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**Department of Defense
Fiscal Year (FY) 2018 Budget Estimates**

May 2017



Air Force

Justification Book Volume 1 of 2

Aircraft Procurement, Air Force

Vol-1

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Air Force • Budget Estimates FY 2018 • Procurement

Volume 1 Table of Contents

Introduction and Explanation of Contents.....Volume 1 - iii
Comptroller Exhibit P-1.....Volume 1 - v
Master Line Item Table of Contents (by Appropriation then Line Number)..... Volume 1 - xlvii
Master Line Item Table of Contents (Alphabetically by Line Item Title)..... Volume 1 - lv
Master Exhibit P-1, Procurement Program..... Volume 1 - lxi
Acronyms..... Volume 1 - lxxvii
Exhibit P-40s..... Volume 1 - 1

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**Appropriation Language
Fiscal Year (FY) 2018 President's Budget Request
Aircraft Procurement, Air Force**

For construction, procurement, and modification of aircraft and equipment, including armor and armament, specialized ground handling equipment, and training devices, spare parts, and accessories therefor; specialized equipment; expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes including rents, transportation of things, and overseas contingency operations, \$16,171,627,000, to remain available for obligations until September 30, 2020.

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Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation -----	FY 2016 Base + OCO -----	FY 2017 PB Request with CR Adj Base -----	FY 2017 Total PB Requests* with CR Adj Base -----
Aircraft Procurement, Air Force	15,948,514	15,722,662	17,570,182
Missile Procurement, Air Force	3,188,714	2,904,680	2,904,680
Space Procurement, Air Force	2,811,456	2,806,111	2,826,011
Procurement of Ammunition, Air Force	1,973,389	1,741,199	1,811,199
Other Procurement, Air Force	21,818,134	18,275,655	19,552,800
Total Department of the Air Force	45,740,207	41,450,307	44,664,872

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Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation -----	FY 2017 PB Request with CR Adj OCO -----	FY 2017 Total PB Requests* with CR Adj OCO -----	FY 2017 Less Enacted Div B P.L.114-254** OCO -----	FY 2017 Remaining Req with CR Adj OCO -----
Aircraft Procurement, Air Force	128,900	202,000		202,000
Missile Procurement, Air Force	289,142	289,142	-83,900	205,242
Space Procurement, Air Force				
Procurement of Ammunition, Air Force	228,874	228,874	-201,563	27,311
Other Procurement, Air Force	3,477,001	3,826,798	-137,884	3,688,914
Total Department of the Air Force	4,123,917	4,546,814	-423,347	4,123,467

UNCLASSIFIED

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation -----	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA -----	FY 2017 Total PB Requests* with CR Adj Base + OCO -----	FY 2017 Less Enacted Div B P.L.114-254** OCO -----	FY 2017 Remaining Req with CR Adj Base + OCO -----
Aircraft Procurement, Air Force	15,851,562	17,772,182		17,772,182
Missile Procurement, Air Force	3,277,722	3,193,822	-83,900	3,109,922
Space Procurement, Air Force	2,806,111	2,826,011		2,826,011
Procurement of Ammunition, Air Force	2,171,636	2,040,073	-201,563	1,838,510
Other Procurement, Air Force	21,890,540	23,379,598	-137,884	23,241,714
Total Department of the Air Force	45,997,571	49,211,686	-423,347	48,788,339

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Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation -----	FY 2018 Base -----	FY 2018 OCO -----	FY 2018 Total -----
Aircraft Procurement, Air Force	15,430,849	740,778	16,171,627
Missile Procurement, Air Force	2,296,182	395,400	2,691,582
Space Procurement, Air Force	3,370,775	2,256	3,373,031
Procurement of Ammunition, Air Force	1,376,602	501,509	1,878,111
Other Procurement, Air Force	19,603,497	4,008,887	23,612,384
Total Department of the Air Force	42,077,905	5,648,830	47,726,735

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Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: Aircraft Procurement, Air Force

Budget Activity -----	FY 2016 Base + OCO -----	FY 2017 PB Request with CR Adj Base -----	FY 2017 Total PB Requests* with CR Adj Base -----
01. Combat Aircraft	5,720,072	4,806,394	5,401,894
02. Airlift Aircraft	4,446,961	3,966,180	4,466,180
04. Other Aircraft	914,906	271,118	271,118
05. Modification of Inservice Aircraft	2,802,523	2,504,954	2,966,554
06. Aircraft Spares and Repair Parts	587,181	686,491	781,491
07. Aircraft Supt Equipment & Facilities	1,476,871	1,687,780	1,883,200
20. Undistributed		1,799,745	1,799,745
Total Aircraft Procurement, Air Force	15,948,514	15,722,662	17,570,182

UNCLASSIFIED

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: Aircraft Procurement, Air Force

Budget Activity -----	FY 2017 PB Request with CR Adj OCO -----	FY 2017 Total PB Requests* with CR Adj OCO -----	FY 2017 Less Enacted Div B P.L.114-254** OCO -----	FY 2017 Remaining Req with CR Adj OCO -----
01. Combat Aircraft				
02. Airlift Aircraft	73,000	73,000		73,000
04. Other Aircraft	453,030	453,030		453,030
05. Modification of Inservice Aircraft	299,369	329,169		329,169
06. Aircraft Spares and Repair Parts	25,600	25,600		25,600
07. Aircraft Supt Equipment & Facilities	8,400	51,700		51,700
20. Undistributed	-730,499	-730,499		-730,499
Total Aircraft Procurement, Air Force	128,900	202,000		202,000

UNCLASSIFIED

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: Aircraft Procurement, Air Force

Budget Activity -----	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA -----	FY 2017 Total PB Requests* with CR Adj Base + OCO -----	FY 2017 Less Enacted Div B P.L.114-254** OCO -----	FY 2017 Remaining Req with CR Adj Base + OCO -----
01. Combat Aircraft	4,806,394	5,401,894		5,401,894
02. Airlift Aircraft	4,039,180	4,539,180		4,539,180
04. Other Aircraft	724,148	724,148		724,148
05. Modification of Inservice Aircraft	2,804,323	3,295,723		3,295,723
06. Aircraft Spares and Repair Parts	712,091	807,091		807,091
07. Aircraft Supt Equipment & Facilities	1,696,180	1,934,900		1,934,900
20. Undistributed	1,069,246	1,069,246		1,069,246
Total Aircraft Procurement, Air Force	15,851,562	17,772,182		17,772,182

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Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: Aircraft Procurement, Air Force

Budget Activity -----	FY 2018 Base -----	FY 2018 OCO -----	FY 2018 Total -----
01. Combat Aircraft	5,324,984		5,324,984
02. Airlift Aircraft	3,211,257		3,211,257
04. Other Aircraft	229,677	271,080	500,757
05. Modification of Inservice Aircraft	3,573,914	314,831	3,888,745
06. Aircraft Spares and Repair Parts	1,041,569	129,450	1,171,019
07. Aircraft Supt Equipment & Facilities	2,049,448	25,417	2,074,865
20. Undistributed			
Total Aircraft Procurement, Air Force	15,430,849	740,778	16,171,627

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Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2016		FY 2017		FY 2017		S
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Combat Aircraft									
Tactical Forces									
1	F-35	A	47	(5,678,692)	43	(4,862,154)	48	(5,457,654)	U
	Less: Advance Procurement (PY)			(-418,880)		(-460,260)		(-460,260)	U
				5,259,812		4,401,894		4,997,394	
2	F-35			460,260		404,500		404,500	U
	Advance Procurement (CY)			(460,260)		(404,500)		(404,500)	
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)								
	C (FY 2018 for FY 2020) (M)								
Total Combat Aircraft				5,720,072		4,806,394		5,401,894	
Budget Activity 02: Airlift Aircraft									
Tactical Airlift									
3	KC-46A Tanker	A	12	2,334,601	15	2,884,591	15	2,884,591	U
Other Airlift									
4	C-130J	A	14	(996,554)	2	(203,655)	2	(203,655)	U
	Less: Advance Procurement (PY)			(-196,000)		(-58,000)		(-58,000)	U
				800,554		145,655		145,655	
5	C-130J			50,000					U
	Advance Procurement (CY)			(50,000)					
	C (FY 2016 for FY 2017) (M)								

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj		FY 2017 Total PB Requests* with CR Adj		FY 2017 Less Enacted Div B P.L.114-254**		FY 2017 Remaining Req with CR Adj		S e c e
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Combat Aircraft											

Tactical Forces											
1	F-35	A									U
	Less: Advance Procurement (PY)										U
2	F-35										U
	Advance Procurement (CY)										U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)										
	C (FY 2018 for FY 2019) (M)										
	C (FY 2018 for FY 2020) (M)										
Total Combat Aircraft											
Budget Activity 02: Airlift Aircraft											

Tactical Airlift											
3	KC-46A Tanker	A									U
Other Airlift											
4	C-130J	A	1	(73,000)	1	(73,000)			1	(73,000)	U
	Less: Advance Procurement (PY)										U
				73,000		73,000				73,000	
5	C-130J										U
	Advance Procurement (CY)										U
	C (FY 2016 for FY 2017) (M)										

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 Total		FY 2017 Total		FY 2017 Less Enacted		FY 2017 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Combat Aircraft											
Tactical Forces											
1	F-35	A	43	(4,862,154)	48	(5,457,654)			48	(5,457,654)	U
	Less: Advance Procurement (PY)			(-460,260)		(-460,260)				(-460,260)	U
				4,401,894		4,997,394				4,997,394	
2	F-35			404,500		404,500				404,500	U
	Advance Procurement (CY)			404,500		404,500				404,500	U
	C (FY 2016 for FY 2017) (M)			(404,500)		(404,500)				(404,500)	
	C (FY 2017 for FY 2018) (M)										
	C (FY 2018 for FY 2019) (M)										
	C (FY 2018 for FY 2020) (M)										
Total Combat Aircraft				4,806,394		5,401,894				5,401,894	
Budget Activity 02: Airlift Aircraft											
Tactical Airlift											
3	KC-46A Tanker	A	15	2,884,591	15	2,884,591			15	2,884,591	U
Other Airlift											
4	C-130J	A	3	(276,655)	3	(276,655)			3	(276,655)	U
	Less: Advance Procurement (PY)			(-58,000)		(-58,000)				(-58,000)	U
				218,655		218,655				218,655	
5	C-130J										U
	Advance Procurement (CY)										U
	C (FY 2016 for FY 2017) (M)										

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Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2018 Base		FY 2018 OCO		FY 2018 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Budget Activity 01: Combat Aircraft									
Tactical Forces									
1	F-35	A	46	(4,949,184)			46	(4,949,184)	U
	Less: Advance Procurement (PY)			(-404,500)				(-404,500)	U
				4,544,684				4,544,684	
2	F-35								
	Advance Procurement (CY)			780,300				780,300	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(608,100)				(608,100)	
	C (FY 2018 for FY 2020) (M)			(172,200)				(172,200)	
Total Combat Aircraft				5,324,984				5,324,984	
Budget Activity 02: Airlift Aircraft									
Tactical Airlift									
3	KC-46A Tanker	A	15	2,545,674			15	2,545,674	U
Other Airlift									
4	C-130J	A		(57,708)				(57,708)	U
	Less: Advance Procurement (PY)								U
				57,708				57,708	
5	C-130J								U
	Advance Procurement (CY)								
	C (FY 2016 for FY 2017) (M)								

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2016		FY 2017		FY 2017		S e c
			Quantity	Cost	with CR Adj	Base	Total	PB Requests*	
6	HC-130J	A	5	(498,034)	3	(359,576)	4	(459,576)	U
	Less: Advance Procurement (PY)			(-70,000)		(-42,000)		(-42,000)	U
				428,034		317,576		417,576	
7	HC-130J								
	Advance Procurement (CY)			30,000		20,000		20,000	U
	C (FY 2016 for FY 2017) (M)			(30,000)					
	C (FY 2017 for FY 2018) (M)					(20,000)		(20,000)	
8	MC-130J	A	8	(855,772)	6	(628,358)	10	(1,028,358)	U
	Less: Advance Procurement (PY)			(-112,000)		(-80,000)		(-80,000)	U
				743,772		548,358		948,358	
9	MC-130J								
	Advance Procurement (CY)			60,000		50,000		50,000	U
	C (FY 2016 for FY 2017) (M)			(60,000)					
	C (FY 2017 for FY 2018) (M)					(50,000)		(50,000)	
	C (FY 2018 for FY 2019) (M)								
Total Airlift Aircraft				4,446,961		3,966,180		4,466,180	

Budget Activity 04: Other Aircraft

 Helicopters

10 UUH-1N Replacement 2,456 18,337 18,337 U

11 CV-22 (MYP) A 1 64,500 U

Mission Support Aircraft

12 Civil Air Patrol A/C A 20 10,400 6 2,637 6 2,637 U

Other Aircraft

13 Pale Ale A 37,000 U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj		FY 2017 Total PB Requests* with CR Adj		FY 2017 Less Enacted Div B P.L.114-254**		FY 2017 Remaining Req with CR Adj		S e c -
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
6	HC-130J Less: Advance Procurement (PY)	A									U U
7	HC-130J Advance Procurement (CY) C (FY 2016 for FY 2017) (M) C (FY 2017 for FY 2018) (M)										U
8	MC-130J Less: Advance Procurement (PY)	A									U U
9	MC-130J Advance Procurement (CY) C (FY 2016 for FY 2017) (M) C (FY 2017 for FY 2018) (M) C (FY 2018 for FY 2019) (M)										U
Total Airlift Aircraft				73,000		73,000				73,000	

Budget Activity 04: Other Aircraft

Helicopters											
10	UUH-1N Replacement										U
11	CV-22 (MYP)	A									U
Mission Support Aircraft											
12	Civil Air Patrol A/C	A									U
Other Aircraft											
13	Pale Ale	A									U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 Total		FY 2017 Total		FY 2017 Less Enacted		FY 2017 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
6	HC-130J	A	3	(359,576)	4	(459,576)			4	(459,576)	U
	Less: Advance Procurement (PY)			(-42,000)		(-42,000)				(-42,000)	U
				317,576		417,576				417,576	
7	HC-130J										
	Advance Procurement (CY)			20,000		20,000				20,000	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)			(20,000)		(20,000)				(20,000)	
8	MC-130J	A	6	(628,358)	10	(1,028,358)			10	(1,028,358)	U
	Less: Advance Procurement (PY)			(-80,000)		(-80,000)				(-80,000)	U
				548,358		948,358				948,358	
9	MC-130J										
	Advance Procurement (CY)			50,000		50,000				50,000	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)			(50,000)		(50,000)				(50,000)	
	C (FY 2018 for FY 2019) (M)										
Total Airlift Aircraft				4,039,180		4,539,180				4,539,180	

Budget Activity 04: Other Aircraft

Helicopters											
10	UUH-1N Replacement			18,337		18,337				18,337	U
11	CV-22 (MYP)	A									U
Mission Support Aircraft											
12	Civil Air Patrol A/C	A	6	2,637	6	2,637			6	2,637	U
Other Aircraft											
13	Pale Ale	A									U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2018 Base		FY 2018 OCO		FY 2018 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
6	HC-130J	A	2	(218,502)			2	(218,502)	U
	Less: Advance Procurement (PY)			(-20,000)				(-20,000)	U
				198,502				198,502	
7	HC-130J								U
	Advance Procurement (CY)								
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
8	MC-130J	A	5	(453,373)			5	(453,373)	U
	Less: Advance Procurement (PY)			(-74,000)				(-74,000)	U
				379,373				379,373	
9	MC-130J								U
	Advance Procurement (CY)			30,000				30,000	
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(30,000)				(30,000)	
Total Airlift Aircraft				3,211,257				3,211,257	
Budget Activity 04: Other Aircraft									

Helicopters									
10	UUH-1N Replacement								U
11	CV-22 (MYP)	A							U
Mission Support Aircraft									
12	Civil Air Patrol A/C	A	6	2,695			6	2,695	U
Other Aircraft									
13	Pale Ale	A							U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2016		FY 2017		FY 2017		S e c
			Quantity	Base + OCO Cost	Quantity	PB Request with CR Adj Base Cost	Quantity	Total PB Requests* with CR Adj Base Cost	
14	Target Drones	A	50	131,879	41	114,656	41	114,656	U
15	Spectrum Relocation Fund	A		7,993					U
16	RQ-4	A		4,250		12,966		12,966	U
17	MQ-9	A	33	656,428		122,522		122,522	U
Total Other Aircraft				914,906		271,118		271,118	
Budget Activity 05: Modification of Inservice Aircraft									

Strategic Aircraft									
18	B-2A	A		32,157		46,729		46,729	U
19	B-1B	A		114,119		116,319		150,319	U
20	B-52	A		135,532		109,020		109,020	U
21	Large Aircraft Infrared Countermeasures	A		84,335					U
Tactical Aircraft									
22	A-10	A				1,289		39,789	U
23	F-15	A		596,932		105,685		105,685	U
24	F-16	A		12,134		97,331		257,331	U
25	F-22A	A		111,077		163,008		163,008	U
26	F-22A Advance Procurement (CY) C (FY 2018 for FY 2019) (M)								U
27	F-35 Modifications	A		70,167		175,811		175,811	U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO		FY 2017 Total PB Requests* with CR Adj OCO		FY 2017 Less Enacted Div B P.L.114-254** OCO		FY 2017 Remaining Req with CR Adj OCO		S e c -
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
14	Target Drones	A									U
15	Spectrum Relocation Fund	A									U
16	RQ-4	A									U
17	MQ-9	A	24	453,030	24	453,030			24	453,030	U
Total Other Aircraft				453,030		453,030				453,030	

Budget Activity 05: Modification of Inservice Aircraft

Strategic Aircraft

18	B-2A	A									U
19	B-1B	A									U
20	B-52	A									U
21	Large Aircraft Infrared Countermeasures	A		135,801		135,801				135,801	U

Tactical Aircraft

22	A-10	A		23,850		23,850				23,850	U
23	F-15	A									U
24	F-16	A									U
25	F-22A	A									U
26	F-22A Advance Procurement (CY) C (FY 2018 for FY 2019) (M)										U
27	F-35 Modifications	A									U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 Total		FY 2017 Total		FY 2017 Less Enacted		FY 2017 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
14	Target Drones	A	41	114,656	41	114,656			41	114,656	U
15	Spectrum Relocation Fund	A									U
16	RQ-4	A		12,966		12,966				12,966	U
17	MQ-9	A	24	575,552	24	575,552			24	575,552	U
Total Other Aircraft				724,148		724,148				724,148	
Budget Activity 05: Modification of Inservice Aircraft											
Strategic Aircraft											
18	B-2A	A		46,729		46,729				46,729	U
19	B-1B	A		116,319		150,319				150,319	U
20	B-52	A		109,020		109,020				109,020	U
21	Large Aircraft Infrared Countermeasures	A		135,801		135,801				135,801	U
Tactical Aircraft											
22	A-10	A		25,139		63,639				63,639	U
23	F-15	A		105,685		105,685				105,685	U
24	F-16	A		97,331		257,331				257,331	U
25	F-22A	A		163,008		163,008				163,008	U
26	F-22A Advance Procurement (CY) C (FY 2018 for FY 2019) (M)										U
27	F-35 Modifications	A		175,811		175,811				175,811	U

UNCLASSIFIED

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2018 Base		FY 2018 OCO		FY 2018 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
14	Target Drones	A	42	109,841			42	109,841	U
15	Spectrum Relocation Fund	A							U
16	RQ-4	A							U
17	MQ-9	A		117,141	32	271,080	32	388,221	U
Total Other Aircraft				229,677		271,080		500,757	
Budget Activity 05: Modification of Inservice Aircraft									

