1	1	1	1	1	105		

Engines/Eng ACC

Prior Years Deliveries: 84

2	2014	AF		19	-	19	A -	-	-	-	-	-	-	-	1	3	3	2	2	1	1	1	1	1	2	2	-	-	-	-	-	-	19		
2	2014	NAVY (+)		4	-	4	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	4		
2	2014	MC (+)		6	-	6	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	-	6		
2	2014	Total		29	-	29	-	-	-	-	-	-	-	-	1	3	3	2	2	1	1	1	1	1	3	3	1	1	1	1	1	1	29		
2	2015	AF		28	-	28																				A -	-	-	2	2	2	2	2	28	
2	2015	NAVY (+)		4	-	4																				A -	-	-	-	-	-	-	-	4	
2	2015	MC (+)		6	-	6																				A -	-	-	1	1	-	1	-	6	
2	2015	Total		38	-	38																				-	-	2	3	3	2	3	2	3	38
2	2016	AF		47	-	47																				A -	-	-	-	-	-	-	-	47	
2	2016	NAVY (+)		6	-	6																				A -	-	-	-	-	-	-	-	6	
2	2016	MC (+)		15	-	15																				A -	-	-	-	-	-	-	-	15	
2	2016	Total		68	-	68																				-	-	-	-	-	-	-	-	68	
2	2017	AF		43	-	43																												43	
2	2017	NAVY (+)		4	-	4																												4	
2	2017	MC (+)		16	-	16																												16	
2	2017	Total		63	-	63																												63	
2	2018	AF		44	-	44																												44	
2	2018	NAVY (+)		6	-	6																												6	
2	2018	MC (+)		20	-	20																												20	
2	2018	Total		70	-	70																												70	
2	2019	AF		48	-	48																												48	
2	2019	NAVY (+)		12	-	12																												12	
2	2019	MC (+)		20	-	20																												20	
2	2019	Total		80	-	80																												80	

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 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:** - / F-35

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2017													Fiscal Year 2018													BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	Calendar Year 2017													Calendar Year 2018													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Airframe/CFE																																	
Prior Years Deliveries: 84																																	
1	2014	AF		19	17	2	1	1	-																				-				
1	2014	NAVY (+)		4	3	1	1	-	-																				-				
1	2014	MC (+)		6	4	2	1	-	1																				-				
1	2014	Total		29	24	5	3	1	1																				-				
1	2015	AF		28	-	28	-	-	-	2	2	1	2	2	2	2	3	3	4	3	-	-	-						-				
1	2015	NAVY (+)		4	-	4	-	-	-	-	-	-	-	1	-	1	-	1	-	-	1	-	-					-					
1	2015	MC (+)		6	-	6	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-	1	1					-					
1	2015	Total		38	-	38	-	-	-	2	2	1	2	2	4	2	4	3	5	4	4	1	1	1				-					
1	2016	AF		47	-	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	3	3	3	3	4	4	15			
1	2016	NAVY (+)		6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5				
1	2016	MC (+)		15	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	9			
1	2016	Total		68	-	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	4	5	6	29			
1	2017	AF		43	-	43																							43				
1	2017	NAVY (+)		4	-	4																							4				
1	2017	MC (+)		16	-	16																							16				
1	2017	Total		63	-	63																							63				
1	2018	AF		44	-	44																							44				
1	2018	NAVY (+)		6	-	6																							6				
1	2018	MC (+)		20	-	20																							20				
1	2018	Total		70	-	70																							70				
1	2019	AF		48	-	48																							48				
1	2019	NAVY (+)		12	-	12																							12				
1	2019	MC (+)		20	-	20																							20				
1	2019	Total		80	-	80																							80				
1	2020	AF		48	-	48																							48				
1	2020	NAVY (+)		18	-	18																							18				
1	2020	MC (+)		20	-	20																							20				
1	2020	Total		86	-	86																							86				
							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 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:** - / F-35