Strategic Aircraft									
18	B-2A	A		96,727				96,727	U
19	B-1B	A		155,634				155,634	U
20	B-52	A		109,295				109,295	U
21	Large Aircraft Infrared Countermeasures	A		4,046				4,046	U
Tactical Aircraft									
22	A-10	A		6,010				6,010	U
23	F-15	A		417,193				417,193	U
24	F-16	A		203,864				203,864	U
25	F-22A	A		161,630				161,630	U
26	F-22A								
	Advance Procurement (CY)			15,000				15,000	U
	C (FY 2018 for FY 2019) (M)			(15,000)				(15,000)	
27	F-35 Modifications	A		68,270				68,270	U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2016		FY 2017		FY 2017		S e c
			Quantity	Cost	with CR Adj	Base	Total	PB Requests*	
				Base + OCO	Base	with CR Adj	Base	with CR Adj	
28	Increment 3.2b			(92,825)		(76,410)		(76,410)	U
	Less: Advance Procurement (FY)			(-28,500)					U
				64,325		76,410		76,410	
29	Increment 3.2b								
	Advance Procurement (CY)					2,000		2,000	U
	C (FY 2017 for FY 2018) (M)					(2,000)		(2,000)	
30	KC-46A Tanker	A							U
	Airlift Aircraft								
31	C-5	A				24,192		24,192	U
32	C-5M	A							U
33	C-17A	A		43,697		21,555		21,555	U
34	C-21	A		9,860		5,439		5,439	U
35	C-32A	A		39,464		35,235		35,235	U
36	C-37A	A		12,361		5,004		5,004	U
37	C-130J	A							U
	Trainer Aircraft								
38	Glider Mods	A		134		394		394	U
39	T-6	A		14,968		12,765		12,765	U
40	T-1	A		13,106		25,073		25,073	U
41	T-38	A		30,604		45,090		45,090	U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO		FY 2017 Total PB Requests* with CR Adj OCO		FY 2017 Less Enacted Div B P.L.114-254** OCO		FY 2017 Remaining Req with CR Adj OCO		S e c e
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
28	Increment 3.2b Less: Advance Procurement (FY)										U U
29	Increment 3.2b Advance Procurement (CY) C (FY 2017 for FY 2018) (M)										U
30	KC-46A Tanker	A									U
	Airlift Aircraft										
31	C-5	A									U
32	C-5M	A									U
33	C-17A	A									U
34	C-21	A									U
35	C-32A	A									U
36	C-37A	A									U
37	C-130J	A									U
	Trainer Aircraft										
38	Glider Mods	A									U
39	T-6	A									U
40	T-1	A									U
41	T-38	A									U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 Total		FY 2017 Total		FY 2017 Less Enacted		FY 2017 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
28	Increment 3.2b			(76,410)		(76,410)			(76,410)		U
	Less: Advance Procurement (FY)										U
				76,410		76,410			76,410		
29	Increment 3.2b										
	Advance Procurement (CY)			2,000		2,000			2,000		U
	C (FY 2017 for FY 2018) (M)			(2,000)		(2,000)			(2,000)		
30	KC-46A Tanker	A									U
	Airlift Aircraft										
31	C-5	A		24,192		24,192			24,192		U
32	C-5M	A									U
33	C-17A	A		21,555		21,555			21,555		U
34	C-21	A		5,439		5,439			5,439		U
35	C-32A	A		35,235		35,235			35,235		U
36	C-37A	A		5,004		5,004			5,004		U
37	C-130J	A									U
	Trainer Aircraft										
38	Glider Mods	A		394		394			394		U
39	T-6	A		12,765		12,765			12,765		U
40	T-1	A		25,073		25,073			25,073		U
41	T-38	A		45,090		45,090			45,090		U

UNCLASSIFIED

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2018 Base		FY 2018 OCO		FY 2018 Total		S e c	
			Quantity	Cost	Quantity	Cost	Quantity	Cost		
28	Increment 3.2b		72	(107,756)			72	(107,756)	U	
	Less: Advance Procurement (FY)			(-2,000)				(-2,000)	U	
				105,756				105,756		
29	Increment 3.2b								U	
	Advance Procurement (CY)									
	C (FY 2017 for FY 2018) (M)									
30	KC-46A Tanker	A		6,213				6,213	U	
Airlift Aircraft										
31	C-5	A		36,592				36,592	U	
32	C-5M	A		6,817				6,817	U	
33	C-17A	A		125,522		26,850		152,372	U	
34	C-21	A		13,253				13,253	U	
35	C-32A	A		79,449				79,449	U	
36	C-37A	A		15,423				15,423	U	
37	C-130J	A		10,727				10,727	U	
Trainer Aircraft										
38	Glider Mods	A		136				136	U	
39	T-6	A		35,706				35,706	U	
40	T-1	A		21,477				21,477	U	
41	T-38	A		51,641				51,641	U	

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2016		FY 2017		FY 2017		S e c
			Quantity	Cost	with CR Adj	Base	Total	PB Requests*	
				Base + OCO			with CR Adj	Base	
					Quantity	Cost	Quantity	Cost	
Other Aircraft									
42	U-2 Mods	A		22,095		36,074		36,074	U
43	KC-10A (ATCA)	A		5,611		4,570		4,570	U
44	C-12	A		2,080		1,995		1,995	U
45	VC-25A Mod	A		114,231		102,670		102,670	U
46	C-40	A		9,920		13,984		13,984	U
47	C-130	A		223,258		9,168		146,168	U
48	C-130J Mods	A		29,713		89,424		89,424	U
49	C-135	A		48,868		64,161		64,161	U
50	OC-135B	A							U
51	Compass Call Mods	A		81,990		130,257		182,857	U
52	combat flight inspection (CFIN)	A							U
53	RC-135	A		165,715		211,438		211,438	U
54	E-3	A		12,828		82,786		82,786	U
55	E-4	A		22,071		53,348		53,348	U
56	E-8	A		18,001		6,244		9,244	U
57	Airborne Warning and Control System	A		178,308		223,427		245,227	U
58	Family of Beyond Line-of-Sight Terminals	A		43,843	3	4,673	3	4,673	U
59	H-1	A		6,291		9,007		9,007	U
60	H-60	A		67,054		91,357		99,057	U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO		FY 2017 Total PB Requests* with CR Adj OCO		FY 2017 Less Enacted Div B P.L.114-254** OCO		FY 2017 Remaining Req with CR Adj OCO		S e c e
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Aircraft											
42	U-2 Mods	A									U
43	KC-10A (ATCA)	A									U
44	C-12	A									U
45	VC-25A Mod	A									U
46	C-40	A									U
47	C-130	A									U
48	C-130J Mods	A									U
49	C-135	A									U
50	OC-135B	A									U
51	Compass Call Mods	A				29,800			29,800		U
52	combat flight inspection (CFIN)	A									U
53	RC-135	A									U
54	E-3	A		6,600		6,600			6,600		U
55	E-4	A									U
56	E-8	A									U
57	Airborne Warning and Control System	A									U
58	Family of Beyond Line-of-Sight Terminals	A									U
59	H-1	A									U
60	H-60	A									U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 Total		FY 2017 Total		FY 2017 Less Enacted		FY 2017 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Aircraft											
42	U-2 Mods	A		36,074		36,074				36,074	U
43	KC-10A (ATCA)	A		4,570		4,570				4,570	U
44	C-12	A		1,995		1,995				1,995	U
45	VC-25A Mod	A		102,670		102,670				102,670	U
46	C-40	A		13,984		13,984				13,984	U
47	C-130	A		9,168		146,168				146,168	U
48	C-130J Mods	A		89,424		89,424				89,424	U
49	C-135	A		64,161		64,161				64,161	U
50	OC-135B	A									U
51	Compass Call Mods	A		130,257		212,657				212,657	U
52	combat flight inspection (CFIN)	A									U
53	RC-135	A		211,438		211,438				211,438	U
54	E-3	A		89,386		89,386				89,386	U
55	E-4	A		53,348		53,348				53,348	U
56	E-8	A		6,244		9,244				9,244	U
57	Airborne Warning and Control System	A		223,427		245,227				245,227	U
58	Family of Beyond Line-of-Sight Terminals	A	3	4,673	3	4,673			3	4,673	U
59	H-1	A		9,007		9,007				9,007	U
60	H-60	A		91,357		99,057				99,057	U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2018 Base		FY 2018 OCO		FY 2018 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Aircraft									
42	U-2 Mods	A		36,406				36,406	U
43	KC-10A (ATCA)	A		4,243				4,243	U
44	C-12	A		5,846				5,846	U
45	VC-25A Mod	A		52,107				52,107	U
46	C-40	A		31,119				31,119	U
47	C-130	A		66,310				66,310	U
48	C-130J Mods	A		171,230		8,400		179,630	U
49	C-135	A		69,428				69,428	U
50	OC-135B	A		23,091				23,091	U
51	Compass Call Mods	A		166,541		56,720		223,261	U
52	combat flight inspection (CFIN)	A		495				495	U
53	RC-135	A		201,559				201,559	U
54	E-3	A		189,772				189,772	U
55	E-4	A		30,493				30,493	U
56	E-8	A		13,232		3,000		16,232	U
57	Airborne Warning and Control System	A		164,786				164,786	U
58	Family of Beyond Line-of-Sight Terminals	A		24,716				24,716	U
59	H-1	A		3,730				3,730	U
60	H-60	A		75,989				75,989	U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2016		FY 2017		FY 2017		S e c
			Quantity	Cost	with CR Adj	Base	Total	PB Requests*	
							with CR Adj	Base	
61	RQ-4 Mods	A		50,022		32,045		32,045	U
62	HC/MC-130 Modifications	A		27,350		30,767		37,767	U
63	Other Aircraft	A		42,475		33,886		33,886	U
64	MQ-1 Mods	A		3,173					U
65	MQ-9 Mods	A		184,051		141,929		141,929	U
66	CV-22 Mods	A		58,603		63,395		63,395	U
Total Modification of Inservice Aircraft				2,802,523		2,504,954		2,966,554	
Budget Activity 06: Aircraft Spares and Repair Parts									

Aircraft Spares and Repair Parts									
67	Initial Spares/Repair Parts	A		587,181		686,491		781,491	U
Total Aircraft Spares and Repair Parts				587,181		686,491		781,491	
Budget Activity 07: Aircraft Supt Equipment & Facilities									

Common Support Equipment									
68	Aircraft Replacement Support Equip	A		33,716		121,935		158,755	U
69	Other Production Charges	A							U
70	Common Support Equipment	A						24,700	U
71	T-53A Trainer	A							U
Post Production Support									
72	B-2A	A				154		154	U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO		FY 2017 Total PB Requests* with CR Adj OCO		FY 2017 Less Enacted Div B P.L.114-254** OCO		FY 2017 Remaining Req with CR Adj OCO		S e c -
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
61	RQ-4 Mods	A									U
62	HC/MC-130 Modifications	A		13,550		13,550				13,550	U
63	Other Aircraft	A		7,500		7,500				7,500	U
64	MQ-1 Mods	A									U
65	MQ-9 Mods	A		112,068		112,068				112,068	U
66	CV-22 Mods	A									U
Total Modification of Inservice Aircraft				299,369		329,169				329,169	
Budget Activity 06: Aircraft Spares and Repair Parts											

Aircraft Spares and Repair Parts											
67	Initial Spares/Repair Parts	A		25,600		25,600				25,600	U
Total Aircraft Spares and Repair Parts				25,600		25,600				25,600	
Budget Activity 07: Aircraft Supt Equipment & Facilities											

Common Support Equipment											
68	Aircraft Replacement Support Equip	A									U
69	Other Production Charges	A									U
70	Common Support Equipment	A									U
71	T-53A Trainer	A									U
Post Production Support											
72	B-2A	A									U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 Total		FY 2017 Total		FY 2017 Less Enacted		FY 2017 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
61	RQ-4 Mods	A		32,045		32,045			32,045		U
62	HC/MC-130 Modifications	A		44,317		51,317			51,317		U
63	Other Aircraft	A		41,386		41,386			41,386		U
64	MQ-1 Mods	A									U
65	MQ-9 Mods	A		253,997		253,997			253,997		U
66	CV-22 Mods	A		63,395		63,395			63,395		U
Total Modification of Inservice Aircraft				2,804,323		3,295,723			3,295,723		
Budget Activity 06: Aircraft Spares and Repair Parts											

Aircraft Spares and Repair Parts											
67	Initial Spares/Repair Parts	A		712,091		807,091			807,091		U
Total Aircraft Spares and Repair Parts				712,091		807,091			807,091		
Budget Activity 07: Aircraft Supt Equipment & Facilities											

Common Support Equipment											
68	Aircraft Replacement Support Equip	A		121,935		158,755			158,755		U
69	Other Production Charges	A									U
70	Common Support Equipment	A				24,700			24,700		U
71	T-53A Trainer	A									U
Post Production Support											
72	B-2A	A		154		154			154		U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2018 Base		FY 2018 OCO		FY 2018 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
61	RQ-4 Mods	A		43,968			43,968		U
62	HC/MC-130 Modifications	A		67,674		153,080	220,754		U
63	Other Aircraft	A		59,068		10,381	69,449		U
64	MQ-1 Mods	A							U
65	MQ-9 Mods	A		264,740		56,400	321,140		U
66	CV-22 Mods	A		60,990			60,990		U
Total Modification of Inservice Aircraft				3,573,914		314,831	3,888,745		
Budget Activity 06: Aircraft Spares and Repair Parts									

Aircraft Spares and Repair Parts									
67	Initial Spares/Repair Parts	A		1,041,569		129,450	1,171,019		U
Total Aircraft Spares and Repair Parts				1,041,569		129,450	1,171,019		
Budget Activity 07: Aircraft Supt Equipment & Facilities									

Common Support Equipment									
68	Aircraft Replacement Support Equip	A		75,846		25,417	101,263		U
69	Other Production Charges	A		8,524			8,524		U
70	Common Support Equipment	A							U
71	T-53A Trainer	A		501			501		U
Post Production Support									
72	B-2A	A		447			447		U

P-1C1F: FY 2018 President's Budget Request (Published Version), as of May 4, 2017 at 10:02:54

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2016		FY 2017		FY 2017		S e c
			Quantity	Cost	with CR Adj	Base	Total	PB Requests*	
				Base + OCO			with CR Adj	Base	
73	B-2a	A		39,112		43,330		43,330	U
74	B-52	A		3,693		28,125		28,125	U
75	C-17A	A		15,054		23,559		23,559	U
76	CV-22 Post Production Support			3,353					U
77	C-135	A		1,500					U
78	RC-135	A							U
79	F-15	A							U
80	F-15	A		3,208		2,980		2,980	U
81	F-16	A		8,969		15,155		15,155	U
82	F-22A	A		971		48,505		48,505	U
83	Other Aircraft	A							U
84	MQ-9	A		30,650					U
85	RQ-4 Post Production Charges	A				99		99	U
86	CV-22 Mods	A							U
Industrial Preparedness									
87	Industrial Responsiveness	A		18,802		14,126		28,026	U
88	C-130J	A							U
War Consumables									
89	War Consumables	A		156,465		120,036		120,036	U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO		FY 2017 Total PB Requests* with CR Adj OCO		FY 2017 Less Enacted Div B P.L.114-254** OCO		FY 2017 Remaining Req with CR Adj OCO		S e c -
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
73	B-2a	A									U
74	B-52	A									U
75	C-17A	A									U
76	CV-22 Post Production Support										U
77	C-135	A									U
78	RC-135	A									U
79	F-15	A									U
80	F-15	A									U
81	F-16	A									U
82	F-22A	A									U
83	Other Aircraft	A									U
84	MQ-9	A									U
85	RQ-4 Post Production Charges	A									U
86	CV-22 Mods	A									U
Industrial Preparedness											
87	Industrial Responsiveness	A									U
88	C-130J	A									U
War Consumables											
89	War Consumables	A									U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 Total		FY 2017 Total		FY 2017 Less Enacted		FY 2017 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
73	B-2a	A		43,330		43,330			43,330		U
74	B-52	A		28,125		28,125			28,125		U
75	C-17A	A		23,559		23,559			23,559		U
76	CV-22 Post Production Support										U
77	C-135	A									U
78	RC-135	A									U
79	F-15	A									U
80	F-15	A		2,980		2,980			2,980		U
81	F-16	A		15,155		15,155			15,155		U
82	F-22A	A		48,505		48,505			48,505		U
83	Other Aircraft	A									U
84	MQ-9	A									U
85	RQ-4 Post Production Charges	A		99		99			99		U
86	CV-22 Mods	A									U
Industrial Preparedness											
87	Industrial Responsiveness	A		14,126		28,026			28,026		U
88	C-130J	A									U
War Consumables											
89	War Consumables	A		120,036		120,036			120,036		U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2018 Base		FY 2018 OCO		FY 2018 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
73	B-2a	A		38,509			38,509		U
74	B-52	A		199			199		U
75	C-17A	A		12,028			12,028		U
76	CV-22 Post Production Support								U
77	C-135	A							U
78	RC-135	A		29,700			29,700		U
79	F-15	A		20,000			20,000		U
80	F-15	A		2,524			2,524		U
81	F-16	A		18,051			18,051		U
82	F-22A	A		119,566			119,566		U
83	Other Aircraft	A		85,000			85,000		U
84	MQ-9	A							U
85	RQ-4 Post Production Charges	A		86,695			86,695		U
86	CV-22 Mods	A		4,500			4,500		U
Industrial Preparedness									
87	Industrial Responsiveness	A		14,739			14,739		U
88	C-130J	A		102,000			102,000		U
War Consumables									
89	War Consumables	A		37,647			37,647		U

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO		FY 2017 PB Request with CR Adj		FY 2017 Total PB Requests*		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
	Other Production Charges								
90	Other Production Charges	A		1,118,875		1,252,824		1,372,824	U
92	Other Aircraft	A							U
999	Classified Programs			42,503		16,952		16,952	U
	Total Aircraft Supt Equipment & Facilities			1,476,871		1,687,780		1,883,200	
	Budget Activity 20: Undistributed								
	Undistributed								
	96 Adj to Match Continuing Resolution	A				1,799,745		1,799,745	U
	Total Undistributed					1,799,745		1,799,745	
	Total Aircraft Procurement, Air Force			15,948,514		15,722,662		17,570,182	

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj		FY 2017 Total PB Requests* with CR Adj		FY 2017 Less Enacted Div B P.L.114-254**		FY 2017 Remaining Req with CR Adj		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Production Charges											
90	Other Production Charges	A		8,400		51,700				51,700	U
92	Other Aircraft	A									U
999	Classified Programs										U
Total Aircraft Supt Equipment & Facilities				8,400		51,700				51,700	
Budget Activity 20: Undistributed											

Undistributed											
96	Adj to Match Continuing Resolution	A		-730,499		-730,499				-730,499	U
Total Undistributed				-730,499		-730,499				-730,499	
Total Aircraft Procurement, Air Force				128,900		202,000				202,000	

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2017 Total		FY 2017 Total		FY 2017 Less Enacted		FY 2017 Remaining Req		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost	
	Other Production Charges										
90	Other Production Charges	A	1,261,224		1,424,524				1,424,524		U
92	Other Aircraft	A									U
999	Classified Programs		16,952		16,952				16,952		U
	Total Aircraft Supt Equipment & Facilities		1,696,180		1,934,900				1,934,900		
	Budget Activity 20: Undistributed										
	Undistributed										
96	Adj to Match Continuing Resolution	A	1,069,246		1,069,246				1,069,246		U
	Total Undistributed		1,069,246		1,069,246				1,069,246		
	Total Aircraft Procurement, Air Force		15,851,562		17,772,182				17,772,182		

UNCLASSIFIED

Department of the Air Force
 FY 2018 President's Budget Request
 Exhibit P-1 FY 2018 President's Budget Request
 Total Obligational Authority
 (Dollars in Thousands)

04 May 2017

Appropriation: 3010F Aircraft Procurement, Air Force

Line No	Item Nomenclature	Ident Code	FY 2018 Base		FY 2018 OCO		FY 2018 Total		S e c
			Quantity	Cost	Quantity	Cost	Quantity	Cost	
Other Production Charges									
90	Other Production Charges	A		1,339,160				1,339,160	U
92	Other Aircraft	A		600				600	U
999	Classified Programs			53,212				53,212	U
Total Aircraft Supt Equipment & Facilities				2,049,448		25,417		2,074,865	
Budget Activity 20: Undistributed									

Undistributed									
96	Adj to Match Continuing Resolution	A							U
Total Undistributed									
Total Aircraft Procurement, Air Force				15,430,849		740,778		16,171,627	

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Air Force • Budget Estimates FY 2018 • Procurement

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

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
1	01	03	ATA000	F-35.....	Volume 1 - 1
2	01	03	ATA000	F-35, Advance Procurement.....	Volume 1 - 17

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
3	02	02	KC046A	KC-46A Tanker.....	Volume 1 - 23
4	02	03	C130J0	C-130J.....	Volume 1 - 33
5	02	03	C130J0	C-130J, Advance Procurement.....	Volume 1 - 39
6	02	03	C130JH	HC-130J.....	Volume 1 - 43
7	02	03	C130JH	HC-130J, Advance Procurement.....	Volume 1 - 53
8	02	03	C130JM	MC-130J.....	Volume 1 - 57
9	02	03	C130JM	MC-130J, Advance Procurement.....	Volume 1 - 67

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
10	04	01	H0106O	UUH-1N Replacement.....	Volume 1 - 71
11	04	01	V022A0	CV-22 (MYP).....	Volume 1 - 75
12	04	04	CAPAC0	Civil Air Patrol A/C.....	Volume 1 - 79
13	04	05	10PALE	Pale Ale.....	Volume 1 - 81
14	04	05	10TRGT	Target Drones.....	Volume 1 - 83
15	04	05	11SPEC	Spectrum Relocation Fund.....	Volume 1 - 101
16	04	05	HAEUAV	RQ-4.....	Volume 1 - 103
17	04	05	PRDTB1	MQ-9.....	Volume 1 - 109

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
18	05	01	B00200	B-2A.....	Volume 2 - 1
19	05	01	B01B00	B-1B.....	Volume 2 - 17
20	05	01	B05200	B-52.....	Volume 2 - 31

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
21	05	01	LAIRCM	Large Aircraft Infrared Countermeasures.....	Volume 2 - 47
22	05	02	A01000	A-10.....	Volume 2 - 49
23	05	02	F01500	F-15.....	Volume 2 - 51
24	05	02	F01600	F-16.....	Volume 2 - 77
27	05	02	F03500	F-35 Modifications.....	Volume 2 - 93
28	05	02	F02200	F-22A.....	Volume 2 - 103
29	05	02	F02200	F-22A, Advance Procurement.....	Volume 2 - 117
028	05	02	F2232B	Increment 3.2b.....	Volume 2 - 121
029	05	02	F2232B	Increment 3.2b, Advance Procurement.....	Volume 2 - 127
30	05	05	KC046A	KC-46A.....	Volume 2 - 131
31	05	03	C00500	C-5.....	Volume 2 - 133
32	05	03	C005M0	C-5M.....	Volume 2 - 141
33	05	03	C01700	C-17A.....	Volume 2 - 143
34	05	03	C02100	C-21.....	Volume 2 - 161
35	05	03	C03200	C-32A.....	Volume 2 - 163
36	05	03	C03700	C-37A.....	Volume 2 - 173
37	05	03	C130J0	C-130J.....	Volume 2 - 175
38	05	04	GLID00	GLIDER Mods.....	Volume 2 - 177