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2019														Fiscal Year 2020												BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	Calendar Year 2019														Calendar Year 2020												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
Airframe/CFE																																	
Prior Years Deliveries: 84																																	
1	2014	AF		19	19	-																							-				
1	2014	NAVY (+)		4	4	-																							-				
1	2014	MC (+)		6	6	-																							-				
1	2014	Total		29	29	-																							-				
1	2015	AF		28	28	-																							-				
1	2015	NAVY (+)		4	4	-																							-				
1	2015	MC (+)		6	6	-																							-				
1	2015	Total		38	38	-																							-				
1	2016	AF		47	32	15	4	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1	2016	NAVY (+)		6	1	5	-	-	-	-	1	1	1	1	1														-				
1	2016	MC (+)		15	6	9	1	1	1	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1	2016	Total		68	39	29	5	6	7	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-					
1	2017	AF		43	-	43	-	-	-	2	3	3	3	4	5	4	5	4	3	5	2								-				
1	2017	NAVY (+)		4	-	4	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-								-				
1	2017	MC (+)		16	-	16	-	-	-	1	1	1	1	1	2	1	2	1	2	1	2								-				
1	2017	Total		63	-	63	-	-	-	3	4	4	4	6	7	6	7	6	5	7	4							-					
1	2018	AF		44	-	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	3	4	4	4	3	4	10		
1	2018	NAVY (+)		6	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	3			
1	2018	MC (+)		20	-	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	1	11			
1	2018	Total		70	-	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	6	7	6	6	5	24			
1	2019	AF		48	-	48																								48			
1	2019	NAVY (+)		12	-	12																								12			
1	2019	MC (+)		20	-	20																								20			
1	2019	Total		80	-	80																								80			
1	2020	AF		48	-	48																								48			
1	2020	NAVY (+)		18	-	18																								18			
1	2020	MC (+)		20	-	20																								20			
1	2020	Total		86	-	86																								86			
							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 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:** - / F-35

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2021												Fiscal Year 2022												BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021												Calendar Year 2022												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L		A U G	S E P
Airframe/CFE																															
Prior Years Deliveries: 84																															
1	2014	AF		19	19	-																							-		
1	2014	NAVY (+)		4	4	-																							-		
1	2014	MC (+)		6	6	-																							-		
1	2014	Total		29	29	-																							-		
1	2015	AF		28	28	-																							-		
1	2015	NAVY (+)		4	4	-																							-		
1	2015	MC (+)		6	6	-																							-		
1	2015	Total		38	38	-																							-		
1	2016	AF		47	47	-																							-		
1	2016	NAVY (+)		6	6	-																							-		
1	2016	MC (+)		15	15	-																							-		
1	2016	Total		68	68	-																							-		
1	2017	AF		43	43	-																							-		
1	2017	NAVY (+)		4	4	-																							-		
1	2017	MC (+)		16	16	-																							-		
1	2017	Total		63	63	-																							-		
1	2018	AF		44	34	10	4	4	2	-	-	-	-																-		
1	2018	NAVY (+)		6	3	3	1	-	1	-	1	-	-																-		
1	2018	MC (+)		20	9	11	2	2	2	2	1	1	1																-		
1	2018	Total		70	46	24	7	6	5	2	2	1	1															-			
1	2019	AF		48	-	48	-	-	-	4	4	3	3	4	4	4	4	4	5	5	-	-	-						-		
1	2019	NAVY (+)		12	-	12	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1					-			
1	2019	MC (+)		20	-	20	-	-	-	-	-	-	1	1	1	1	2	2	2	2	2	2	2					-			
1	2019	Total		80	-	80	-	-	-	4	4	3	5	6	6	6	7	7	7	8	8	3	3	3				-			
1	2020	AF		48	-	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	5	4	3	4	3	4	4	13		
1	2020	NAVY (+)		18	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	12		
1	2020	MC (+)		20	-	20	-	-	-	-	-	-	-	2	2	1	2	2	1	2	2	1	2	2	1	-	-	-	-		
1	2020	Total		86	-	86	-	-	-	-	-	-	-	2	2	1	2	2	1	2	6	6	6	6	6	4	5	5	25		
							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 2017 Air Force	Date: February 2016
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Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	Item Number / Title [DODIC]: - / F-35
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Cost Elements (Units in Each)					Fiscal Year 2021														Fiscal Year 2022											BALANCE								
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021														Calendar Year 2022																	
							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	2021	AF	60	-	60																																60
	1	2021	NAVY (*)	24	-	24																															24	
	1	2021	MC (*)	21	-	21															1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	5		
1	2021	Total		105	-	105															1	1	2	2	2	2	2	2	2	2	2	2	2	89				