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
39	05	04	JPAT00	T-6.....	Volume 2 - 179
40	05	04	T00100	T-1.....	Volume 2 - 185
41	05	04	T03800	T-38.....	Volume 2 - 191
42	05	05	11U200	U-2 Mods.....	Volume 2 - 203
43	05	05	C01000	KC-10A (ATCA).....	Volume 2 - 209
44	05	05	C01200	C-12.....	Volume 2 - 211
45	05	05	C02500	VC-25A Mod.....	Volume 2 - 213
46	05	05	C04000	C-40.....	Volume 2 - 221
47	05	05	C13000	C-130.....	Volume 2 - 227
48	05	05	C1300J	C-130J Mods.....	Volume 2 - 239
49	05	05	C13500	C-135.....	Volume 2 - 251
50	05	05	C135BO	OC-135B.....	Volume 2 - 257
51	05	05	CALL00	COMPASS CALL Mods.....	Volume 2 - 263
52	05	05	CFIN00	combat flight inspection (CFIN).....	Volume 2 - 273
53	05	05	DARP01	RC-135.....	Volume 2 - 275
54	05	05	E00300	E-3.....	Volume 2 - 283
55	05	05	E00400	E-4.....	Volume 2 - 295
56	05	05	E00800	E-8.....	Volume 2 - 301

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
57	05	05	E34045	Airborne Warning and Control System.....	Volume 2 - 303
58	05	05	FBLOST	Family of Beyond Line-of-Sight Terminals.....	Volume 2 - 311
59	05	05	H00100	H-1.....	Volume 2 - 319
60	05	05	H06000	H-60.....	Volume 2 - 321
61	05	05	HAWK00	RQ-4 MODS.....	Volume 2 - 345
62	05	05	HCMC00	HC/MC-130 Modifications.....	Volume 2 - 357
63	05	05	OTHACF	Other Aircraft.....	Volume 2 - 375
64	05	05	PRDT01	MQ-1 Mods.....	Volume 2 - 387
65	05	05	PRDTB2	MQ-9 MODS.....	Volume 2 - 389
66	05	05	V02200	CV-22 MODS.....	Volume 2 - 405

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
67	06	10	000999	Initial Spares/Repair Parts.....	Volume 1 - 123

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
68	07	01	71	Aircraft Replacement Support Equipment.....	Volume 1 - 127
69	07	01	000075	Other Production Charges.....	Volume 1 - 155
70	07	01	000999	Common Support Equipment.....	Volume 1 - 157
71	07	02	T053A0	T-53A Trainer.....	Volume 1 - 159
72	07	02	B00200	B-2A.....	Volume 1 - 161
73	07	02	B002B0	B-2a.....	Volume 1 - 163
74	07	02	B05200	B-52.....	Volume 1 - 167
75	07	02	C01700	C-17A.....	Volume 1 - 169
76	07	02	C0V220	CV-22 Post Production Support.....	Volume 1 - 171
77	07	02	C13500	C-135.....	Volume 1 - 173
78	07	02	DARP01	RC-135.....	Volume 1 - 175
79	07	02	F01500	F-15.....	Volume 1 - 179
80	07	02	F0150P	F-15.....	Volume 1 - 183
81	07	02	F0160P	F-16.....	Volume 1 - 185
82	07	02	F02200	F-22A.....	Volume 1 - 187
83	07	02	OTHACF	Other Aircraft.....	Volume 1 - 191

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Appropriation 3010F: Aircraft Procurement, Air Force

Line #	BA	BSA	Line Item Number	Line Item Title	Page
84	07	02	PRDTB1	MQ-9.....	Volume 1 - 195
85	07	02	RQ4DIS	RQ-4 Post Production Charges.....	Volume 1 - 197
87	07	03	000073	Industrial Responsiveness.....	Volume 1 - 207
88	07	03	C130J0	C-130J.....	Volume 1 - 209
89	07	04	000074	War Consumables.....	Volume 1 - 213
90	07	05	000075	Other Production Charges.....	Volume 1 - 219
92	07	05	OTHACF	Other Aircraft.....	Volume 1 - 239

UNCLASSIFIED

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Air Force • Budget Estimates FY 2018 • Procurement

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

Line Item Title	Line Item Number	Line #	BA	BSA	Page
A-10	A01000	22	05	02.....	Volume 2 - 49
Airborne Warning and Control System	E34045	57	05	05.....	Volume 2 - 303
Aircraft Replacement Support Equipment	71	68	07	01.....	Volume 1 - 127
B-1B	B01B00	19	05	01.....	Volume 2 - 17
B-2A	B00200	72	07	02.....	Volume 1 - 161
B-2A	B00200	18	05	01.....	Volume 2 - 1
B-2a	B002B0	73	07	02.....	Volume 1 - 163
B-52	B05200	74	07	02.....	Volume 1 - 167
B-52	B05200	20	05	01.....	Volume 2 - 31
C-12	C01200	44	05	05.....	Volume 2 - 211
C-130	C13000	47	05	05.....	Volume 2 - 227
C-130J	C130J0	4	02	03.....	Volume 1 - 33
C-130J, Advance Procurement	C130J0	5	02	03.....	Volume 1 - 39
C-130J	C130J0	88	07	03.....	Volume 1 - 209
C-130J	C130J0	37	05	03.....	Volume 2 - 175
C-130J Mods	C1300J	48	05	05.....	Volume 2 - 239
C-135	C13500	77	07	02.....	Volume 1 - 173

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
C-135	C13500	49	05	05.....	Volume 2 - 251
C-17A	C01700	75	07	02.....	Volume 1 - 169
C-17A	C01700	33	05	03.....	Volume 2 - 143
C-21	C02100	34	05	03.....	Volume 2 - 161
C-32A	C03200	35	05	03.....	Volume 2 - 163
C-37A	C03700	36	05	03.....	Volume 2 - 173
C-40	C04000	46	05	05.....	Volume 2 - 221
C-5	C00500	31	05	03.....	Volume 2 - 133
C-5M	C005M0	32	05	03.....	Volume 2 - 141
COMPASS CALL Mods	CALL00	51	05	05.....	Volume 2 - 263
CV-22 (MYP)	V022A0	11	04	01.....	Volume 1 - 75
CV-22 MODS	V02200	66	05	05.....	Volume 2 - 405
CV-22 Post Production Support	C0V220	76	07	02.....	Volume 1 - 171
Civil Air Patrol A/C	CAPAC0	12	04	04.....	Volume 1 - 79
Common Support Equipment	000999	70	07	01.....	Volume 1 - 157
E-3	E00300	54	05	05.....	Volume 2 - 283
E-4	E00400	55	05	05.....	Volume 2 - 295
E-8	E00800	56	05	05.....	Volume 2 - 301
F-15	F01500	79	07	02.....	Volume 1 - 179
F-15	F0150P	80	07	02.....	Volume 1 - 183

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
F-15	F01500	23	05	02.....	Volume 2 - 51
F-16	F0160P	81	07	02.....	Volume 1 - 185
F-16	F01600	24	05	02.....	Volume 2 - 77
F-22A	F02200	82	07	02.....	Volume 1 - 187
F-22A	F02200	28	05	02.....	Volume 2 - 103
F-22A, Advance Procurement	F02200	29	05	02.....	Volume 2 - 117
F-35	ATA000	1	01	03.....	Volume 1 - 1
F-35, Advance Procurement	ATA000	2	01	03.....	Volume 1 - 17
F-35 Modifications	F03500	27	05	02.....	Volume 2 - 93
Family of Beyond Line-of-Sight Terminals	FBLOST	58	05	05.....	Volume 2 - 311
GLIDER Mods	GLID00	38	05	04.....	Volume 2 - 177
H-1	H00100	59	05	05.....	Volume 2 - 319
H-60	H06000	60	05	05.....	Volume 2 - 321
HC-130J	C130JH	6	02	03.....	Volume 1 - 43
HC-130J, Advance Procurement	C130JH	7	02	03.....	Volume 1 - 53
HC/MC-130 Modifications	HCMC00	62	05	05.....	Volume 2 - 357
Increment 3.2b	F2232B	028	05	02.....	Volume 2 - 121
Increment 3.2b, Advance Procurement	F2232B	029	05	02.....	Volume 2 - 127
Industrial Responsiveness	000073	87	07	03.....	Volume 1 - 207
Initial Spares/Repair Parts	000999	67	06	10.....	Volume 1 - 123

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
KC-10A (ATCA)	C01000	43	05	05.....	Volume 2 - 209
KC-46A	KC046A	30	05	05.....	Volume 2 - 131
KC-46A Tanker	KC046A	3	02	02.....	Volume 1 - 23
Large Aircraft Infrared Countermeasures	LAIRCM	21	05	01.....	Volume 2 - 47
MC-130J	C130JM	8	02	03.....	Volume 1 - 57
MC-130J, Advance Procurement	C130JM	9	02	03.....	Volume 1 - 67
MQ-1 Mods	PRDT01	64	05	05.....	Volume 2 - 387
MQ-9	PRDTB1	17	04	05.....	Volume 1 - 109
MQ-9	PRDTB1	84	07	02.....	Volume 1 - 195
MQ-9 MODS	PRDTB2	65	05	05.....	Volume 2 - 389
OC-135B	C135BO	50	05	05.....	Volume 2 - 257
Other Aircraft	OTHACF	83	07	02.....	Volume 1 - 191
Other Aircraft	OTHACF	92	07	05.....	Volume 1 - 239
Other Aircraft	OTHACF	63	05	05.....	Volume 2 - 375
Other Production Charges	000075	69	07	01.....	Volume 1 - 155
Other Production Charges	000075	90	07	05.....	Volume 1 - 219
Pale Ale	10PALE	13	04	05.....	Volume 1 - 81
RC-135	DARP01	78	07	02.....	Volume 1 - 175
RC-135	DARP01	53	05	05.....	Volume 2 - 275
RQ-4	HAEUAV	16	04	05.....	Volume 1 - 103

UNCLASSIFIED

UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement

Line Item Title	Line Item Number	Line #	BA	BSA	Page
RQ-4 MODS	HAWK00	61	05	05.....	Volume 2 - 345
RQ-4 Post Production Charges	RQ4DIS	85	07	02.....	Volume 1 - 197
Spectrum Relocation Fund	11SPEC	15	04	05.....	Volume 1 - 101
T-1	T00100	40	05	04.....	Volume 2 - 185
T-38	T03800	41	05	04.....	Volume 2 - 191
T-53A Trainer	T053A0	71	07	02.....	Volume 1 - 159
T-6	JPAT00	39	05	04.....	Volume 2 - 179
Target Drones	10TRGT	14	04	05.....	Volume 1 - 83
U-2 Mods	11U200	42	05	05.....	Volume 2 - 203
UUH-1N Replacement	H0106O	10	04	01.....	Volume 1 - 71
VC-25A Mod	C02500	45	05	05.....	Volume 2 - 213
War Consumables	000074	89	07	04.....	Volume 1 - 213
combat flight inspection (CFIN)	CFIN00	52	05	05.....	Volume 2 - 273

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

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

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
1	A	ATA000	F-35	47	5,678.692	48	5,457.654	46	4,949.184	-	0.000	46	4,949.184
1	B	ATA000	F-35	47	418.880	48	460.260	46	404.500	-	-	46	404.500
2	C	ATA000	F-35	47	460.260	48	404.500	46	780.300	-	-	46	780.300
Total: Combat Aircraft / Tactical Forces				-	5,720.072	-	5,401.894	-	5,324.984	-	0.000	-	5,324.984

Appropriation 3010F: Aircraft Procurement, Air Force
BA 02: Airlift Aircraft / BSA 2: Tactical Airlift

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
3	A	KC046A	KC-46A Tanker	12	2,334.601	15	2,884.591	15	2,545.674	-	0.000	15	2,545.674
Total: Airlift Aircraft / Tactical Airlift				-	2,334.601	-	2,884.591	-	2,545.674	-	0.000	-	2,545.674

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 02: Airlift Aircraft / BSA 3: Other Airlift

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
4	A	C130J0	C-130J	14	996.554	3	276.655	-	57.708	-	0.000	-	57.708
4	B	C130J0	C-130J	14	196.000	3	58.000	-	0.000	-	-	-	0.000
5	C	C130J0	C-130J	14	50.000	3	0.000	-	0.000	-	-	-	0.000
6	A	C130JH	HC-130J	5	498.034	3	459.576	2	218.502	-	0.000	2	218.502
6	B	C130JH	HC-130J	5	70.000	3	42.000	2	20.000	-	-	2	20.000
7	C	C130JH	HC-130J	5	30.000	3	20.000	2	0.000	-	-	2	0.000
8	A	C130JM	MC-130J	8	855.772	10	1,028.358	5	453.373	-	0.000	5	453.373
8	B	C130JM	MC-130J	8	112.000	10	80.000	5	74.000	-	-	5	74.000
9	C	C130JM	MC-130J	8	60.000	10	50.000	5	30.000	-	-	5	30.000
Total: Airlift Aircraft / Other Airlift				-	2,112.360	-	1,654.589	-	665.583	-	0.000	-	665.583

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

**Appropriation 3010F: Aircraft Procurement, Air Force
 BA 04: Other Aircraft / BSA 1: Helicopters**

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
10	A	H0106O	UUH-1N Replacement	-	2.456	-	18.337	-	0.000	-	0.000	-	0.000
10	B	H0106O	UUH-1N Replacement	-	0.000	-	0.000	-	0.000	-	-	-	0.000
11	A	V022A0	CV-22 (MYP)	1	64.500	-	0.000	-	0.000	-	0.000	-	0.000
Total: Other Aircraft / Helicopters				-	66.956	-	18.337	-	0.000	-	0.000	-	0.000

**Appropriation 3010F: Aircraft Procurement, Air Force
 BA 04: Other Aircraft / BSA 4: Mission Support Aircraft**

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
12	A	CAPAC0	Civil Air Patrol A/C	20	10.400	6	2.637	6	2.695	-	0.000	6	2.695

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 04: Other Aircraft / BSA 4: Mission Support Aircraft

				Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
Line#	Cost Type	Line Item #	Line Item Title	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Other Aircraft / Mission Support Aircraft				-	10.400	-	2.637	-	2.695	-	0.000	-	2.695

Appropriation 3010F: Aircraft Procurement, Air Force
BA 04: Other Aircraft / BSA 5: Other Aircraft

				Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
Line#	Cost Type	Line Item #	Line Item Title	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
13	A	10PALE	Pale Ale	-	37.000	-	0.000	-	0.000	-	0.000	-	0.000
14	A	10TRGT	Target Drones	50	131.879	41	114.656	42	109.841	-	0.000	42	109.841
15	A	11SPEC	Spectrum Relocation Fund	-	7.993	-	0.000	-	0.000	-	0.000	-	0.000
16	A	HAEUAV	RQ-4	-	4.250	-	12.966	-	0.000	-	0.000	-	0.000
16	B	HAEUAV	RQ-4	-	-	-	-	-	-	-	-	-	-
17	A	PRDTB1	MQ-9	33	656.428	24	575.552	-	117.141	32	271.080	32	388.221

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 04: Other Aircraft / BSA 5: Other Aircraft

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Other Aircraft / Other Aircraft				-	837.550	-	703.174	-	226.982	-	271.080	-	498.062

Appropriation 3010F: Aircraft Procurement, Air Force
BA 05: Modification of Inservice Aircraft / BSA 1: Strategic Aircraft

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
18	A	B00200	B-2A	-	32.157	-	46.729	-	96.727	-	0.000	-	96.727
19	A	B01B00	B-1B	-	114.119	-	150.319	-	155.634	-	0.000	-	155.634
20	A	B05200	B-52	-	135.532	-	109.020	-	109.295	-	0.000	-	109.295
21	A	LAIRCM	Large Aircraft Infrared Countermeasures	-	84.335	-	135.801	-	4.046	-	0.000	-	4.046
Total: Modification of Inservice Aircraft / Strategic Aircraft				-	366.143	-	441.869	-	365.702	-	0.000	-	365.702

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 05: Modification of Inservice Aircraft / BSA 2: Tactical Aircraft

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
22	A	A01000	A-10	-	0.000	-	63.639	-	6.010	-	0.000	-	6.010
23	A	F01500	F-15	-	596.932	-	105.685	-	417.193	-	0.000	-	417.193
24	A	F01600	F-16	-	12.134	-	257.331	-	203.864	-	0.000	-	203.864
27	A	F03500	F-35 Modifications	-	70.167	-	175.811	-	68.270	-	0.000	-	68.270
28	A	F02200	F-22A	-	111.077	-	163.008	-	161.630	-	0.000	-	161.630
28	B	F02200	F-22A	-	-	-	-	-	-	-	-	-	-
29	C	F02200	F-22A	-	-	-	-	-	15.000	-	-	-	15.000
028	A	F2232B	Increment 3.2b	-	92.825	-	76.410	-	107.756	-	0.000	-	107.756
028	B	F2232B	Increment 3.2b	-	28.500	-	-	-	2.000	-	-	-	2.000
029	C	F2232B	Increment 3.2b	-	-	-	2.000	-	-	-	-	-	-
Total: Modification of Inservice Aircraft / Tactical Aircraft				-	854.635	-	843.884	-	977.723	-	0.000	-	977.723

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
30	A	KC046A	KC-46A	-	0.000	-	0.000	-	6.213	-	0.000	-	6.213
42	A	11U200	U-2 Mods	-	22.095	-	36.074	-	36.406	-	0.000	-	36.406
43	A	C01000	KC-10A (ATCA)	-	5.611	-	4.570	-	4.243	-	0.000	-	4.243
44	A	C01200	C-12	-	2.080	-	1.995	-	5.846	-	0.000	-	5.846
45	A	C02500	VC-25A Mod	-	114.231	-	102.670	-	52.107	-	0.000	-	52.107
46	A	C04000	C-40	-	9.920	-	13.984	-	31.119	-	0.000	-	31.119
47	A	C13000	C-130	-	223.258	-	146.168	-	66.310	-	0.000	-	66.310
48	A	C1300J	C-130J Mods	-	29.713	-	89.424	-	171.230	-	8.400	-	179.630
49	A	C13500	C-135	-	48.868	-	64.161	-	69.428	-	0.000	-	69.428
50	A	C135BO	OC-135B	-	0.000	-	0.000	-	23.091	-	0.000	-	23.091
51	A	CALL00	COMPASS CALL Mods	-	81.990	-	212.657	-	166.541	-	56.720	-	223.261
52	A	CFIN00	combat flight inspection (CFIN)	-	0.000	-	0.000	-	0.495	-	0.000	-	0.495
53	A	DARP01	RC-135	-	165.715	-	211.438	-	201.559	-	0.000	-	201.559
54	A	E00300	E-3	-	12.828	-	89.386	-	189.772	-	0.000	-	189.772

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 05: Modification of Inservice Aircraft / BSA 5: Other Aircraft

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
55	A	E00400	E-4	-	22.071	-	53.348	-	30.493	-	0.000	-	30.493
56	A	E00800	E-8	-	18.001	-	9.244	-	13.232	-	3.000	-	16.232
57	A	E34045	Airborne Warning and Control System	-	178.308	-	245.227	-	164.786	-	0.000	-	164.786
58	A	FBLOST	Family of Beyond Line-of-Sight Terminals	-	43.843	-	4.673	-	24.716	-	0.000	-	24.716
59	A	H00100	H-1	-	6.291	-	9.007	-	3.730	-	0.000	-	3.730
60	A	H06000	H-60	-	67.054	-	99.057	-	75.989	-	0.000	-	75.989
61	A	HAWK00	RQ-4 MODS	-	50.022	-	32.045	-	43.968	-	0.000	-	43.968
62	A	HCMC00	HC/MC-130 Modifications	-	27.350	-	51.317	-	67.674	-	153.080	-	220.754
63	A	OTHACF	Other Aircraft	-	42.475	-	41.386	-	59.068	-	10.381	-	69.449
64	A	PRDT01	MQ-1 Mods	-	3.173	-	0.000	-	0.000	-	0.000	-	0.000
65	A	PRDTB2	MQ-9 MODS	-	184.051	-	253.997	-	264.740	-	56.400	-	321.140
66	A	V02200	CV-22 MODS	-	58.603	-	63.395	-	60.990	-	0.000	-	60.990
Total: Modification of Inservice Aircraft / Other Aircraft				-	1,417.551	-	1,835.223	-	1,833.746	-	287.981	-	2,121.727

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 05: Modification of Inservice Aircraft / BSA 3: Airlift Aircraft

Cost (\$ in Millions)

Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
31	A	C00500	C-5	-	0.000	-	24.192	-	36.592	-	0.000	-	36.592
32	A	C005M0	C-5M	-	0.000	-	0.000	-	6.817	-	0.000	-	6.817
33	A	C01700	C-17A	-	43.697	-	21.555	-	125.522	-	26.850	-	152.372
34	A	C02100	C-21	-	9.860	-	5.439	-	13.253	-	0.000	-	13.253
35	A	C03200	C-32A	-	39.464	-	35.235	-	79.449	-	0.000	-	79.449
36	A	C03700	C-37A	-	12.361	-	5.004	-	15.423	-	0.000	-	15.423
37	A	C130J0	C-130J	-	0.000	-	0.000	-	10.727	-	0.000	-	10.727
Total: Modification of Inservice Aircraft / Airlift Aircraft				-	105.382	-	91.425	-	287.783	-	26.850	-	314.633

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
38	A	GLID00	GLIDER Mods	-	0.134	-	0.394	-	0.136	-	0.000	-	0.136
39	A	JPAT00	T-6	-	14.968	-	12.765	-	35.706	-	0.000	-	35.706
40	A	T00100	T-1	-	13.106	-	25.073	-	21.477	-	0.000	-	21.477
41	A	T03800	T-38	-	30.604	-	45.090	-	51.641	-	0.000	-	51.641
Total: Modification of Inservice Aircraft / Trainer Aircraft				-	58.812	-	83.322	-	108.960	-	0.000	-	108.960

Appropriation 3010F: Aircraft Procurement, Air Force
BA 06: Aircraft Spares and Repair Parts / BSA 10: Aircraft Spares and Repair Parts

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
67	A	000999	Initial Spares/Repair Parts	-	587.181	-	807.091	-	1,041.569	-	129.450	-	1,171.019

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UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 06: Aircraft Spares and Repair Parts / BSA 10: Aircraft Spares and Repair Parts

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Aircraft Spares and Repair Parts / Aircraft Spares and Repair Parts				-	587.181	-	807.091	-	1,041.569	-	129.450	-	1,171.019

Appropriation 3010F: Aircraft Procurement, Air Force
BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
68	A	71	Aircraft Replacement Support Equipment	-	33.716	-	158.755	-	75.846	-	25.417	-	101.263
69	A	000075	Other Production Charges	-	0.000	-	0.000	-	8.524	-	0.000	-	8.524
70	A	000999	Common Support Equipment	-	0.000	-	24.700	-	0.000	-	0.000	-	0.000

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Aircraft Supt Equipment & Facilities / Common Support Equipment				-	33.716	-	183.455	-	84.370	-	25.417	-	109.787

Appropriation 3010F: Aircraft Procurement, Air Force
BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
71	A	T053A0	T-53A Trainer	-	0.000	-	0.000	-	0.501	-	0.000	-	0.501
72	A	B00200	B-2A	-	0.000	-	0.154	-	0.447	-	0.000	-	0.447
73	A	B002B0	B-2a	-	39.112	-	43.330	-	38.509	-	0.000	-	38.509
74	A	B05200	B-52	-	3.693	-	28.125	-	0.199	-	0.000	-	0.199
75	A	C01700	C-17A	-	15.054	-	23.559	-	12.028	-	0.000	-	12.028
76	A	C0V220	CV-22 Post Production Support	-	3.353	-	0.000	-	4.500	-	0.000	-	4.500

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

Line#	Cost Type	Line Item #	Line Item Title	Cost (\$ in Millions)									
				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
77	A	C13500	C-135	-	1.500	-	0.000	-	0.000	-	0.000	-	0.000
78	A	DARP01	RC-135	-	0.000	-	0.000	-	29.700	-	0.000	-	29.700
79	A	F01500	F-15	-	0.000	-	0.000	-	20.000	-	0.000	-	20.000
80	A	F0150P	F-15	-	3.208	-	2.980	-	2.524	-	0.000	-	2.524
81	A	F0160P	F-16	-	8.969	-	15.155	-	18.051	-	0.000	-	18.051
82	A	F02200	F-22A	-	0.971	-	48.505	-	119.566	-	0.000	-	119.566
83	A	OTHACF	Other Aircraft	-	0.000	-	0.000	-	85.000	-	0.000	-	85.000
84	A	PRDTB1	MQ-9	-	30.650	-	0.000	-	0.000	-	0.000	-	0.000
85	A	RQ4DIS	RQ-4 Post Production Charges	-	0.000	-	0.099	-	86.695	-	0.000	-	86.695
Total: Aircraft Supt Equipment & Facilities / Post Production Support				-	106.510	-	161.907	-	417.720	-	0.000	-	417.720

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Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 07: Aircraft Supt Equipment & Facilities / BSA 3: Industrial Preparedness

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
87	A	000073	Industrial Responsiveness	-	18.802	-	28.026	-	14.739	-	0.000	-	14.739
88	A	C130J0	C-130J	-	0.000	-	0.000	-	102.000	-	0.000	-	102.000
Total: Aircraft Supt Equipment & Facilities / Industrial Preparedness				-	18.802	-	28.026	-	116.739	-	0.000	-	116.739

Appropriation 3010F: Aircraft Procurement, Air Force
BA 07: Aircraft Supt Equipment & Facilities / BSA 4: War Consumables

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
89	A	000074	War Consumables	-	156.465	-	120.036	-	37.647	-	0.000	-	37.647

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UNCLASSIFIED

Air Force • Budget Estimates FY 2018 • Procurement
 Master Exhibit P-1, Procurement Program
 (Listing by Appropriation, then Line Number)

Appropriation 3010F: Aircraft Procurement, Air Force
BA 07: Aircraft Supt Equipment & Facilities / BSA 4: War Consumables

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Total: Aircraft Supt Equipment & Facilities / War Consumables				-	156.465	-	120.036	-	37.647	-	0.000	-	37.647

Appropriation 3010F: Aircraft Procurement, Air Force
BA 07: Aircraft Supt Equipment & Facilities / BSA 5: Other Production Charges

				Cost (\$ in Millions)									
Line#	Cost Type	Line Item #	Line Item Title	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	
				Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
90	A	000075	Other Production Charges	-	1,118.875	-	1,424.524	-	1,339.160	-	0.000	-	1,339.160
92	A	OTHACF	Other Aircraft	-	0.000	-	0.500	-	0.600	-	0.000	-	0.600
Total: Aircraft Supt Equipment & Facilities / Other Production Charges				-	1,118.875	-	1,425.024	-	1,339.760	-	0.000	-	1,339.760

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ACRONYMS

GENERAL ACRONYMS

A&AS	- Advisory & Assistance Services
ABIDES	- Automated Budget Interactive Data Environment System
ACAT	- Acquisition Category
ACTD	- Advanced Concept Technology Demonstration
AGM	- Air-to-Ground Missile
AIM	- Air Intercept Missile
AIS	- Avionics Intermediate Shop
ACMI	- Aircraft Combat Maneuvering Instrumentation
AMRAAM	- Advanced Medium-Range Air-to-Air Missile
APPN	- Appropriation
ATD	- Advanced Technology Development
BA	- Budget Activity
BLSS	- Base Level Self-Sufficiency Spares
BY	- Budget Year
C3	- Command, Control, and Communication System
CFE	- Contractor Furnished Equipment
CONOPS	- Concept of Operation
CONUS	- Continental United States
CPMS	- Comprehensive Power Management System
CPT	- Cockpit Procedures Trainer
CRA	- Continuing Resolution Authority
CTS	- Countermeasures Test Set
CY	- Current Year
ECCM	- Electronic Counter Counter-Measures
ECM	- Electronic Counter Measures
ECO	- Engineering Change Orders
EOQ	- Economic Order Quantity
ECP	- Engineering Change Proposal
EPA	- Economic Price Adjustment
EW	- Electronic Warfare
EWAIISP	- Electronic Warfare Avionics Integration Support Facility
FLIR	- Forward Looking Infra Red

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FOT&E	- Follow-on Test and Evaluation
FOC	- Fully Operational Capability
FLTS	- Flight Line Test Set
FPIF	- Fixed Price Incentive Firm
FPIS	- Fixed Price Incentive Fee, Successive Targets
FY	- Fiscal Year
GANS	- Global Access Navigation & Safety
GATM	- Global Air Traffic Management
GFE	- Government Furnished Equipment
GFP	- Government Furnished Property
GPS	- Global Positioning System
GSE	- Ground Support Equipment
ICS	- Interim Contractor Support
IOC	- Initial Operating Capability
IPE	- Increased Performance Engine
JPALS	- Joint Precision Approach and Landing System
MAIS	- Major Automated Information System Program
MDAP	- Major Defense Acquisition Program
METS	- Mobile Electronic Test Stations
MYP	- Multiyear Procurement
MSIP	- Multi-Stage Improvement Program
NAVWAR	- Navigation Warfare
NMC Rate	- Not Mission Capable Rate
OFF	- Operational Flight Program
OT&E	- Operational Test and Evaluation
OWRM	- Other War Reserve Material
PAGEL	- Priced Aerospace Ground Equipment List
PB	- President's Budget
PGSE	- Peculiar Ground Support Equipment
PMA	- Program Management Administration
PMC	- Procurement Method Code
PNO	- Acquisition Program Number (MDAP Codes)
PR	- Purchase Request
PRCP	- Program Resource Collection Process
PTT	- Part Task Trainer
PY	- Prior Year

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R&M	- Reliability and Maintainability
RAA	- Required Asset Availability
RDT&E	- Research, Development, Test and Evaluation
RWR	- Radar Warning Receiver
ROM	- Rough Order of Magnitude
SS	- Sole Source
SOF	- Special Operation Force
TAF	- Tactical Air Force
TCAS	- Traffic Collision Alert and Avoidance System
TEWS	- Tactical Electronic Warfare System
TISS	- TEWS Intermediate Support System
TOA	- Total Obligation Authority
WCF	- Working Capital Fund
WRM	- War Reserve Material
WST	- Weapon System Trainer
UAV	- Unmanned Aerial Vehicle
XML	- Extensible Markup Language

BASE / ORGANIZATIONAL ACRONYMS

ACC	- Air Combat Command
AETC	- Air Education & Training Command
AFCAO	- Air Force Computer Acquisition Office
AFCESA	- Air Force Civil Engineering Support Agency
AFCIC	- AF Communications & Information Center
AFCSC	- Air Force Cryptologic Service Center
AFESC	- Air Force Engineering Services Center
AFGWC	- Air Force Global Weather Central
AFIT	- Air Force Institute of Technology
AFLCMC	- Air Force Life Cycle Management Center
AFMC	- Air Force Materiel Command
AFMETCAL	- Air Force Metrology and Calibration Office
AFMLO	- Air Force Medical Logistics Office
AFOSI	- Air Force Office of Special Investigation
AFOTEC	- Air Force Operational Test & Evaluation Center
AFPC	- Air Force Personnel Center

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AFPSL	- AF Primary Standards Lab
AFR	- Air Force Reserve
AFSOC	- AF Special Operations Command
AFSPC	- Air Force Space Command
AIA	- Air Intelligence Agency
ALC	- Air Logistics Center
AMC	- Air Mobility Command
ANG	- Air National Guard
ASC	- Aeronautical Systems Center
AETC	- Air Education Training Command
AU	- Air University
AWS	- Air Weather Service
CIA	- Central Intelligence Agency
DGSC	- Defense General Support Center
DLA	- Defense Logistics Center
DOE	- Department of Energy
DPSC	- Defense Personnel Support Center
DSCC	- Defense Supply Center, Columbus
DTIC	- Defense Technical Information Center
ER	- Eastern Range
ESC	- Electronic Systems Center
FAA	- Federal Aviation Agency
FBI	- Federal Bureau of Investigation
GSA	- General Services Administration
JCS	- Joint Chiefs of Staff
NATO	- North Atlantic Treaty Organization
OSD	- Office of the Secretary of Defense
PACAF	- Pacific Air Forces
USAF	- United States Air Force
USAFA	- United States Air Force Academy
USAFE	- United States Air Force Europe
USCENTCOM	- United States Central Command
USEUCOM	- United States European Command
USMC	- United States Marine Corps
USSTRATCOM	- United States Strategic Command
WP AFB	- Wright-Patterson AFB, OH

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CONTRACT METHOD / TYPE ACRONYMS

C	- Competitive
BA	- Basic Agreement
BOA	- Basic Ordering Agreement
BPA	- Blanket Purchasing Agreement
CS	- Cost Sharing
IDDQ	- Indefinite Delivery, Definite Quantity
IDIQ	- Indefinite Delivery, Indefinite Quantity
IDRT	- Indefinite Delivery, Requirements
Letter	- Letter
LH	- Labor-hour
MIPR	- Military Interdepartmental Purchase Request
MIPR-C	- Military Interdepartmental Purchase Request - Competitive
MIPR-OPT	- Military Interdepartmental Purchase Request - Option
MIPR-OTH	- Military Interdepartmental Purchase Request – Other
MIPR-SS	- Military Interdepartmental Purchase Request - Sole Source
OPT	- Option
OTH	- Other
PO	- Project Order
REQN	- Requisition
SS	- Sole Source
T&M	- Time and Materials
UCA	- Undefinitized Contract Action
WP	- Work Project

CONTRACTED BY ACRONYMS

11 WING	- 11th Support Wing, Washington, DC
ACC	- Air Combat Command, Langley AFB, VA
AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AAC	- Air Armament Center, Eglin AFB, FL
AEDC	- Arnold Engineering Development Center, Arnold AFB, TN
AETC	- Air Education and Training Command, Randolph AFB, TX
AFCIC	- Air Force Communications and Information Center, Washington, DC
AFCESA	- Air Force Civil Engineering Support Agency, Tyndall AFB, FL
AFFTC	- Air Force Flight Test Center, Edwards AFB, CA

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AFLCMC	- Air Force Life Cycle Management Center, Wright-Patterson AFB, OH
AFMC	- Air Force Materiel Command, Wright-Patterson AFB, OH
AFMETCAL	- Air Force Metrology and Calibration Office, Heath, Ohio
AFMLO	- Air Force Medical Logistics Office, Ft Detrick, MD
AIA	- Air Intelligence Agency, Kelly AFB, TX
AMC	- Air Mobility Command, Scott AFB, IL
ASC	- Aeronautical Systems Center, Wright-Patterson AFB, OH & Eglin AFB, FL
AFWA	- Air Force Weather Agency, Offutt AFB, NE
DGSC	- Defense General Support Center, Richmond, VA
DPSC	- Defense Personnel Support Center, Philadelphia, PA
ER	- Eastern Range, Patrick AFB, FL
ESC	- Electronic Systems Center, Hanscom AFB, MA
HSC	- Human Services Center, Brook AFB, TX
OC-ALC	- Oklahoma City Air Logistics Center, Tinker AFB, OK
OO-ALC	- Ogden Air Logistics Center, Hill AFB, UT
SMC	- Space & Missile Systems Center, Los Angeles AFB, CA
US STRATCOM	- US Strategic Command, Offutt AFB, NE
WACC	- Washington Area Contracting Center, Washington DC
WR	- Western Range, Vandenberg AFB, CA
WR-ALC	- Warner-Robins Air Logistics Center, Robins AFB, GA
AFSPC	- Air Force Space Command, Peterson AFB, CO
HQ ANG	- Headquarters, Air National Guard, Washington, DC
USAFE	- United States Air Force Europe, Ramstein AB, GE
USAFA	- United States Air Force Academy, Colorado Springs, CO
SSG	- Standard Systems Group, Maxwell AFB-Gunter Annex, AL

IDENTIFICATION CODES

Code "A"	- Line items of material which have been approved for Air Force service use.
Code "B"	- Line items of material that have not been approved for Service use
OBAN	- Operating Budget Account Number, 2-digit code for unit allocated funds

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

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

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	131	47	48	46	-	46	48	48	54	54	1,287	1,763
Gross/Weapon System Cost (<i>\$ in Millions</i>)	22,529.837	5,678.692	5,457.654	4,949.184	0.000	4,949.184	4,861.796	4,787.213	5,617.084	5,512.142	169,753.821	229,147.423
Less PY Advance Procurement (<i>\$ in Millions</i>)	2,490.053	418.880	460.260	404.500	-	404.500	608.100	577.400	754.400	716.100	21,068.054	27,497.747
Net Procurement (P-1) (<i>\$ in Millions</i>)	20,039.784	5,259.812	4,997.394	4,544.684	0.000	4,544.684	4,253.696	4,209.813	4,862.684	4,796.042	148,685.767	201,649.676
Plus CY Advance Procurement (<i>\$ in Millions</i>)	2,908.933	460.260	404.500	780.300	-	780.300	405.200	1,003.600	965.300	414.700	20,154.954	27,497.747
Total Obligation Authority (<i>\$ in Millions</i>)	22,948.717	5,720.072	5,401.894	5,324.984	0.000	5,324.984	4,658.896	5,213.413	5,827.984	5,210.742	168,840.721	229,147.423

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

Initial Spares (<i>\$ in Millions</i>)	1,230.985	229.582	267.792	320.831	-	320.831	319.151	416.722	399.361	394.654	4,175.007	7,754.085
Flyaway Unit Cost (<i>\$ in Millions</i>)	151.439	109.882	101.088	99.843	-	99.843	92.352	92.049	90.782	93.227	126.781	122.747
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	171.983	120.823	113.701	107.591	-	107.591	101.287	99.734	104.020	102.077	131.899	129.976

Description:

The F-35 Program is a joint DoD program for which Service Acquisition Executive Authority alternates between the Department of the Navy (DoN) and the Department of the Air Force, and currently resides with the DoN. The Department of the Air Force will assume the role of Service Acquisition Executive Authority on May 27, 2017. 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. The primary RDT&E PE is 0604800F.
- (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) Initial Operational Capability (IOC) occurred on 2 August 2016 and Full Rate Production (FRP) is scheduled for April 2019.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

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

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-5	F-35	P-5a, P-21	B		131 / 22,529.837	47 / 5,678.692	48 / 5,457.654	46 / 4,949.184	- / 0.000	46 / 4,949.184
P-40	Total Gross/Weapon System Cost				131 / 22,529.837	47 / 5,678.692	48 / 5,457.654	46 / 4,949.184	- / 0.000	46 / 4,949.184

*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 FY2018 BUDGET REQUEST: The FY18 budget provides funding for 46 F-35A aircraft and associated equipment and support, associated sustainment and logistical requirements for USAF, and Advance Procurement for 48 CTOL aircraft in FY19.

The FY2018 budget requests \$436 millions of Advance Procurement for FY19 long lead materials and \$344.3 millions of Economic Order Quantity (EOQ) for FY19 and FY20 items as part of the international partner and foreign military sales countries Block Buy strategy. The Advance Procurement (AP) funding requested in FY2018 will support Airframe and Engine long-lead parts and materials necessary to protect the Lot 13 delivery schedule. The EOQ funding request is to procure items for FY19 (Lot 13) and FY20 (Lot 14) while executing single year contract options in FY19 and FY20 respectively as part of the International partner and FMS Block Buy strategy. The international partner and foreign military sales (FMS) countries have already committed to provide EOQ funding for Lot 12 thru Lot 14 aircraft procurement.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force **Date:** May 2017

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:**

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (<i>Units in Each</i>)	131	47	48	46	-	46
Gross/Weapon System Cost (<i>\$ in Millions</i>)	22,529.837	5,678.692	5,457.654	4,949.184	0.000	4,949.184
Less PY Advance Procurement (<i>\$ in Millions</i>)	2,490.053	418.880	460.260	404.500	-	404.500
Net Procurement (P-1) (<i>\$ in Millions</i>)	20,039.784	5,259.812	4,997.394	4,544.684	0.000	4,544.684
Plus CY Advance Procurement (<i>\$ in Millions</i>)	2,908.933	460.260	404.500	780.300	-	780.300
Total Obligation Authority (<i>\$ in Millions</i>)	22,948.717	5,720.072	5,401.894	5,324.984	0.000	5,324.984

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

Initial Spares (<i>\$ in Millions</i>)	1,230.985	229.582	267.792	320.831	0.000	320.831
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	171.983	120.823	113.701	107.591	-	107.591

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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 ^(†)	87.635	131	11,480.246	64.467	47	3,029.948	62.022	48	2,977.059	57.516	46	2,645.726	-	-	-	57.516	46	2,645.726
CFE Electronics	27.646	131	3,621.654	16.743	47	786.926	16.216	48	778.359	15.277	46	702.757	-	-	-	15.277	46	702.757
Engines/Eng ACC ^(†)	15.451	131	2,024.122	13.060	47	613.798	12.847	48	616.645	12.608	46	579.979	-	-	-	12.608	46	579.979
ECO	3.644	131	477.411	1.885	47	88.613	1.822	48	87.441	1.708	46	78.569	-	-	-	1.708	46	78.569
Non-Recurring Cost	-	-	1,751.235	-	-	438.085	-	-	186.231	-	-	358.356	-	-	-	-	-	358.356
Ancillary Equip	-	-	483.891	-	-	207.069	-	-	206.499	-	-	227.395	-	-	-	-	-	227.395
Subtotal: Recurring Cost	-	-	19,838.559	-	-	5,164.439	-	-	4,852.234	-	-	4,592.782	-	-	-	-	-	4,592.782
Subtotal: Flyaway - Flyaway End Item Cost	-	-	19,838.559	-	-	5,164.439	-	-	4,852.234	-	-	4,592.782	-	-	-	-	-	4,592.782

Support - Support End Item Cost																		
Airframe PGSE	-	-	312.230	-	-	101.342	-	-	67.336	-	-	85.327	-	-	-	-	-	85.327
Engine PGSE	-	-	166.825	-	-	35.248	-	-	14.115	-	-	45.950	-	-	-	-	-	45.950
Avionics PGSE	-	-	398.127	-	-	68.840	-	-	104.718	-	-	11.810	-	-	-	-	-	11.810
Peculiar Training Equipment	-	-	407.844	-	-	42.280	-	-	78.074	-	-	22.390	-	-	-	-	-	22.390
Full Mission Simulators	13.823	24	331.753	9.980	2	19.960	7.630	8	61.040	-	-	0.000	-	-	0.000	-	-	0.000
Pubs/Tech Data/ALIS	-	-	73.360	-	-	14.493	-	-	24.745	-	-	10.780	-	-	-	-	-	10.780
Production Eng Support	-	-	401.968	-	-	63.308	-	-	126.941	-	-	93.450	-	-	-	-	-	93.450
Other ILS	-	-	557.031	-	-	168.782	-	-	128.451	-	-	86.695	-	-	-	-	-	86.695
Miscellaneous Support	-	-	4.143	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Field Activities	-	-	37.997	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Support - Support End Item Cost</i>	-	-	2,691.278	-	-	514.253	-	-	605.420	-	-	356.402	-	-	0.000	-	-	356.402
Gross/Weapon System Cost	171.983	131	22,529.837	120.823	47	5,678.692	113.701	48	5,457.654	107.591	46	4,949.184	-	-	0.000	107.591	46	4,949.184

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 (8 FMS), the phased procurement of Lakenheath between FY18 (2 FMS) & FY19 (2 FMS). Also USAF will stand up three OPS sites with FMS procurements in FY20 (2 FMS) and FY21 (12 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.