Engines/Eng ACC

Prior Years Deliveries: 84

2	2014	AF	19	19	-																																-
2	2014	NAVY (*)	4	4	-																																-
2	2014	MC (*)	6	6	-																																-
2	2014	Total	29	29	-																																-
2	2015	AF	28	28	-																																-
2	2015	NAVY (*)	4	4	-																																-
2	2015	MC (*)	6	6	-																																-
2	2015	Total	38	38	-																																-
2	2016	AF	47	47	-																																-
2	2016	NAVY (*)	6	6	-																																-
2	2016	MC (*)	15	15	-																																-
2	2016	Total	68	68	-																																-
2	2017	AF	43	43	-																																-
2	2017	NAVY (*)	4	4	-																																-
2	2017	MC (*)	16	16	-																																-
2	2017	Total	63	63	-																																-
2	2018	AF	44	44	-																																-
2	2018	NAVY (*)	6	6	-																																-
2	2018	MC (*)	20	20	-																																-
2	2018	Total	70	70	-																																-
2	2019	AF	48	25	23	5	5	5	5	3	-	-																									-
2	2019	NAVY (*)	12	5	7	1	1	1	1	1	1	1																									-
2	2019	MC (*)	20	12	8	2	1	2	2	1	-	-																									-
2	2019	Total	80	42	38	8	7	8	8	5	1	1																								-	

O C O	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 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:**
- / F-35

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2021												Fiscal Year 2022										BALANCE			
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	Calendar Year 2021												Calendar Year 2022												
							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	2020	AF	48	-	48	-	-	-	-	-	-	-	5	5	5	5	5	5	5	5	5	3	-	-	-					
	2	2020	NAVY (†)	18	-	18	-	-	-	-	-	-	-	1	2	1	2	1	1	2	1	2	1	2	2	-					
	2	2020	MC (†)	20	-	20	-	-	-	-	-	2	2	1	2	2	1	2	2	1	2	2	1	-	-	-					
	2	2020	Total	86	-	86	-	-	-	-	-	2	2	7	9	8	8	8	8	8	9	5	2	2	-	-					
	2	2021	AF	60	-	60	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	6	6	6	6	6	30
	2	2021	NAVY (†)	24	-	24	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	14
	2	2021	MC (†)	21	-	21	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	1	2	2	2	2	12
	2	2021	Total	105	-	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	10	10	10	10	56
							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 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:** - / F-35

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2023												Fiscal Year 2024												BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023												Calendar Year 2024												
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L		A U G	S E P
Airframe/CFE																															
Prior Years Deliveries: 84																															
1	2014	AF		19	19	-																							-		
1	2014	NAVY (+)		4	4	-																							-		
1	2014	MC (+)		6	6	-																							-		
1	2014	Total		29	29	-																							-		
1	2015	AF		28	28	-																							-		
1	2015	NAVY (+)		4	4	-																							-		
1	2015	MC (+)		6	6	-																							-		
1	2015	Total		38	38	-																							-		
1	2016	AF		47	47	-																							-		
1	2016	NAVY (+)		6	6	-																							-		
1	2016	MC (+)		15	15	-																							-		
1	2016	Total		68	68	-																							-		
1	2017	AF		43	43	-																							-		
1	2017	NAVY (+)		4	4	-																							-		
1	2017	MC (+)		16	16	-																							-		
1	2017	Total		63	63	-																							-		
1	2018	AF		44	44	-																							-		
1	2018	NAVY (+)		6	6	-																							-		
1	2018	MC (+)		20	20	-																							-		
1	2018	Total		70	70	-																							-		
1	2019	AF		48	48	-																							-		
1	2019	NAVY (+)		12	12	-																							-		
1	2019	MC (+)		20	20	-																							-		
1	2019	Total		80	80	-																							-		
1	2020	AF		48	35	13	4	5	4	-	-	-																	-		
1	2020	NAVY (+)		18	6	12	2	2	2	2	2	2																	-		
1	2020	MC (+)		20	20	-	-	-	-	-	-	-																	-		
1	2020	Total		86	61	25	6	7	6	2	2	2																-			
							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 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:** - / F-35

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2023													Fiscal Year 2024												BALANCE							
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023													Calendar Year 2024																	
							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	2021	AF	60	-	60	-	-	-	5	5	5	5	5	5	5	5	5	5	5	5	-	-	-													-
	1	2021	NAVY (+)	24	-	24	-	-	-	-	-	-	1	1	1	1	1	8	2	1	2	2	2	2													-
	1	2021	MC (+)	21	16	5	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													-
	1	2021	Total	105	16	89	2	2	1	5	5	5	6	6	6	6	13	7	6	7	2	2	2													-	