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

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force								Date: May 2017			
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	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	Aug 2016	Feb 2017	28	72.786	Y		Jan 2014
Airframe/CFE ^(†)		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	May 2017	Jan 2018	47	64.467	Y		Jan 2015
Airframe/CFE ^(†)		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Sep 2017	Jan 2019	48	62.022	Y		Jan 2016
Airframe/CFE ^(†)		2018	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	46	57.516	Y		Jan 2017
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	Apr 2016	May 2016	28	13.793	Y		Mar 2014
Engines/Eng ACC ^(†)		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Jul 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	48	12.847	Y		Mar 2016
Engines/Eng ACC ^(†)		2018	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2018	May 2019	46	12.608	Y		Mar 2017

Advance Procurement												
Airframe/CFE: Long Lead Material		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	May 2017	Jan 2018	48	7.479	Y		Jan 2015
Airframe/CFE: Long Lead Material		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Sep 2017	Jan 2019	46	6.859	Y		Jan 2016
Airframe/CFE: Long Lead Material		2018	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	48	7.812	Y		Jan 2017
Airframe/CFE: For FY19 EOQ/Long Lead		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	May 2017	Jan 2018	0	0.000	Y		Jan 2015
Airframe/CFE: For FY19 EOQ/Long Lead		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Sep 2017	Jan 2019	0	0.000	Y		Jan 2016
Airframe/CFE: For FY19 EOQ/Long Lead		2018	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	48	3.083	Y		Jan 2017
Airframe/CFE: For FY20 EOQ/Long Lead		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	May 2017	Jan 2018	0	0.000	Y		Jan 2015
Airframe/CFE: For FY20 EOQ/Long Lead		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Sep 2017	Jan 2019	0	0.000	Y		Jan 2016
Airframe/CFE: For FY20 EOQ/Long Lead		2018	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	48	3.085	Y		Jan 2017
Airframe/CFE: For FY21 EOQ/Long Lead		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	May 2017	Jan 2018	0	0.000	Y		Jan 2015
Airframe/CFE: For FY21 EOQ/Long Lead		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Sep 2017	Jan 2019	0	0.000	Y		Jan 2016
Airframe/CFE: For FY21 EOQ/Long Lead		2018	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	0	0.000	Y		Jan 2017
Airframe/CFE: For FY22 EOQ/Long Lead		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	May 2017	Jan 2018	0	0.000	Y		Jan 2015

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

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	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: For FY22 EOQ/Long Lead		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Sep 2017	Jan 2019	0	0.000	Y		Jan 2016
Airframe/CFE: For FY22 EOQ/Long Lead		2018	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	0	0.000	Y		Jan 2017
Airframe/CFE: For FY23 EOQ/Long Lead		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	May 2017	Jan 2018	0	0.000	Y		Jan 2015
Airframe/CFE: For FY23 EOQ/Long Lead		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Sep 2017	Jan 2019	0	0.000	Y		Jan 2016
Airframe/CFE: For FY23 EOQ/Long Lead		2018	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	0	0.000	Y		Jan 2017
Airframe/CFE: For FY24 EOQ/Long Lead		2016	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	May 2017	Jan 2018	0	0.000	Y		Jan 2015
Airframe/CFE: For FY24 EOQ/Long Lead		2017	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Sep 2017	Jan 2019	0	0.000	Y		Jan 2016
Airframe/CFE: For FY24 EOQ/Long Lead		2018	Lockheed Martin / Fort Worth, TX	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	0	0.000	Y		Jan 2017
Engines/Eng ACC: Long Lead Material		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Jul 2016	May 2017	48	2.110	Y		Mar 2015
Engines/Eng ACC: Long Lead Material		2017	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2017	May 2018	46	1.935	Y		Mar 2016
Engines/Eng ACC: Long Lead Material		2018	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2018	May 2019	48	1.272	Y		Mar 2017
Engines/Eng ACC: For FY19 EOQ/Long Lead		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Jul 2016	May 2017	0	0.000	Y		Mar 2015
Engines/Eng ACC: For FY19 EOQ/Long Lead		2017	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2017	May 2018	0	0.000	Y		Mar 2016
Engines/Eng ACC: For FY19 EOQ/Long Lead		2018	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2018	May 2019	48	0.502	Y		Mar 2017
Engines/Eng ACC: For FY20 EOQ/Long Lead		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Jul 2016	May 2017	0	0.000	Y		Mar 2015
Engines/Eng ACC: For FY20 EOQ/Long Lead		2017	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2017	May 2018	0	0.000	Y		Mar 2016
Engines/Eng ACC: For FY20 EOQ/Long Lead		2018	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2018	May 2019	48	0.502	Y		Mar 2017
Engines/Eng ACC: For FY21 EOQ/Long Lead		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Jul 2016	May 2017	0	0.000	Y		Mar 2015
Engines/Eng ACC: For FY21 EOQ/Long Lead		2017	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2017	May 2018	0	0.000	Y		Mar 2016
Engines/Eng ACC: For FY21 EOQ/Long Lead		2018	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2018	May 2019	0	0.000	Y		Mar 2017

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

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 <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Engines/Eng ACC: For FY22 EOQ/ Long Lead		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Jul 2016	May 2017	0	0.000	Y		Mar 2015
Engines/Eng ACC: For FY22 EOQ/ Long Lead		2017	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2017	May 2018	0	0.000	Y		Mar 2016
Engines/Eng ACC: For FY22 EOQ/ Long Lead		2018	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2018	May 2019	0	0.000	Y		Mar 2017
Engines/Eng ACC: For FY23 EOQ/ Long Lead		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Jul 2016	May 2017	0	0.000	Y		Mar 2015
Engines/Eng ACC: For FY23 EOQ/ Long Lead		2017	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2017	May 2018	0	0.000	Y		Mar 2016
Engines/Eng ACC: For FY23 EOQ/ Long Lead		2018	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2018	May 2019	0	0.000	Y		Mar 2017
Engines/Eng ACC: For FY24 EOQ/ Long Lead		2016	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Jul 2016	May 2017	0	0.000	Y		Mar 2015
Engines/Eng ACC: For FY24 EOQ/ Long Lead		2017	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	May 2017	May 2018	0	0.000	Y		Mar 2016
Engines/Eng ACC: For FY24 EOQ/ Long Lead		2018	Pratt & Whitney / East Hartford, CT	SS / FPIF	NAVAIR	Mar 2018	May 2019	0	0.000	Y		Mar 2017

(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date: May 2017**

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	ACCEP T O 1 O C T 2 0 1 4	BAL D U E A S O F 1 O C T	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	0	19		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	3	2	2	1	-	-	4	
1	2014	NAVY ^(‡)		4	0	4		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	1		
1	2014	MC ^(‡)		6	0	6		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	2			
1	2014	Total		29	0	29		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	4	3	3	2	1	1	7		
1	2015	AF		28	0	28																														A -	-	28
1	2015	NAVY ^(‡)		4	0	4																														A -	-	4
1	2015	MC ^(‡)		6	0	6																														A -	-	6
1	2015	Total		38	0	38																																38
1	2016	AF		47	0	47																																47
1	2016	NAVY ^(‡)		6	0	6																																6
1	2016	MC ^(‡)		15	0	15																																15
1	2016	Total		68	0	68																																68
1	2017	AF		48	0	48																																48
1	2017	NAVY ^(‡)		4	0	4																																4
1	2017	MC ^(‡)		16	0	16																																16
1	2017	Total		68	0	68																																68
1	2018	AF		46	0	46																																46
1	2018	NAVY ^(‡)		4	0	4																																4
1	2018	MC ^(‡)		20	0	20																																20
1	2018	Total		70	0	70																																70
Engines/Eng ACC																																						
Prior Years Deliveries: 84																																						
2	2014	AF ⁽¹⁾		19	0	19		A -	-	-	-	-	-	-	-	12	-	-	-	2	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	0		
2	2014	NAVY ^(‡)		4	0	4		A -	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	0		
2	2014	MC ^(‡)		6	0	6		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-	1	-	1	2		
2	2014	Total		29	0	29		-	-	-	-	-	-	-	-	12	-	-	-	3	1	2	1	3	1	-	2	-	1	-	1	-	1	-	2	2	2	
2	2015	AF		28	0	28																																18
2	2015	NAVY ^(‡)		4	0	4																																4
								O C T	N O V	D E C	J A N	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: FY 2018 Air Force **Date:** May 2017

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	15	4	-	1	1	2																				0			
1	2014	NAVY (+)		4	3	1	1	-	-	-																				0			
1	2014	MC (+)		6	4	2	1	-	1	-																				0			
1	2014	Total		29	22	7	2	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
1	2015	AF		28	0	28	-	-	-	-	1	2	2	2	3	3	2	2	2	4	5	-	-	-	-	-	-	-	-	0			
1	2015	NAVY (+)		4	0	4	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2				
1	2015	MC (+)		6	0	6	-	-	-	-	-	1	-	1	-	1	-	1	-	1	1	-	-	-	-	-	-	-	0				
1	2015	Total		38	0	38	-	-	-	1	1	4	2	3	3	4	2	3	2	5	6	-	-	-	-	-	-	-	2				
1	2016	AF		47	0	47															4	3	4	3	3	2	3	4	5	16			
1	2016	NAVY (+)		6	0	6																							6				
1	2016	MC (+)		15	0	15																							15				
1	2016	Total		68	0	68															4	3	4	3	3	2	3	4	5	37			
1	2017	AF		48	0	48																							48				
1	2017	NAVY (+)		4	0	4																							4				
1	2017	MC (+)		16	0	16																							16				
1	2017	Total		68	0	68																							68				
1	2018	AF		46	0	46																							46				
1	2018	NAVY (+)		4	0	4																							4				
1	2018	MC (+)		20	0	20																							20				
1	2018	Total		70	0	70																							70				
Engines/Eng ACC																																	
Prior Years Deliveries: 84																																	
2	2014	AF (+)		19	19	0	-	-	-																				0				
2	2014	NAVY (+)		4	4	0	-	-	-																				0				
2	2014	MC (+)		6	4	2	1	-	1																				0				
2	2014	Total		29	27	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0					
2	2015	AF		28	10	18	3	2	2	2	4	5	-	-	-	-	-	-	-	-									0				
2	2015	NAVY (+)		4	0	4	-	-	-	-	-	1	1	2	-	-	-	-	-	-									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: FY 2018 Air Force **Date: May 2017**

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							
2		2015	MC (+)	6	0	6	-	-	-	-	-	1	1	-	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
2		2015	Total	38	10	28	3	2	2	2	4	7	2	2	1	-	1	-	1	-	1	-	0														
2		2016	AF	47	0	47	-	-	-	-	-	-	-	4	3	4	3	3	2	3	4	5	5	5	6	-	-	-	-	-	-	-	-	-	0		
2		2016	NAVY (+)	6	0	6	-	-	-	-	-	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
2		2016	MC (+)	15	0	15	-	-	-	-	-	1	2	-	2	-	2	-	2	-	-	-	-	2	-	2	-	2	-	2	-	-	-	-	0		
2		2016	Total	68	0	68	-	-	-	-	-	2	3	5	6	5	6	3	4	3	4	5	5	7	6	2	-	2	-	-	-	-	0				
2		2017	AF	48	0	48									A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	2	4	4	31
2		2017	NAVY (+)	4	0	4									A	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	2	
2		2017	MC (+)	16	0	16									A	-	-	-	-	-	-	-	-	-	-	2	2	2	2	1	1	-	-	-	8		
2		2017	Total	68	0	68									-	-	-	-	-	-	-	-	-	-	-	7	5	4	6	5	-	-	-	41			
2		2018	AF	46	0	46																														46	
2		2018	NAVY (+)	4	0	4																														4	
2		2018	MC (+)	20	0	20																														20	
2		2018	Total	70	0	70									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70		
							O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S							
							C	O	E	A	E	A	A	A	U	U	A	E	C	O	O	E	A	E	A	A	A	U	U	A	S						
							T	V	C	N	B	R	P	Y	N	L	G	P	T	V	C	N	B	R	P	Y	N	L	G	P							

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date:** May 2017

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	0																											0			
	1	2014	NAVY (+)	4	4	0																											0			
	1	2014	MC (+)	6	6	0																											0			
	1	2014	Total	29	29	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
	1	2015	AF	28	28	0	-	-																									0			
	1	2015	NAVY (+)	4	2	2	1	1																									0			
	1	2015	MC (+)	6	6	0	-	-																									0			
	1	2015	Total	38	36	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
	1	2016	AF	47	31	16	5	5	6																								0			
	1	2016	NAVY (+)	6	0	6	-	-	-	-	1	-	-	-	-	-	1	-	-	1	1	1	1										0			
	1	2016	MC (+)	15	0	15	1	-	1	1	1	-	1	1	1	2	2	2	-	-	-												0			
	1	2016	Total	68	31	37	6	5	7	1	1	1	1	1	1	2	2	2	3	1	1	1	-	-	-	-	-	-	-	-	0					
	1	2017	AF	48	0	48	-	-	-	4	3	2	4	4	5	4	3	4	4	5	6	-	-	-	-	-	-						0			
	1	2017	NAVY (+)	4	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	-							0			
	1	2017	MC (+)	16	0	16	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2						0			
	1	2017	Total	68	0	68	-	-	-	4	3	2	4	4	5	4	3	4	4	7	8	3	3	3	2	3	2	-	-	-	0					
	1	2018	AF	46	0	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	4	4	3	5	3			15				
	1	2018	NAVY (+)	4	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	1			0				
	1	2018	MC (+)	20	0	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	1	1	1			5				
	1	2018	Total	70	0	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	6	5	7	7	4	6	5		20					
Engines/Eng ACC																																				
Prior Years Deliveries: 84																																				
	2	2014	AF (1)	19	19	0																										0				
	2	2014	NAVY (+)	4	4	0																											0			
	2	2014	MC (+)	6	6	0																											0			
	2	2014	Total	29	29	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
	2	2015	AF	28	28	0																											0			
	2	2015	NAVY (+)	4	4	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: FY 2018 Air Force **Date:** May 2017

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	0																						0		
	1	2014	NAVY (+)		4	4	0																						0		
	1	2014	MC (+)		6	6	0																						0		
	1	2014	Total		29	29	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
	1	2015	AF		28	28	0																						0		
	1	2015	NAVY (+)		4	4	0																						0		
	1	2015	MC (+)		6	6	0																						0		
	1	2015	Total		38	38	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
	1	2016	AF		47	47	0																						0		
	1	2016	NAVY (+)		6	6	0																						0		
	1	2016	MC (+)		15	15	0																						0		
	1	2016	Total		68	68	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
	1	2017	AF		48	48	0																						0		
	1	2017	NAVY (+)		4	4	0																						0		
	1	2017	MC (+)		16	16	0																						0		
	1	2017	Total		68	68	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
	1	2018	AF		46	31	15	5	5	5																			0		
	1	2018	NAVY (+)		4	4	0	-	-	-																			0		
	1	2018	MC (+)		20	15	5	2	2	1																			0		
	1	2018	Total		70	50	20	7	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
Engines/Eng ACC																															
Prior Years Deliveries: 84																															
	2	2014	AF (1)		19	19	0																						0		
	2	2014	NAVY (+)		4	4	0																						0		
	2	2014	MC (+)		6	6	0																						0		
	2	2014	Total		29	29	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0		
	2	2015	AF		28	28	0																						0		
	2	2015	NAVY (+)		4	4	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: FY 2018 Air Force **Date:** May 2017

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 2018	1-8-5 For 2018	MAX For 2018	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	0	0	0	0	24	6	22	28
2	Pratt & Whitney - East Hartford, CT	19	19	124	0	0	0	0	24	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).

Footnotes:

(1) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2015 loaded in the month of first delivery.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Air Force										Date: May 2017		
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							
Program Elements for Code B Items: 0207142F					Other Related Program Elements: 0604800F							
Line Item MDAP/MAIS Code: 198												

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,908.933	460.260	404.500	780.300	-	780.300	405.200	1,003.600	965.300	414.700	20,154.954	27,497.747
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,908.933	460.260	404.500	780.300	-	780.300	405.200	1,003.600	965.300	414.700	20,154.954	27,497.747
Total Obligation Authority (<i>\$ in Millions</i>)	2,908.933	460.260	404.500	780.300	-	780.300	405.200	1,003.600	965.300	414.700	20,154.954	27,497.747

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 2019 aircraft buy, as well as associated termination liability.

Funding for this exhibit contained in PE 0207142F. The primary RDT&E PE is 0604800F.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Air Force		Date: May 2017
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
Program Elements for Code B Items: 0207142F		Other Related Program Elements: 0604800F

Line Item MDAP/MAIS Code: 198									
Exhibits Schedule				Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	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-10	F-35			131 / 2,908.933	47 / 460.260	48 / 404.500	46 / 780.300	- / -	46 / 780.300
P-40	Total Gross/Weapon System Cost			131 / 2,908.933	47 / 460.260	48 / 404.500	46 / 780.300	- / -	46 / 780.300

*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:
 The FY2018 budget requests \$436 millions of Advance Procurement for FY19 long lead materials and \$344.3 millions of Economic Order Quantity (EOQ) for FY19 and FY20 items as part of the international partner and foreign military sales countries Block Buy strategy. The Advance Procurement (AP) funding requested in FY2018 will support Airframe and Engine long-lead parts and materials necessary to protect the Lot 13 delivery schedule. The EOQ funding request is to procure items for FY19 (Lot 13) and FY20 (Lot 14) while executing single year contract options in FY19 and FY20 respectively as part of the International partner and FMS Block Buy strategy. The international partner and foreign military sales (FMS) countries have already committed to provide EOQ funding for Lot 12 thru Lot 14 aircraft procurement.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): FY 2018 Air Force					Date: May 2017		
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 (2018) Award Date: March 2017		First System (2018) Completion Date: May 2018			Interval Between Systems: 0 Months		
F-35	Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2016 <i>(Each)</i>	FY 2017 <i>(Each)</i>	FY 2018 <i>(Each)</i>		
Quantity	9	131	47	48	46		
Cost Elements	When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2016 <i>(\$ M)</i>	FY 2017 <i>(\$ M)</i>	FY 2018 <i>(\$ M)</i>		
CFE							
Airframe/CFE: Long Lead Material ^(†)	18	2,410.922	359.003	315.510	374.960		
Total: CFE		2,410.922	359.003	315.510	374.960		
GFE							
Engines/Eng ACC: Long Lead Material ^{(1) (†)}	9	498.011	101.257	88.990	61.040		
Total: GFE		498.011	101.257	88.990	61.040		
Total Advance Procurement/Obligation Authority		2,908.933	460.260	404.500	484.202		

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	P-5 Number / Title: - / F-35
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Cost Elements	QPA <i>(Each)</i>	Production Leadtime <i>(Months)</i>	Unit Cost <i>(\$ M)</i>	Contract Forecast Date	FY 2018		Total Cost Request <i>(\$ M)</i>
					2018 Qty <i>(Each)</i>	For FY	
CFE							
Airframe/CFE: Long Lead Material ^(†)	1	18	7.812	Mar 2018	48		374.960
<i>Total: CFE</i>							374.960
GFE							
Engines/Eng ACC: Long Lead Material ^{(1) (†)}	1	9	1.272	Mar 2018	48		61.040
Engines/Eng ACC: For FY19 EOQ/Long Lead ^(†)							
<i>Total: GFE</i>							61.040
Total Advance Procurement/Obligation Authority							436.000

Description:
 The advanced procurement funding will procure long lead materials, parts, components, and effort for the production of Lot 13 aircraft for the USAF. The use of Economic Order Quantity will enable the prime contractor/subcontractors to maximize production economies of scale through batch orders. This allows industry to make investments that reduce overall cost, achieve greater manufacturing learning curve efficiencies, and minimizing material ordering and holding costs associated with:

Electronic Warfare System - BAE
 Aircraft Interface System / AFT - BAE (UK)
 Communications, Navigation & Identification - Ball Aerospace
 P5 Combat Training System - Cubic Defense

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): FY 2018 Air Force	Date: May 2017
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Appropriation / Budget Activity / Budget Sub Activity: 3010F / 01 / 3	P-1 Line Item Number / Title: ATA000 / F-35	P-5 Number / Title: - / F-35
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Leading Edge Flap Drive System - Curtis Wright
 Flaperon - Fokker Aero
 Electrical Power Management System / Remote Input/Output System - GE Aviation
 Gun System / Nose Radome - General Dynamics
 Electric Power Generation System - Hamilton Sundstrand
 Power and Thermal Management System - Honeywell
 Rudder - Kongsberg Defense
 Panoramic Cockpit Display - L-3 Comm
 Electro-Optical Targeting System - Lockheed Martin Missiles and Fire Control
 Integrated Core Processor - Lockheed Martin Mission Systems and Sensors
 Center - Northrop Grumman Aerospace Systems
 Communication, Navigation and Identification - Northrop Grumman Marine Systems
 Helmet Mounted Display - RCESA

Note: CFE is the required funding for the Air Vehicle. Engines are GFE to the Air Vehicle contractor. Advance procurement funding in FY 2018 will support Airframe and Engine long-lead parts, and materials necessary to protect the delivery schedule of the FY 2019 aircraft buy, as well as associated termination liability. PLT reflects the total lead time necessary to support FY 2019 production.

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

Footnotes:

(1) FY18 Advance Procurement funding is requested for long-lead requirements necessary to support procurement of 48 CTOL JSF aircraft in FY19.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date: May 2017**

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 2: Tactical Airlift **P-1 Line Item Number / Title:** KC046A / KC-46A Tanker

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0401221F **Other Related Program Elements:** 0605221F

Line Item MDAP/MAIS Code: 387

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	7	12	15	15	-	15	15	15	15	15	66	175
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,465.585	2,334.601	2,884.591	2,545.674	0.000	2,545.674	2,711.167	2,943.478	2,991.871	2,832.006	12,504.117	33,213.090
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,465.585	2,334.601	2,884.591	2,545.674	0.000	2,545.674	2,711.167	2,943.478	2,991.871	2,832.006	12,504.117	33,213.090
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	1,465.585	2,334.601	2,884.591	2,545.674	0.000	2,545.674	2,711.167	2,943.478	2,991.871	2,832.006	12,504.117	33,213.090
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	52.965	172.183	413.373	-	413.373	386.263	224.294	129.503	218.382	1,196.616	2,793.579
Flyaway Unit Cost (<i>\$ in Millions</i>)	164.205	173.138	177.997	152.343	-	152.343	155.439	163.761	172.985	176.841	176.107	170.518
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	209.369	194.550	192.306	169.712	-	169.712	180.744	196.232	199.458	188.800	189.456	189.789

Description:

Replacement of the legacy tanker fleet will take place in several stages. The initial tanker replacement increment of KC-46s will replace roughly a third of the current capability. Future programs will ultimately recapitalize the entire tanker fleet over a period of more than 30 years. The Air Force completed an Analysis of Alternatives (AoA) in Apr 2006 to determine the most appropriate strategy to recapitalize the aging fleet of aerial refueling aircraft. Based on this analysis, the Air Force concluded a strategy of full and open competition to select a commercial derivative replacement tanker aircraft would result in a best value tanker contract. To initiate the first phase of the tanker replacement, the KC-46 program released a final Request for Proposal (RFP) on 24 Feb 2010, and entered source selection on 9 Jul 2010. The KC-46 program held a Milestone B (MS B) Defense Acquisition Board (DAB) on 23 Feb 2011, received approval to enter Engineering and Manufacturing Development (EMD) from the Undersecretary of Defense (Acquisition, Technology and Logistics) (USD(AT&L)) on 24 Feb 2011, and awarded the KC-46 EMD contract to Boeing on 24 Feb 2011 to develop and procure 179 KC-46 aircraft. The program is procuring four RDT&E aircraft for integration and demonstration of capability which will ultimately be operationally fielded. During production, the program plans to procure 175 aircraft throughout 13 lots. The KC-46 program held a MS C DAB on 12 Aug 2016 and received approval to enter low late initial production (LRIP). The program awarded Lots 1 and 2 on 18 Aug 2016 and Lot 3 on 27 Jan 2017, totaling 34 aircraft. Initial sustainment efforts will be provided via Interim Contractor Support (ICS). KC-46 funding also supports Training Systems, Support Equipment, Operational Site Activation, Depot Stand-Up, Alternate Mission Equipment (AME), Direct Mission Support, Program Management Administration (PMA) activities, Other Government Costs (OGC), various studies and analyses, future tanker replacement planning activities, long lead items, and potential Diminishing Manufacturing Sources (DMS) and obsolescence planning activities.

The KC-46 will provide the capability to fuel joint and coalition receivers via a boom or drogue system on every mission and will also augment the airlift fleet with cargo, passenger, and aeromedical evacuation capabilities. The KC-46 will operate in day/night and adverse weather conditions to enable deployment, employment, sustainment, and redeployment of U.S. joint, allied, and coalition forces. The KC-46 will have communication, navigation, and surveillance equipment for world-wide operations; the capability to perform missions in chemical and biological environments; the ability to operate in up to medium threat environments with self-defense/protection (both active and passive) capabilities; and the necessary battle space awareness to mitigate survivability threats.

The Aircrew Training System (ATS) and Maintenance Training System (MTS) are being developed and procured using KC-46 funding. The ATS contract was awarded on 1 May 2013 to FlightSafety Services Corporation. The ATS contract will provide Aircrew Training Devices (ATDs), to include Weapon System Trainers (WSTs), Boom Operator Trainers (BOTs), Fuselage Trainers (FuTs), and Part-Task Trainers (PTTs) at each Main Operating Base (MOB) and the Formal Training Unit (FTU). The ATS contract will also support Distributed Mission Operations (DMO), provide aircrew instruction, develop courseware, provide logistics support, acquire a technical data package to support future competition efforts, and manage training device concurrency with the aircraft. The ATS initial production options were exercised on 19 Aug 2015. The MTS contract was awarded 6 Jul 2016 to The Boeing Company. The MTS acquisition focuses on designing, developing, testing, producing, and fielding an optimized training system for KC-46 maintainers by integrating various forms of training media and Maintenance Training Devices (MTDs) into a "blended" solution. This blended solution includes the appropriate mix of hardware and software, "high-fidelity" Augmented Hardware Training Devices (AHTDs), PTTs, Interactive Multimedia Instruction (IMI), and emerging technologies to meet validated Air Mobility Command (AMC) maintenance training requirements. MTS production devices will commence in FY 2017 as Firm Fixed Price (FFP) options to support ready for training dates.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 2: Tactical Airlift		P-1 Line Item Number / Title: KC046A / KC-46A Tanker
ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0401221F	Other Related Program Elements: 0605221F
Line Item MDAP/MAIS Code: 387		

The MS B acquisition strategy planned for two LRIP lots followed by 11 Full-Rate Production (FRP) lots for a total aircraft procurement of 175 production aircraft. An update to the acquisition strategy occurred in support of MS C that increased LRIP from two to four lots, with the total aircraft buy remaining at 175 production aircraft.

LRIP began with two FFP and two FFP Not to Exceed (NTE) options (LRIP-1 Qty 7, LRIP-2 Qty 12, LRIP-3 Qty 15, and LRIP-4 Qty 15) followed by nine FRP options [via NTE values + Economic Price Adjustment (EPA)]. The MS C acquisition strategy for Large Aircraft Infrared Countermeasures (LAIRCM) changed from Contractor Furnished Equipment (CFE) to Government Furnished Equipment (GFE) in FY 2017; funding procured LAIRCM for Lot 3 and Lot 4 aircraft. FY 2018 funding provides for the procurement of LAIRCM in support of future year aircraft production.

In May 2016, the program announced a delay to aircraft deliveries and issued a Program Deviation Report declaring an Acquisition Program Baseline (APB) schedule breach. The primary causes of the delays are certification and receipt of fully-conformed hardware for the Wing Aerial Refueling Pods (WARPs) and Centerline Drogue System (CDS), which are the systems used to refuel probe-and-drogue receiver aircraft. Additionally, Boeing needs more time to incorporate design changes into the production aircraft. The KC-46 program is now operating to an updated schedule that was reviewed at MS C, captured in a new Integrated Master Schedule that was delivered in Dec 2016, and incorporated into a new APB that was approved in Jan 2017. The current schedule is known as KC-46 Rebaseline-0800 (KCR-0800) and new aircraft delivery dates are reflected in this document.

Note: Initial Spares were procured with Aircraft Procurement, Air Force (APAF), Aircraft Weapon System funding in FY 2015 and transitioned to APAF, Aircraft Initial Spares and Repairs funding in FY 2016. Spare engines are included within the Initial Spares line.

KC-46 is code B as it has not yet completed a FRP decision. The KC-46 program successfully completed Critical Design Review (CDR) in Aug 2013, one month ahead of the contractual requirement. Live Fire Testing began in Apr 2011 and completed in FY 2016 with a final report due in FY 2017. Developmental Test and Evaluation (DT&E) is scheduled for the first quarter of FY 2015 through the fourth quarter of FY 2017 with plans to utilize LRIP aircraft. KC-46 First Flight occurred on 25 Sep 2015. Initial Operational Test and Evaluation (IOT&E) is scheduled to begin in the first quarter of FY 2018 contingent upon planned availability of LRIP aircraft and scheduled delivery of Tech Orders.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), the KC-46 is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

Funding for this exhibit contained in PE 0401221F.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 2: Tactical Airlift **P-1 Line Item Number / Title:** KC046A / KC-46A Tanker

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0401221F **Other Related Program Elements:** 0605221F

Line Item MDAP/MAIS Code: 387

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-5	KC-46A Tanker	P-5a, P-21	B		7 / 1,465.585	12 / 2,334.601	15 / 2,884.591	15 / 2,545.674	- / 0.000	15 / 2,545.674
P-40	Total Gross/Weapon System Cost				7 / 1,465.585	12 / 2,334.601	15 / 2,884.591	15 / 2,545.674	- / 0.000	15 / 2,545.674

*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:

The FY 2018 budget supports the procurement of 15 KC-46A aircraft along with other necessary associated expenses to deliver, sustain, and maintain the Lot 4 aircraft buy to include Support Equipment, Operational Site Activation, Depot Stand-Up, ICS, Alternate Mission Equipment (e.g., WARPs, Palletized Seating), and Direct Mission Support. FY 2018 funding provides for the procurement of long-lead GFE (e.g., LAIRCM) in support of future year aircraft production. The WARP kits (2 pods per kit) will be procured as CFE.

PMA activities for contractor services and OGCs are included in the FY 2018 funding. The FY 2018 funding will also support studies and analyses and potential DMS/obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

The KC-46 FY 2018 funding will include ATS procurement of ATDs and compulsory elements required to support Aircrew Training throughput levels as identified by AMC.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2	P-1 Line Item Number / Title: KC046A / KC-46A Tanker	Item Number / Title [DODIC]: - / KC-46A Tanker
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ID Code (A=Service Ready, B=Not Service Ready) : B **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	7	12	15	15	-	15
Gross/Weapon System Cost (\$ in Millions)	1,465.585	2,334.601	2,884.591	2,545.674	0.000	2,545.674
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	1,465.585	2,334.601	2,884.591	2,545.674	0.000	2,545.674
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	1,465.585	2,334.601	2,884.591	2,545.674	0.000	2,545.674

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

Initial Spares (\$ in Millions)	0.000	52.965	172.183	413.373	-	413.373
Gross/Weapon System Unit Cost (\$ in Millions)	209.369	194.550	192.306	169.712	-	169.712

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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 ^(†)	160.409	7	1,122.860	170.733	12	2,048.790	168.336	15	2,525.039	147.019	15	2,205.279	-	-	-	147.019	15	2,205.279
AME Wing Aerial Refueling Pod (WARP) kits	5.315	5	26.577	5.121	5	25.604	5.435	5	27.177	5.500	5	27.499	-	-	-	5.500	5	27.499
GFE (LAIRCM)	-	-	0.000	-	-	0.000	3.925	30	117.743	3.492	15	52.374	-	-	-	3.492	15	52.374
AME (Other)	-	-	0.000	0.131	25	3.266	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	1,149.437	-	-	2,077.660	-	-	2,669.959	-	-	2,285.152	-	-	-	-	-	2,285.152
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	1,149.437	-	-	2,077.660	-	-	2,669.959	-	-	2,285.152	-	-	-	-	-	2,285.152
Support - Support End Item Cost																		
Init. Spares	-	-	188.663	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Aircrew Training Systems (ATS)	-	-	35.563	-	-	35.308	-	-	35.644	-	-	35.200	-	-	-	-	-	35.200
Maintenance Training Systems (MTS)	-	-	0.000	-	-	0.000	-	-	4.525	-	-	0.000	-	-	-	-	-	0.000
Support Equipment	-	-	56.972	-	-	93.860	-	-	6.800	-	-	111.044	-	-	-	-	-	111.044
Operational Site Activation	-	-	0.000	-	-	3.276	-	-	6.755	-	-	3.481	-	-	-	-	-	3.481
Depot Stand-Up	-	-	0.000	-	-	62.521	-	-	30.367	-	-	90.126	-	-	-	-	-	90.126
Interim Contractor Support	-	-	34.924	-	-	60.912	-	-	121.705	-	-	2.421	-	-	-	-	-	2.421
Direct Mission Support	-	-	0.000	-	-	0.000	-	-	2.375	-	-	3.990	-	-	-	-	-	3.990

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Exhibit P-5, Cost Analysis: FY 2018 Air Force												Date: May 2017					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2						P-1 Line Item Number / Title: KC046A / KC-46A Tanker						Item Number / Title [DODIC]: - / KC-46A Tanker					
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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
PMA - Contractor Services	-	-	0.000	-	-	0.950	-	-	5.040	-	-	11.914	-	-	-	-	-	11.914
PMA - Other Government Costs	-	-	0.026	-	-	0.114	-	-	1.421	-	-	2.346	-	-	-	-	-	2.346
<i>Subtotal: Support - Support End Item Cost</i>	-	-	316.148	-	-	256.941	-	-	214.632	-	-	260.522	-	-	-	-	-	260.522
Gross/Weapon System Cost	209.369	7	1,465.585	194.550	12	2,334.601	192.306	15	2,884.591	169.712	15	2,545.674	-	-	0.000	169.712	15	2,545.674

Remarks:

Initial Spares were procured with Aircraft Procurement, Air Force (APAF), Aircraft Weapons System funding in FY 2015 and transitioned to APAF, Aircraft Initial Spares and Repairs funding in FY 2016. Spare engines are included within the Initial Spares line.

Due to program delays, ICS Period 1 was extended at no cost to the government. This extension facilitated the realignment of funding for subsequent ICS Periods (2-5). ICS funding requirements return to normal in FY 2019 with ICS Period 4.

AMC's current operational strategy is for all KC-46 aircraft to be capable of utilizing Wing Aerial Refueling Pods (WARPs), but there is currently no requirement to procure an equal number of WARPs to aircraft. Instead, the WARPs will be used on select missions, as needed. The program will procure a total of 42 WARP kits.

Flyaway cost elements (LAIRCM & AME) have been broken out to show a lower level of detail to accurately reflect the acquisition strategy and execution of these requirements.

The Support cost element Data, which existed in previous budget documentation, has been removed. The contract currently allows for Data as Not Separately Priced (NSP) Options which will be exercised along with each Aircraft Lot buy.

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

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2	P-1 Line Item Number / Title: KC046A / KC-46A Tanker	Item Number / Title [DODIC]: - / KC-46A Tanker
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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 <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe ^(†)		2015	Boeing / Everett	C / FFP	AFLCMC/WK - Tankers	Aug 2016	Sep 2017	7	175.504	Y		Feb 2016
Airframe ^(†)		2016	Boeing / Everett	C / FFP	AFLCMC/WK - Tankers	Aug 2016	Oct 2017	12	170.733	Y		Feb 2016
Airframe ^(†)		2017	Boeing / Everett	C / FFP	AFLCMC/WK - Tankers	Jan 2017	Feb 2018	15	168.336	Y		Nov 2015
Airframe ^(†)		2018	Boeing / Everett	C / FFP	AFLCMC/WK - Tankers	Jan 2018	Feb 2019	15	147.019	Y		Oct 2016

^(†) indicates the presence of a P-21

Remarks:
The MS C ADM approved four LRIP lots which will allow the 2018 contract award for LRIP-4 to be accelerated to Jan 2018 since it will no longer be tied to an FRP decision.

Specs Available Now: These lots are pre-negotiated options to the KC-46 EMD contract based on the current aircraft system specification. The initial product baseline established at CDR will support the MS C decision and LRIP. Boeing is responsible for the correction of any deficiencies discovered in the KC-46 weapon system components (e.g., air vehicle, support equipment, training) during EMD to include the periods of integrated test (DT, OT, FAA, AR Cert) through IOT&E or after collection of receiver certification data for nineteen (19) receiver aircraft pairings during Phase 3 AR Cert, whichever occurs later. This product baseline will be finalized and validated at the Physical Configuration Audit.

Unit Cost Variations: The Airframe unit cost is based on the aircraft unit prices proposed during the KC-46 competition. These prices and projected escalation vary from year to year, leading to variability in the unit cost. In addition, fluctuations are driven by non-recurring contract costs associated with the Production of the aircraft.

RFP Issue Date: Lot 1 & 2 were pre-priced options established at EMD contract award. Feb 2016 represents the Notice of Intent to Exercise Production Options sent to Boeing.

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2 **P-1 Line Item Number / Title:** KC046A / KC-46A Tanker **Item Number / Title [DODIC]:** - / KC-46A Tanker

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2018														Fiscal Year 2019										BALANCE
O C C #	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	
Airframe																															
1		2015	AF	7	3	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	1		0		
1		2016	AF	12	0	12	3	3	3	3																			0		
1		2017	AF	15	0	15	-	-	-	-	3	-	1	-	1	1	1	1	1	1	2	2	2						0		
1		2018	AF	15	0	15				A	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	1	2	1	5
							O C T	N O V	D E C	J A N	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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2 **P-1 Line Item Number / Title:** KC046A / KC-46A Tanker **Item Number / Title [DODIC]:** - / KC-46A Tanker

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2020														Fiscal Year 2021														BALANCE
O C C #	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					
Airframe																																			
1		2015	AF		7	7																							0						
1		2016	AF		12	12																							0						
1		2017	AF		15	15																							0						
1		2018	AF		15	10	5	1	1	2	1																		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: FY 2018 Air Force	Date: May 2017
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Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 2	P-1 Line Item Number / Title: KC046A / KC-46A Tanker	Item Number / Title [DODIC]: - / KC-46A Tanker
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	Boeing - Everett	12	15	24	0	0	0	0	12	4	13	17

Remarks:

Minimum Sustaining Rate (MSR) for production is 12 aircraft/year.

Economic Rate does not reflect 1 shift of 8 hours 5 days a week; aligns to Boeing's operating plan.

Admin Lead Time to definitize Not to Exceed (NTE) production options is 18-24 months; definitization of NTE does not have to occur prior to option award.

Production deliveries exceeding the 12 month period for Lot 1 (FY 2015):

Boeing made a business decision to build aircraft at risk, ahead of contract award, in order to meet original contract requirements to deliver Required Assets Available (RAA) of 18 aircraft by August 2017. These 18 aircraft are part of Lot 1, Lot 2, and Lot 3. Due to continued KC-46 design changes during development, the first four aircraft in Lot 1 require significant change incorporation to bring them up to the production baseline. This change incorporation will delay the first four Lot 1 aircraft delivery, however this will not delay the overall delivery of aircraft to the warfighter because Boeing continues to build ahead of contractual delivery dates and will have 18 aircraft ready to deliver over 6-months once aircraft deliveries start.

"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, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130J0 / C-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207230F, 0207237F

Line Item MDAP/MAIS Code: 220

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	104	14	3	-	-	-	-	-	-	-	15	136
Gross/Weapon System Cost (<i>\$ in Millions</i>)	8,257.852	996.554	276.655	57.708	0.000	57.708	3.615	8.341	36.610	38.301	1,612.013	11,287.649
Less PY Advance Procurement (<i>\$ in Millions</i>)	863.065	196.000	58.000	0.000	-	0.000	0.000	0.000	0.000	-	0.000	1,117.065
Net Procurement (P-1) (<i>\$ in Millions</i>)	7,394.787	800.554	218.655	57.708	0.000	57.708	3.615	8.341	36.610	38.301	1,612.013	10,170.584
Plus CY Advance Procurement (<i>\$ in Millions</i>)	1,067.065	50.000	0.000	0.000	-	0.000	0.000	0.000	0.000	-	0.000	1,117.065
Total Obligation Authority (<i>\$ in Millions</i>)	8,461.852	850.554	218.655	57.708	0.000	57.708	3.615	8.341	36.610	38.301	1,612.013	11,287.649

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

Initial Spares (<i>\$ in Millions</i>)	70.169	-	-	-	-	-	-	-	-	-	-	70.169
Flyaway Unit Cost (<i>\$ in Millions</i>)	61.562	66.797	68.459	-	-	-	-	-	-	-	86.541	0.074
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	79.402	71.182	92.218	-	-	-	-	-	-	-	107.468	82.997

Description:

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 ft) fuselage, provides additional cargo carrying capacity for the USAF combat delivery mission compared with legacy C-130E/Hs and the C-130J (short).

Other variants of the USAF C-130J fleet are all short-bodied aircraft and include the EC-130J (airborne psychological operations), WC-130J (weather reconnaissance), HC-130J (combat search and rescue), MC-130J (special operations), and the AC-130J (close air support and armed reconnaissance). These variants are addressed in their own budget documents.

17 C-130Js have been procured with National Guard, Reserve Equipment Account (NGREA) funds and are not included in the "Prior Years" section of this document.