Engines/Eng ACC

Prior Years Deliveries: 84

2	2014	AF	19	19	-																											-
2	2014	NAVY (+)	4	4	-																											-
2	2014	MC (+)	6	6	-																											-
2	2014	Total	29	29	-																											-
2	2015	AF	28	28	-																											-
2	2015	NAVY (+)	4	4	-																											-
2	2015	MC (+)	6	6	-																											-
2	2015	Total	38	38	-																											-
2	2016	AF	47	47	-																											-
2	2016	NAVY (+)	6	6	-																											-
2	2016	MC (+)	15	15	-																											-
2	2016	Total	68	68	-																											-
2	2017	AF	43	43	-																											-
2	2017	NAVY (+)	4	4	-																											-
2	2017	MC (+)	16	16	-																											-
2	2017	Total	63	63	-																											-
2	2018	AF	44	44	-																											-
2	2018	NAVY (+)	6	6	-																											-
2	2018	MC (+)	20	20	-																											-
2	2018	Total	70	70	-																											-
2	2019	AF	48	48	-																											-
2	2019	NAVY (+)	12	12	-																											-
2	2019	MC (+)	20	20	-																											-
2	2019	Total	80	80	-																											-

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 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3 **P-1 Line Item Number / Title:** ATA000 / F-35 **Item Number / Title [DODIC]:**
- / F-35

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2023												Fiscal Year 2024												BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	Calendar Year 2023												Calendar Year 2024														
							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	2020		AF	48	48	-																											-
2	2020		NAVY ^(†)	18	18	-																											-
2	2020		MC ^(†)	20	20	-																											-
2	2020		Total	86	86	-																											-
2	2021		AF	60	30	30	6	6	6	6	6	-	-																				-
2	2021		NAVY ^(†)	24	10	14	2	2	2	2	2	2	2																				-
2	2021		MC ^(†)	21	9	12	2	2	2	2	2	2	-																				-
2	2021		Total	105	49	56	10	10	10	10	10	4	2																				-

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Exhibit P-21, Production Schedule: PB 2017 Air Force	Date: February 2016
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Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	Item Number / Title [DODIC]: - / F-35
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2017	1-8-5 For 2017	MAX For 2017	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	Lockheed Martin - Fort Worth, TX	19	19	124	-	-	-	-	18	6	22	28
2	Pratt & Whitney - East Hartford, CT	19	19	124	-	-	-	-	9	8	12	20

(±) 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).

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces	P-1 Line Item Number / Title: ATA000 / F-35
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Program Elements for Code B Items: 0207142F	Other Related Program Elements: 0604800F
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Line Item MDAP/MAIS Code: 198	Item MDAP/MAIS Code(s): N/A
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Resource Summary	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,490.053	418.880	460.260	404.500	-	404.500	671.263	406.750	424.230	424.230	17,450.241	23,150.407
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,490.053	418.880	460.260	404.500	-	404.500	671.263	406.750	424.230	424.230	17,450.241	23,150.407
Total Obligation Authority (<i>\$ in Millions</i>)	2,490.053	418.880	460.260	404.500	-	404.500	671.263	406.750	424.230	424.230	17,450.241	23,150.407

Description:

The Joint Strike Fighter program will develop and field a family of aircraft that meets the needs of the United States and its international partners. Specifically, the Joint Strike Fighter (JSF) will meet USAF Conventional Take Off and Landing (CTOL) requirements with the F-35A variant, the USMC Short Take-Off and Vertical Landing (STOVL) requirements with the F-35B variant, and DoN Carrier Variant (CV) requirements with the F-35C variant. Commonality among the three variants is expected to reduce life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy and the Department of the Air Force and currently resides with the Navy. The F-35 is the next generation of strike fighter to command and maintain global air superiority. The production cost and quantities are interdependent due to one manufacturer for the program. Advance procurement funding will support Airframe and Engine long-lead parts and materials necessary to protect the delivery schedule of the FY 2018 aircraft buy, as well as associated termination liability.