Funding for this exhibit is contained in PE 0401132F which also contains associated Research Development Test and Evaluation (RDT&E) funding.

Program funding includes Diminishing Manufacturing Sources.

This funding request incorporates a Multiyear Procurement (MYP) for FY14 thru FY18. In support of the FY14 MYP, \$92M of Economic Order Quantity (EOQ) funding was part of the FY14 request.

Advance procurement items are limited to components whose long-lead times require early purchase in order to reduce the overall procurement lead-time of the major end item. These long lead items include structural components, engine mounts, engine components, flap shafts, and generators.

FY17 funding totals include \$73M of Overseas Contingency Operations (OCO) for a combat loss.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130J0 / C-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207230F, 0207237F

Line Item MDAP/MAIS Code: 220

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 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	C-130J	P-5a	A		104 / 8,257.852	14 / 996.554	3 / 276.655	- / 57.708	- / 0.000	- / 57.708
P-40	Total Gross/Weapon System Cost				104 / 8,257.852	14 / 996.554	3 / 276.655	- / 57.708	- / 0.000	- / 57.708

*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:
 FY18 includes funding for a Cockpit Procedures Trainer for the C-130J Schoolhouse at Little Rock AFB AR.
 FY18 is the final year of the five-year multiyear contract but there are no planned C-130J buys planned in FY18. FY18 funding provides logistics support for aircraft, aircrew and maintenance training devices, and program management support. FY18 budget also includes one cockpit procedural trainer (CPT).
 The multiyear includes 72 USAF aircraft (29 C-130J, 25 MC-130J, 13 HC-130J, 5 AC-130J) and 6 United States Marine Corps KC-130J aircraft. The contract has an option for 5 United States Coast Guard HC-130J aircraft.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130J0 / C-130J	Item Number / Title [DODIC]: - / C-130J

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	104	14	3	-	-	-
Gross/Weapon System Cost (\$ in Millions)	8,257.852	996.554	276.655	57.708	0.000	57.708
Less PY Advance Procurement (\$ in Millions)	863.065	196.000	58.000	0.000	-	0.000
Net Procurement (P-1) (\$ in Millions)	7,394.787	800.554	218.655	57.708	0.000	57.708
Plus CY Advance Procurement (\$ in Millions)	1,067.065	50.000	0.000	0.000	-	0.000
Total Obligation Authority (\$ in Millions)	8,461.852	850.554	218.655	57.708	0.000	57.708

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

Initial Spares (\$ in Millions)	70.169	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	79.402	71.182	92.218	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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	59.869	104	6,226.340	64.797	14	907.151	66.459	3	199.378	-	-	-	-	-	0.000	-	-	0.000
Other Government Furnished Equipment	-	-	176.136	-	-	28.000	-	-	6.000	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	6,402.476	-	-	935.151	-	-	205.378	-	-	-	-	-	0.000	-	-	0.000
Subtotal: Flyaway - Flyaway End Item Cost	-	-	6,402.476	-	-	935.151	-	-	205.378	-	-	-	-	-	0.000	-	-	0.000

Support - Support End Item Cost																		
Airframe Peculiar Ground Support Equipment (PGSE)	-	-	22.103	-	-	2.522	-	-	2.000	-	-	2.800	-	-	-	-	-	2.800
Peculiar Training Equipment	-	-	274.043	-	-	1.062	-	-	1.332	-	-	19.417	-	-	-	-	-	19.417
Publications/Technical Data	-	-	62.734	-	-	2.885	-	-	3.000	-	-	3.121	-	-	-	-	-	3.121
Diminishing Manufacturing Sources (DMS)	-	-	145.556	-	-	15.000	-	-	9.000	-	-	5.639	-	-	-	-	-	5.639
Interim Contractor Support (ICS)	-	-	68.952	-	-	14.882	-	-	6.013	-	-	2.428	-	-	-	-	-	2.428
Interim Supply Support (ISS) (Spares)	-	-	871.635	-	-	13.265	-	-	37.535	-	-	13.244	-	-	-	-	-	13.244
Data	-	-	54.186	-	-	0.000	-	-	-	-	-	-	-	-	-	-	-	-
Post Delivery Support	-	-	54.223	-	-	3.737	-	-	3.802	-	-	4.000	-	-	-	-	-	4.000

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Exhibit P-5, Cost Analysis: FY 2018 Air Force												Date: May 2017					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3						P-1 Line Item Number / Title: C130J0 / C-130J						Item Number / Title [DODIC]: - / C-130J					
ID Code (A=Service Ready, B=Not Service Ready) : A												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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Organic Depot Support	-	-	54.150	-	-	2.000	-	-	2.000	-	-	2.418	-	-	-	-	-	2.418
PMA Contractor Services	-	-	68.321	-	-	2.726	-	-	2.808	-	-	3.831	-	-	-	-	-	3.831
Other	-	-	34.274	-	-	0.390	-	-	0.404	-	-	0.416	-	-	-	-	-	0.416
PMA Government Services	-	-	108.463	-	-	0.372	-	-	0.383	-	-	0.394	-	-	-	-	-	0.394
Miscellaneous Equipment	-	-	2.462	-	-	2.562	-	-	3.000	-	-	-	-	-	-	-	-	-
Withhold	-	-	34.274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support End Item Cost</i>	-	-	1,855.376	-	-	61.403	-	-	71.277	-	-	57.708	-	-	-	-	-	57.708
Gross/Weapon System Cost	79.402	104	8,257.852	71.182	14	996.554	92.218	3	276.655	-	-	57.708	-	-	0.000	-	-	57.708

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130J0 / C-130J	Item Number / Title [DODIC]: - / C-130J
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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 <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Advance Procurement												
Airframe		2018	N//A / N/A	TBD	TBD	Jan 2018	Jan 2018	0	0.000	Y	Dec 2017	
Airframe: EOQ		2018	N//A / N/A	TBD	TBD	Jan 2018	Jan 2018	0	0.000	Y	Dec 2017	

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Air Force										Date: May 2017		
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift					P-1 Line Item Number / Title: C130J0 / C-130J							
Program Elements for Code B Items: N/A					Other Related Program Elements: 0207224F, 0207230F, 0207237F							
Line Item MDAP/MAIS Code: 220												

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,067.065	50.000	0.000	0.000	-	0.000	0.000	0.000	0.000	-	0.000	1,117.065
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,067.065	50.000	0.000	0.000	-	0.000	0.000	0.000	0.000	-	0.000	1,117.065
Total Obligation Authority (<i>\$ in Millions</i>)	1,067.065	50.000	0.000	0.000	-	0.000	0.000	0.000	0.000	-	0.000	1,117.065

Description:

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. Advance procurement (AP) funds long lead items required to maintain the production schedule. These long lead items include structural components, engine mounts, engine components, flap shafts, generators, and defensive systems.

Funding for this exhibit contained in PE 0401132F.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130J0 / C-130J

Program Elements for Code B Items: N/A **Other Related Program Elements:** 0207224F, 0207230F, 0207237F

Line Item MDAP/MAIS Code: 220

Exhibits Schedule				Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	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-10	C-130J			104 / 1,067.065	14 / 50.000	3 / 0.000	- / 0.000	- / -	- / 0.000
P-40	Total Gross/Weapon System Cost			104 / 1,067.065	14 / 50.000	3 / 0.000	- / 0.000	- / -	- / 0.000

*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:
No FY18 funding requested.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): FY 2018 Air Force					Date: May 2017		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3			P-1 Line Item Number / Title: C130J0 / C-130J			P-5 Number / Title: - / C-130J	
First System (2018) Award Date: December 2017		First System (2018) Completion Date: December 2018			Interval Between Systems: 12 Months		
C-130J		Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2016 <i>(Each)</i>	FY 2017 <i>(Each)</i>	FY 2018 <i>(Each)</i>	
Quantity		12	104	14	3	-	
Cost Elements		When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2016 <i>(\$ M)</i>	FY 2017 <i>(\$ M)</i>	FY 2018 <i>(\$ M)</i>	
CFE							
Airframe (†)		12	975.065	50.000	0.000	0.000	
Total: CFE			975.065	50.000	0.000	0.000	
EOQ							
Airframe: EOQ (†)		12	92.000	0.000	0.000	0.000	
Total: EOQ			92.000	0.000	0.000	0.000	
Total Advance Procurement/Obligation Authority			1,067.065	50.000	0.000	0.000	

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): FY 2018 Air Force						Date: May 2017	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3			P-1 Line Item Number / Title: C130J0 / C-130J			P-5 Number / Title: - / C-130J	
FY 2018							
Cost Elements	QPA (Each)	Production Leadtime (Months)	Unit Cost (\$ M)	Contract Forecast Date	2018 Qty (Each)	For FY	Total Cost Request (\$ M)
CFE							
Airframe ^(t)	-	12	0.000	Jan 2018	0		0.000
Total: CFE							0.000
EOQ							
Airframe: EOQ ^(t)	-	12	0.000	Jan 2018	0		0.000
Total: EOQ							0.000
Total Advance Procurement/Obligation Authority							0.000

Description:
Advance procurement items are limited to components whose long-lead times require purchase early in order to reduce the overall procurement lead-time of the end item. These long lead items include structural components, engine mounts, engine components, flap shafts, generators and defensive systems.

^(t) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130JH / HC-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207230F, 0207237F, 0401132F

Line Item MDAP/MAIS Code: 257

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	16	5	4	2	-	2	-	-	-	-	-	26
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,446.476	498.034	459.576	218.502	0.000	218.502	0.000	0.000	0.000	0.000	0.000	2,622.588
Less PY Advance Procurement (<i>\$ in Millions</i>)	95.877	70.000	42.000	20.000	-	20.000	0.000	0.000	0.000	0.000	0.000	227.877
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,350.599	428.034	417.576	198.502	0.000	198.502	0.000	0.000	0.000	0.000	0.000	2,394.711
Plus CY Advance Procurement (<i>\$ in Millions</i>)	177.877	30.000	20.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	227.877
Total Obligation Authority (<i>\$ in Millions</i>)	1,528.476	458.034	437.576	198.502	0.000	198.502	0.000	0.000	0.000	0.000	0.000	2,622.588

(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>)	70.923	89.942	134.957	84.168	-	84.168	-	-	-	-	-	82.988
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	90.405	99.607	153.192	109.251	-	109.251	-	-	-	-	-	100.869

Description:

HC-130 recapitalization will replace and augment the aging USAF fleet of combat rescue HC-130P/N aircraft which are experiencing airworthiness, maintainability and operational limitations. A common baseline aircraft configuration is being provided for the HC-130 Recap, the MC-130 Recap and the AC-130 Recap programs.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. Eight HC-130Js were procured under the combined HC/MC-130 Recap program.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0605278F.

Program funding includes Diminishing Manufacturing Sources and allows for corrections of production deficiencies. This funding request will support potential DMS and obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

Funding for this exhibit is contained in PE 0207224F.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130JH / HC-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207230F, 0207237F, 0401132F

Line Item MDAP/MAIS Code: 257

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-5	HC-130J	P-5a, P-21	A		16 / 1,446.476	5 / 498.034	4 / 459.576	2 / 218.502	- / 0.000	2 / 218.502
P-40	Total Gross/Weapon System Cost				16 / 1,446.476	5 / 498.034	4 / 459.576	2 / 218.502	- / 0.000	2 / 218.502

*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:
The FY 2018 budget supports the production of 2 HC-130Js and provides for logistics support.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130JH / HC-130J	Item Number / Title [DODIC]: - / HC-130J

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (<i>Units in Each</i>)	16	5	4	2	-	2
Gross/Weapon System Cost (<i>\$ in Millions</i>)	1,446.476	498.034	459.576	218.502	0.000	218.502
Less PY Advance Procurement (<i>\$ in Millions</i>)	95.877	70.000	42.000	20.000	-	20.000
Net Procurement (P-1) (<i>\$ in Millions</i>)	1,350.599	428.034	417.576	198.502	0.000	198.502
Plus CY Advance Procurement (<i>\$ in Millions</i>)	177.877	30.000	20.000	0.000	-	0.000
Total Obligation Authority (<i>\$ in Millions</i>)	1,528.476	458.034	437.576	198.502	0.000	198.502

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	90.405	99.607	153.192	109.251	-	109.251

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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/Engines/ Accessories ^(†)	67.290	16	1,076.634	71.538	6	429.228	75.874	5	379.370	82.267	2	164.535	-	-	0.000	82.268	2	164.535
Government Furnished Equipment (GFE)	-	-	38.640	-	-	11.280	-	-	9.500	-	-	3.800	-	-	0.000	-	-	3.800
LAIRCM Group B	-	-	19.490	-	-	9.200	-	-	16.000	-	-	0.000	-	-	0.000	-	-	0.000
Block Upgrade	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	<i>1,134.764</i>	-	-	<i>449.708</i>	-	-	<i>404.870</i>	-	-	<i>168.335</i>	-	-	<i>0.000</i>	-	-	<i>168.335</i>
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	<i>1,134.764</i>	-	-	<i>449.708</i>	-	-	<i>404.870</i>	-	-	<i>168.335</i>	-	-	<i>0.000</i>	-	-	<i>168.335</i>
Support - Support End Item Cost																		
Airframe Peculiar Ground Support Equipment (PGSE)	-	-	10.632	-	-	1.756	-	-	2.273	-	-	1.601	-	-	0.000	-	-	1.601
Peculiar Training Equipment	-	-	68.087	-	-	0.584	-	-	7.223	-	-	0.586	-	-	0.000	-	-	0.586
Publications/Technical Data	-	-	12.105	-	-	5.250	-	-	6.000	-	-	5.500	-	-	0.000	-	-	5.500
Diminishing Manufacturing Sources (DMS)	-	-	16.717	-	-	2.142	-	-	25.500	-	-	3.000	-	-	0.000	-	-	3.000
Interim Contractor Support (ICS)	-	-	15.823	-	-	4.500	-	-	1.000	-	-	1.000	-	-	-	-	-	1.000

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Exhibit P-5, Cost Analysis: FY 2018 Air Force												Date: May 2017					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3						P-1 Line Item Number / Title: C130JH / HC-130J						Item Number / Title [DODIC]: - / HC-130J					
ID Code (A=Service Ready, B=Not Service Ready) : A												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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Post Delivery Support	-	-	9.674	-	-	2.000	-	-	5.000	-	-	5.000	-	-	-	-	-	5.000
Interim Supply Support (ISS)	-	-	141.871	-	-	16.843	-	-	5.044	-	-	30.921	-	-	0.000	-	-	30.921
Data	-	-	6.257	-	-	1.000	-	-	1.000	-	-	1.000	-	-	-	-	-	1.000
PMA Contractor Services	-	-	6.982	-	-	0.940	-	-	0.950	-	-	0.959	-	-	-	-	-	0.959
PMA Government Costs	-	-	1.043	-	-	0.154	-	-	0.136	-	-	0.100	-	-	-	-	-	0.100
Other Government Cost	-	-	4.521	-	-	0.657	-	-	0.580	-	-	0.500	-	-	-	-	-	0.500
Withhold	-	-	18.000	-	-	12.500	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support End Item Cost</i>	-	-	311.712	-	-	48.326	-	-	54.706	-	-	50.167	-	-	0.000	-	-	50.167
Gross/Weapon System Cost	90.405	16	1,446.476	99.607	5	498.034	153.192	4	459.576	109.251	2	218.502	-	-	0.000	109.251	2	218.502

Remarks:

The MC-130J, HC-130J, and AC-130J are managed as a common platform and PMA costs are shared. This funding request will support potential DMS and obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

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

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130JH / HC-130J	Item Number / Title [DODIC]: - / HC-130J
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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 <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe/Engines/Accessories ^(†)		2014	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Oct 2015	Mar 2017	1	71.738	Y		Oct 2012
Airframe/Engines/Accessories ^(†)		2015	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2015	Aug 2017	4	70.336	Y		Oct 2012
Airframe/Engines/Accessories ^(†)		2016	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Mar 2016	Oct 2018	6	71.538	Y		Oct 2012
Airframe/Engines/Accessories ^(†)		2017	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2016	Jul 2019	5	75.874	Y		Oct 2012
Airframe/Engines/Accessories ^(†)		2018	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2017	Dec 2020	2	82.267	Y		Mar 2016
Advance Procurement												
Airframe/Engines/Accessories: HC-130J Airframe Equipment		2016	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Mar 2016	Oct 2018	3	10.000	Y		Oct 2012
Airframe/Engines/Accessories: HC-130J Airframe Equipment		2017	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2016	Jul 2019	2	10.000	Y		Oct 2012
Airframe/Engines/Accessories: HC-130J Airframe Equipment		2018	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2017	Dec 2020	0	0.000	Y		Mar 2016
Airframe/Engines/Accessories: HC-130J Airframe Equipment		2016	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Mar 2016	Oct 2018	3	0.000	Y		Oct 2012
Airframe/Engines/Accessories: HC-130J Airframe Equipment		2017	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2016	Jul 2019	2	0.000	Y		Oct 2012
Airframe/Engines/Accessories: HC-130J Airframe Equipment		2018	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2017	Dec 2020	0	0.000	Y		Mar 2016

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3 **P-1 Line Item Number / Title:** C130JH / HC-130J **Item Number / Title [DODIC]:** - / HC-130J

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2018														Fiscal Year 2019												BALANCE	
O C C #	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			
Airframe/Engines/Accessories																																	
Prior Years Deliveries: 11																																	
1		2014	AF	1	1	0																								0			
1		2015	AF	4	2	2	1	-	-	-	1																			0			
1		2016	AF	6	0	6	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-	-	-	1	-	-	-		1			
1		2017	AF	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-		3			
1		2018	AF	2	0	2			A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3 **P-1 Line Item Number / Title:** C130JH / HC-130J **Item Number / Title [DODIC]:** - / HC-130J

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020													Fiscal Year 2021													BALANCE	
O C C #	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			
Airframe/Engines/Accessories																																	
Prior Years Deliveries: 11																																	
1		2014	AF	1	1	0																							0				
1		2015	AF	4	4	0																							0				
1		2016	AF	6	5	1	-	-	-	-	-	-	-	-	1														0				
1		2017	AF	5	2	3	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1		0				
1		2018	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1				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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130JH / HC-130J	Item Number / Title [DODIC]: - / HC-130J
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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 - Marietta GA	12	24	36	0	0	0	0	0	0	3	36	39

Remarks:
 The C-130J production line produces 24 aircraft per year through 2019. This includes all USG, FMS, and commercial variants. Production rate will drop to 12 aircraft per year by 2023. What appear to be gaps in production are filled by other types of C-130Js. The C-130J P-21, Line Item P-4, depicts the complete C-130J production line 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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130JH / HC-130J

Program Elements for Code B Items: N/A **Other Related Program Elements:** 0207230F, 0207237F, 0401132F

Line Item MDAP/MAIS Code: 257

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Gross/Weapon System Cost (<i>\$ in Millions</i>)	177.877	30.000	20.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	227.877
Net Procurement (P-1) (<i>\$ in Millions</i>)	177.877	30.000	20.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	227.877
Total Obligation Authority (<i>\$ in Millions</i>)	177.877	30.000	20.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	227.877

Description:

HC-130 recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N aircraft which are experiencing airworthiness, maintainability and operational limitations. A common baseline aircraft configuration is being provided for the HC-130 Recap, the MC-130 Recap, and AC-130 Recap programs.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. Prior year HC-130 Recap program details are reported as part of the HC/MC Recap program. Eight HC-130Js were procured under the combined HC/MC-130 Recap program.

Advance procurement items are limited to components whose long lead times require purchase early in order to reduce the overall procurement lead time of the major end item. These long lead items include structural components, engine mounts, engine components, flap shafts, and generators.

Funding for this exhibit is contained in PE 0207224F.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Air Force					Date: May 2017				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift					P-1 Line Item Number / Title: C130JH / HC-130J				
Program Elements for Code B Items: N/A					Other Related Program Elements: 0207230F, 0207237F, 0401132F				
Line Item MDAP/MAIS Code: 257									

Exhibits Schedule				Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	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-10	HC-130J			16 / 177.877	5 / 30.000	3 / 20.000	2 / 0.000	- / -	2 / 0.000
P-40	Total Gross/Weapon System Cost			16 / 177.877	5 / 30.000	3 / 20.000	2 / 0.000	- / -	2 / 0.000

*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:
 There is no advance procurement funding in the FY18 budget for HC-130J aircraft.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130JH / HC-130J	P-5 Number / Title: - / HC-130J
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First System (2018) Award Date: December 2017	First System (2018) Completion Date: December 2018	Interval Between Systems: 12 Months
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HC-130J	Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2016 <i>(Each)</i>	FY 2017 <i>(Each)</i>	FY 2018 <i>(Each)</i>
Quantity	12	16	5	3	2

Cost Elements	When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2016 <i>(\$ M)</i>	FY 2017 <i>(\$ M)</i>	FY 2018 <i>(\$ M)</i>
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CFE					
Airframe/Engines/Accessories: HC-130J Airframe Equipment (†)	12	129.877	30.000	20.000	0.000
Total: CFE		129.877	30.000	20.000	0.000

EOQ					
Airframe/Engines/Accessories: HC-130J Airframe Equipment (†)	12	48.000	0.000	0.000	0.000
Total: EOQ		48.000	0.000	0.000	0.000
Total Advance Procurement/Obligation Authority		177.877	30.000	20.000	0.000

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130JH / HC-130J	P-5 Number / Title: - / HC-130J
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Cost Elements	QPA (Each)	FY 2018					Total Cost Request (\$ M)
		Production Leadtime (Months)	Unit Cost (\$ M)	Contract Forecast Date	2018 Qty (Each)	For FY	
CFE							
Airframe/Engines/Accessories: HC-130J Airframe Equipment ^(†)	-	12	0.000	Dec 2017	0		0.000
<i>Total: CFE</i>							<i>0.000</i>
EOQ							
Airframe/Engines/Accessories: HC-130J Airframe Equipment ^(†)	-	12	0.000	Dec 2017	0		0.000
<i>Total: EOQ</i>							<i>0.000</i>
Total Advance Procurement/Obligation Authority							0.000

Description:
 HC-130 recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N aircraft which are experiencing airworthiness, maintainability and operational limitations. A common baseline aircraft configuration is being provided for the HC-130 Recap, the MC-130 Recap and new AC-130 Recap programs.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. FY08-10 HC-130 Recap program details are reported as part of the HC/MC Recap program.