Funding for this exhibit contained in PE 0207142F.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2017 Air Force **Date:** February 2016

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 01: Combat Aircraft / BSA 3: Tactical Forces	P-1 Line Item Number / Title: ATA000 / F-35
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Program Elements for Code B Items: 0207142F	Other Related Program Elements: 0604800F
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Line Item MDAP/MAIS Code: 198	Item MDAP/MAIS Code(s): N/A
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Exhibits Schedule			Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Exhibit Type	Title*	ID CD	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-10	F-35		103 / 2,490.053	28 / 418.880	47 / 460.260	43 / 404.500	- / -	43 / 404.500
P-40	Total Gross/Weapon System Cost		103 / 2,490.053	28 / 418.880	47 / 460.260	43 / 404.500	- / -	43 / 404.500

Exhibits Schedule			FY 2018	FY 2019	FY 2020	FY 2021	To Complete	Total
Exhibit Type	Title*	ID CD	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-10	F-35		44 / 671.263	48 / 406.750	48 / 424.230	60 / 424.230	1,342 / 17,450.241	1,763 / 23,150.407
P-40	Total Gross/Weapon System Cost		44 / 671.263	48 / 406.750	48 / 424.230	60 / 424.230	1,342 / 17,450.241	1,763 / 23,150.407

*Title represents the P-10 Title for Advance Procurement.

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

Justification:
USAF procurement in FY 2017 provides advance procurement funding for 44 aircraft in FY 2018.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): PB 2017 Air Force										Date: February 2016		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3			P-1 Line Item Number / Title: ATA000 / F-35							P-5 Number / Title: - / F-35		
First System (2017) Award Date: March 2017		First System (2017) Completion Date: May 2018					Interval Between Systems: 0 Months					
F-35		Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2015 <i>(Each)</i>	FY 2016 <i>(Each)</i>	FY 2017 <i>(Each)</i>	FY 2018 <i>(Each)</i>	FY 2019 <i>(Each)</i>	FY 2020 <i>(Each)</i>	FY 2021 <i>(Each)</i>	To Complete <i>(Each)</i>	Total <i>(Each)</i>
Quantity		9	103	28	47	43	44	48	48	60	1,342	1,763
Cost Elements		When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2015 <i>(\$ M)</i>	FY 2016 <i>(\$ M)</i>	FY 2017 <i>(\$ M)</i>	FY 2018 <i>(\$ M)</i>	FY 2019 <i>(\$ M)</i>	FY 2020 <i>(\$ M)</i>	FY 2021 <i>(\$ M)</i>	To Complete <i>(\$ M)</i>	Total <i>(\$ M)</i>
CFE												
Airframe/CFE: Long Lead Material ^(†)		18	1,992.042	326.726	359.003	315.510	523.585	317.265	330.899	330.899	13,611.188	18,107.117
<i>Total: CFE</i>			<i>1,992.042</i>	<i>326.726</i>	<i>359.003</i>	<i>315.510</i>	<i>523.585</i>	<i>317.265</i>	<i>330.899</i>	<i>330.899</i>	<i>13,611.188</i>	<i>18,107.117</i>
GFE												
Engines/Eng ACC: Long Lead Material ^{(1) (†)}		9	498.011	92.154	101.257	88.990	147.678	89.485	93.331	93.331	3,839.053	5,043.290
<i>Total: GFE</i>			<i>498.011</i>	<i>92.154</i>	<i>101.257</i>	<i>88.990</i>	<i>147.678</i>	<i>89.485</i>	<i>93.331</i>	<i>93.331</i>	<i>3,839.053</i>	<i>5,043.290</i>
Total Advance Procurement/Obligation Authority			2,490.053	418.880	460.260	404.500	671.263	406.750	424.230	424.230	17,450.241	23,150.407

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2017 Air Force						Date: February 2016	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3			P-1 Line Item Number / Title: ATA000 / F-35			P-5 Number / Title: - / F-35	
FY 2017							
Cost Elements	QPA (Each)	Production Leadtime (Months)	Unit Cost (\$ M)	Contract Forecast Date	2017 Qty (Each)	For FY	Total Cost Request (\$ M)
CFE							
Airframe/CFE: Long Lead Material ^(†)	1	18	7.337	Mar 2017	43		315.510
<i>Total: CFE</i>							315.510
GFE							
Engines/Eng ACC: Long Lead Material ^{(1) (†)}	1	9	2.070	Mar 2017	43		88.990
<i>Total: GFE</i>							88.990
Total Advance Procurement/Obligation Authority							404.500

Description:
 Note: CFE is the required funding for the Air Vehicle. Engines are GFE to the Air Vehicle contractor. Advance procurement funding in FY 2017 will support Airframe and Engine long-lead parts, and materials necessary to protect the delivery schedule of the FY 2018 aircraft buy, as well as associated termination liability. PLT reflects the total lead time necessary to support FY 2018 production.

^(†) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

Footnotes:
⁽¹⁾ FY17 Advance Procurement funding is requested for long-lead requirements necessary to support procurement of 44 CTOL JSF aircraft in FY18.