Advance procurement items are limited to components whose long-lead times require purchase early in order to reduce the overall procurement lead-time of the major end item. These long lead items include structural components, engine mounts, engine components, flap shafts, and generators. Funding for this exhibit contained in PE 0207224F.

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

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130JM / MC-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207237F, 0401132F

Line Item MDAP/MAIS Code: 257

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	26	8	10	5	-	5	3	5	4	2	9	72
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,332.931	855.772	1,028.358	453.373	0.000	453.373	346.949	579.344	496.856	248.105	1,195.758	7,537.446
Less PY Advance Procurement (<i>\$ in Millions</i>)	196.122	112.000	80.000	74.000	-	74.000	30.000	50.000	40.000	20.000	-	602.122
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,136.809	743.772	948.358	379.373	0.000	379.373	316.949	529.344	456.856	228.105	1,195.758	6,935.324
Plus CY Advance Procurement (<i>\$ in Millions</i>)	352.122	60.000	50.000	30.000	-	30.000	50.000	40.000	20.000	-	-	602.122
Total Obligation Authority (<i>\$ in Millions</i>)	2,488.931	803.772	998.358	409.373	0.000	409.373	366.949	569.344	476.856	228.105	1,195.758	7,537.446

(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>)	73.055	75.281	82.841	74.571	-	74.571	85.074	88.508	91.797	95.218	105.568	82.062
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	89.728	106.972	102.836	90.675	-	90.675	115.650	115.869	124.214	124.053	132.862	104.687

Description:

MC-130 recapitalization will replace and augment the aging USAF fleets of special operations MC-130E/H/P/W aircraft which are experiencing airworthiness, maintainability and operational limitations. A common baseline aircraft configuration is being provided for the MC-130 Recap, the HC-130 Recap, and AC-130 Recap programs.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. Prior year MC-130 Recap program details are reported as part of the HC/MC Recap program. Fifteen MC-130J were procured under the combined HC/MC-130 Recap program.

Program funding includes Diminishing Manufacturing Sources and allows for corrections of production deficiencies. This funding request will support potential DMS and obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

Funding for this exhibit is contained in PE 0207230F.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift **P-1 Line Item Number / Title:** C130JM / MC-130J

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207224F, 0207237F, 0401132F

Line Item MDAP/MAIS Code: 257

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost <i>(Each) / (\$ M)</i>					
P-5	MC-130J	P-5a, P-21	A		26 / 2,332.931	8 / 855.772	10 / 1,028.358	5 / 453.373	- / 0.000	5 / 453.373
P-40	Total Gross/Weapon System Cost				26 / 2,332.931	8 / 855.772	10 / 1,028.358	5 / 453.373	- / 0.000	5 / 453.373

*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:
The FY 2018 budget supports the production of 5 MC-130Js and provides for logistics support.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130JM / MC-130J	Item Number / Title [DODIC]: - / MC-130J

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (<i>Units in Each</i>)	26	8	10	5	-	5
Gross/Weapon System Cost (<i>\$ in Millions</i>)	2,332.931	855.772	1,028.358	453.373	0.000	453.373
Less PY Advance Procurement (<i>\$ in Millions</i>)	196.122	112.000	80.000	74.000	-	74.000
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,136.809	743.772	948.358	379.373	0.000	379.373
Plus CY Advance Procurement (<i>\$ in Millions</i>)	352.122	60.000	50.000	30.000	-	30.000
Total Obligation Authority (<i>\$ in Millions</i>)	2,488.931	803.772	998.358	409.373	0.000	409.373

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	89.728	106.972	102.836	90.675	-	90.675

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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/Engines/Accessories ^(†)	68.532	26	1,781.823	71.160	8	569.280	76.558	10	765.580	71.840	5	359.200	-	-	0.000	71.840	5	359.200
Government Furnished Equipment (GFE)	-	-	69.721	-	-	20.612	-	-	30.830	-	-	13.654	-	-	-	-	-	13.654
LAIRCM Group B	-	-	47.876	-	-	12.355	-	-	32.000	-	-	0.000	-	-	-	-	-	0.000
Block Upgrade	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	1,899.420	-	-	602.247	-	-	828.410	-	-	372.854	-	-	0.000	-	-	372.854
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	1,899.420	-	-	602.247	-	-	828.410	-	-	372.854	-	-	0.000	-	-	372.854
Support - Support End Item Cost																		
Airframe Peculiar Ground Support Equipment (PGSE)	-	-	15.473	-	-	4.869	-	-	7.759	-	-	3.225	-	-	0.000	-	-	3.225
Peculiar Training Equipment	-	-	131.437	-	-	113.908	-	-	0.706	-	-	4.322	-	-	-	-	-	4.322
Publications/Technical Data	-	-	11.471	-	-	4.000	-	-	4.000	-	-	4.000	-	-	-	-	-	4.000
Diminishing Manufacturing Sources	-	-	26.971	-	-	2.000	-	-	51.035	-	-	7.500	-	-	-	-	-	7.500
Interim Contractor Support (ICS)	-	-	33.113	-	-	4.500	-	-	5.000	-	-	1.000	-	-	-	-	-	1.000

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130JM / MC-130J	Item Number / Title [DODIC]: - / MC-130J
ID Code (A=Service Ready, B=Not Service Ready) : A		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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Interim Supply Support (ISS)	-	-	181.275	-	-	38.686	-	-	125.708	-	-	54.577	-	-	-	-	-	54.577
Post Delivery Support	-	-	9.141	-	-	3.000	-	-	3.000	-	-	3.000	-	-	-	-	-	3.000
PMA Contractor Services	-	-	7.639	-	-	0.940	-	-	0.950	-	-	0.959	-	-	-	-	-	0.959
PMA Government Services	-	-	0.322	-	-	0.307	-	-	0.339	-	-	0.367	-	-	-	-	-	0.367
Other Government Costs	-	-	4.669	-	-	1.315	-	-	1.451	-	-	1.569	-	-	-	-	-	1.569
Withhold	-	-	12.000	-	-	80.000	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support End Item Cost</i>	-	-	433.511	-	-	253.525	-	-	199.948	-	-	80.519	-	-	0.000	-	-	80.519
Gross/Weapon System Cost	89.728	26	2,332.931	106.972	8	855.772	102.836	10	1,028.358	90.675	5	453.373	-	-	0.000	90.675	5	453.373

Remarks:

The MC-130J, HC-130J, and AC-130J are managed as a common platform and PMA costs are shared. This funding request will support potential DMS and obsolescence solutions, to include if optimal, life of type buys or bridge buys limited to the program of record quantity.

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

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3	P-1 Line Item Number / Title: C130JM / MC-130J	Item Number / Title [DODIC]: - / MC-130J
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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 <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
Airframe/Engines/Accessories ^(†)		2015	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2015	Jan 2017	3	70.453	Y		Oct 2012
Airframe/Engines/Accessories ^(†)		2016	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Mar 2016	Nov 2017	8	71.160	Y		Oct 2012
Airframe/Engines/Accessories ^(†)		2017	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2016	Apr 2019	10	76.558	Y		Oct 2012
Airframe/Engines/Accessories ^(†)		2018	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2017	Sep 2019	5	71.840	Y		Oct 2012

Advance Procurement

Airframe/Engines/Accessories: MC-130J Airframe Equipment		2016	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Mar 2016	Nov 2017	10	6.000	Y		Oct 2012
Airframe/Engines/Accessories: MC-130J Airframe Equipment		2017	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2016	Apr 2019	5	10.000	Y		Oct 2012
Airframe/Engines/Accessories: MC-130J Airframe Equipment		2018	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2017	Sep 2019	3	10.000	Y		Oct 2012
Airframe/Engines/Accessories: MC-130J Economic Order Quantity Items		2016	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Mar 2016	Nov 2017	10	0.000	Y		Oct 2012
Airframe/Engines/Accessories: MC-130J Economic Order Quantity Items		2017	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2016	Apr 2019	5	0.000	Y		Oct 2012
Airframe/Engines/Accessories: MC-130J Economic Order Quantity Items		2018	Lockheed Martin / Marietta GA	SS / FPIF	WPAFB, OH	Dec 2017	Sep 2019	0	0.000	Y		Oct 2012

^(†) indicates the presence of a P-21

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3 **P-1 Line Item Number / Title:** C130JM / MC-130J **Item Number / Title [DODIC]:** - / MC-130J

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2016													Fiscal Year 2017													BALANCE								
O C C #	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										
Airframe/Engines/Accessories																																								
Prior Years Deliveries: 23																																								
1		2015	AF	3	0	3				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	1	
1		2016	AF	8	0	8																																	8	
1		2017	AF	10	0	10																																		10
1		2018	AF	5	0	5																																		5
							O C T	N O V	D E C	J A N	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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3 **P-1 Line Item Number / Title:** C130JM / MC-130J **Item Number / Title [DODIC]:** - / MC-130J

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2018														Fiscal Year 2019										BALANCE				
O C C #	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			
Airframe/Engines/Accessories																																		
Prior Years Deliveries: 23																																		
1		2015	AF	3	2	1	-	1																										0
1		2016	AF	8	0	8	-	1	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	
1		2017	AF	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	1	1	-	5
1		2018	AF	5	0	5			A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	
							O C T	N O V	D E C	J A N	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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3 **P-1 Line Item Number / Title:** C130JM / MC-130J **Item Number / Title [DODIC]:** - / MC-130J

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020													Fiscal Year 2021													BALANCE	
O C C #	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			
Airframe/Engines/Accessories																																	
Prior Years Deliveries: 23																																	
1	2015	AF		3	3	0																							0				
1	2016	AF		8	8	0																							0				
1	2017	AF		10	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	1	1				
1	2018	AF		5	1	4	1	1	1	-	1																		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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3 **P-1 Line Item Number / Title:** C130JM / MC-130J **Item Number / Title [DODIC]:** - / MC-130J

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2022												Fiscal Year 2023												BALANCE	
O C C #	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
Airframe/Engines/Accessories																															
Prior Years Deliveries: 23																															
	1	2015	AF	3	3	0																							0		
	1	2016	AF	8	8	0																							0		
	1	2017	AF	10	9	1																							0		
	1	2018	AF	5	5	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: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3		P-1 Line Item Number / Title: C130JM / MC-130J
Item Number / Title [DODIC]: - / MC-130J		

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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 - Marietta GA	12	24	36	0	0	0	0	0	0	3	21	24

Remarks:
The C-130J production line produces 24 aircraft per year through 2019. This includes all USG, FMS, and commercial variants. Production rate will drop to 12 aircraft per year by 2021. What appear to be gaps in production are filled by other types of C-130Js. The C-130J P-21, Line Item P-4, depicts the complete C-130J production line 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: FY 2018 Air Force										Date: May 2017		
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift							P-1 Line Item Number / Title: C130JM / MC-130J					
Program Elements for Code B Items: N/A							Other Related Program Elements: 0207224F, 0207237F, 0401132F					
Line Item MDAP/MAIS Code: 257												

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Gross/Weapon System Cost (<i>\$ in Millions</i>)	352.122	60.000	50.000	30.000	-	30.000	50.000	40.000	20.000	-	-	602.122
Net Procurement (P-1) (<i>\$ in Millions</i>)	352.122	60.000	50.000	30.000	-	30.000	50.000	40.000	20.000	-	-	602.122
Total Obligation Authority (<i>\$ in Millions</i>)	352.122	60.000	50.000	30.000	-	30.000	50.000	40.000	20.000	-	-	602.122

Description:

MC-130 recapitalization will replace and augment the aging USAF fleets of special operations MC-130E/H/P/W aircraft which are experiencing airworthiness, maintainability and operational limitations. A common baseline aircraft configuration is being provided for the MC-130 Recap, the HC-130 Recap, and AC-130 Recap programs.

Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. Prior year MC-130 Recap program details are reported as part of the HC/MC Recap program. Fifteen MC-130J were procured under the combined HC/MC-130 Recap program.

Advance procurement items are limited to components whose long lead times require purchase early in order to reduce the overall procurement lead time of the major end item. These long lead items include structural components, engine mounts, engine components, flap shafts, and generators.

Funding for this exhibit is contained in PE 0207230F.

UNCLASSIFIED

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Air Force					Date: May 2017				
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 02: Airlift Aircraft / BSA 3: Other Airlift					P-1 Line Item Number / Title: C130JM / MC-130J				
Program Elements for Code B Items: N/A					Other Related Program Elements: 0207224F, 0207237F, 0401132F				
Line Item MDAP/MAIS Code: 257									

Exhibits Schedule				Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	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-10	MC-130J			26 / 352.122	8 / 60.000	10 / 50.000	5 / 30.000	- / -	5 / 30.000
P-40	Total Gross/Weapon System Cost			26 / 352.122	8 / 60.000	10 / 50.000	5 / 30.000	- / -	5 / 30.000

*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:
 The FY18 budget supports advance procurement for 3 FY19 MC-130J aircraft.

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Exhibit P-10, Advance Procurement Requirements Analysis (page 1 - Budget Funding Justification): FY 2018 Air Force					Date: May 2017	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3		P-1 Line Item Number / Title: C130JM / MC-130J			P-5 Number / Title: - / MC-130J	
First System (2018) Award Date: December 2016		First System (2018) Completion Date: December 2017		Interval Between Systems: 1 Months		
MC-130J		Production Leadtime <i>(Months)</i>	Prior Years <i>(Each)</i>	FY 2016 <i>(Each)</i>	FY 2017 <i>(Each)</i>	FY 2018 <i>(Each)</i>
Quantity		12	26	8	10	5
Cost Elements		When Required <i>(Months)</i>	Prior Years <i>(\$ M)</i>	FY 2016 <i>(\$ M)</i>	FY 2017 <i>(\$ M)</i>	FY 2018 <i>(\$ M)</i>
CFE						
Airframe/Engines/Accessories: MC-130J Airframe Equipment (†)		12	268.122	60.000	50.000	30.000
Total: CFE			268.122	60.000	50.000	30.000
EOQ						
Airframe/Engines/Accessories: MC-130J Economic Order Quantity Items (†)		12	84.000	0.000	0.000	0.000
Total: EOQ			84.000	0.000	0.000	0.000
Total Advance Procurement/Obligation Authority			352.122	60.000	50.000	30.000

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Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): FY 2018 Air Force						Date: May 2017	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 02 / 3			P-1 Line Item Number / Title: C130JM / MC-130J			P-5 Number / Title: - / MC-130J	
FY 2018							
Cost Elements	QPA (Each)	Production Leadtime (Months)	Unit Cost (\$ M)	Contract Forecast Date	2018 Qty (Each)	For FY	Total Cost Request (\$ M)
CFE							
Airframe/Engines/Accessories: MC-130J Airframe Equipment ^(t)	-	12	10.000	Dec 2017	3		30.000
<i>Total: CFE</i>							<i>30.000</i>
EOQ							
Airframe/Engines/Accessories: MC-130J Economic Order Quantity Items ^(t)	-	0	0.000	Dec 2017	0		0.000
<i>Total: EOQ</i>							<i>0.000</i>
Total Advance Procurement/Obligation Authority							30.000

Description:
 MC-130 recapitalization will replace and augment the aging USAF fleets of special operations MC-130E/H/P/W aircraft which are experiencing airworthiness, maintainability and operational limitations.

A common baseline aircraft configuration is being provided for the MC-130 Recap, the HC-130 Recap, and AC-130 Recap programs. Beginning with the FY11 President's Budget, the HC-130 Recap and MC-130 Recap programs are being reported separately for improved visibility. Prior year MC-130 Recap program details are reported as part of the HC/MC Recap program. Fifteen MC-130J were procured under the combined HC/MC-130 Recap program.

Funding for this exhibit is contained in PE 0207230F.

^(t) indicates the presence of Contract Data presented in the associated P-5 Item's P-5a exhibit.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 1: Helicopters **P-1 Line Item Number / Title:** H0106O / UUH-1N Replacement

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0102110F **Other Related Program Elements:** 0102110F

Line Item MDAP/MAIS Code: 562

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	8	8	8	56	80
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	2.456	18.337	0.000	0.000	0.000	0.000	347.431	373.337	467.203	2,766.798	3,975.562
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	0.000	0.000	0.000	-	0.000	0.000	0.000	14.375	14.663	14.927	43.965
Net Procurement (P-1) (<i>\$ in Millions</i>)	0.000	2.456	18.337	0.000	0.000	0.000	0.000	347.431	358.962	452.540	2,751.871	3,931.597
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	0.000	0.000	0.000	-	0.000	0.000	14.375	14.663	14.927	0.000	43.965
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	2.456	18.337	0.000	0.000	0.000	0.000	361.806	373.625	467.467	2,751.871	3,975.562
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	16.271	16.733	17.207	133.544	183.755
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	31.816	35.865	39.345	41.899	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	43.429	46.667	58.400	49.407	49.695

Description:

The UH-1N Replacement program will replace the Air Force fleet of 63 UH-1N aircraft, which have significant capability gaps in the areas of speed, range, endurance, payload capacity, and aircraft self-protection. The Air Force intends to replace these UH-1Ns with modern helicopters that will eliminate these capability gaps. The replacement aircraft will provide vertical airlift and support the requirements of five Air Force major commands and operating agencies: Air Force Global Strike Command (AFGSC), Air Force District of Washington, Air Education and Training Command, Pacific Air Forces, and Air Force Materiel Command. AFGSC is the Air Force lead command and operational capability requirements sponsor. This program is an element of the Air Force's nuclear enterprise reform initiatives.

This program has associated RDT&E, AF funding in the Budget Year to provide for one-time systems engineering activities for non-developmental item (NDI) integration onto an airworthiness-certified baseline helicopter and associated testing and certifications. FY2018 RDT&E, AF funding also provides for the initiation of live fire test and evaluation activities necessary to assess compliance with aircraft self-protection and survivability requirements. The UH-1N Replacement solution is expected to undergo qualification and operational test and evaluation in FY2019-FY2020 to validate the aircraft's operational performance, effectiveness, and suitability. In FY16 UH-1N Replacement was a new start.

Funding for this exhibit contained in PE 0102110F.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 1: Helicopters **P-1 Line Item Number / Title:** H0106O / UUH-1N Replacement

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0102110F **Other Related Program Elements:** 0102110F

Line Item MDAP/MAIS Code: 562

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-5	UUH-1N Replacement		B		- / 0.000	- / 2.456	- / 18.337	- / 0.000	- / 0.000	- / 0.000
P-40	Total Gross/Weapon System Cost				- / 0.000	- / 2.456	- / 18.337	- / 0.000	- / 0.000	- / 0.000

*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:
There is no FY18 procurement funding.

UNCLASSIFIED

Exhibit P-5, Cost Analysis: FY 2018 Air Force						Date: May 2017		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1			P-1 Line Item Number / Title: H0106O / UUH-1N Replacement			Item Number / Title [DODIC]: - / UUH-1N Replacement		
ID Code (A=Service Ready, B=Not Service Ready) : B				MDAP/MAIS Code:				
Resource Summary			Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (<i>Units in Each</i>)			-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)			0.000	2.456	18.337	0.000	0.000	0.000
Less PY Advance Procurement (<i>\$ in Millions</i>)			-	0.000	0.000	0.000	-	0.000
Net Procurement (P-1) (<i>\$ in Millions</i>)			0.000	2.456	18.337	0.000	0.000	0.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)			-	0.000	0.000	0.000	-	0.000
Total Obligation Authority (<i>\$ in Millions</i>)			0.000	2.456	18.337	0.000	0.000	0.000
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>								
Initial Spares (<i>\$ in Millions</i>)			-	-	-	0.000	-	0.000
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)			-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Support - UH-1N Replacement Cost																		
Peculiar Ground Support Equipment	-	-	-	-	-	-	-	-	0.650	-	-	0.000	-	-	-	-	-	0.000
Aircrew Training Systems and Devices	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
Aircrew Type I Training	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
Interim Contractor Support Base Activation	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
Publications and Technical Data	-	-	-	-	-	-	-	-	0.350	-	-	0.000	-	-	-	-	-	0.000
Production Engineering Support	-	-	-	-	-	-	-	-	2.500	-	-	0.000	-	-	-	-	-	0.000
Depot Activation	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
PMA Contractor Services	-	-	0.000	-	-	2.356	-	-	2.637	-	-	0.000	-	-	-	-	-	0.000
PMA Other Government Costs	-	-	0.000	-	-	0.100	-	-	12.200	-	-	0.000	-	-	0.000	-	-	0.000
System Test and Engineering	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Support - UH-1N Replacement Cost</i>	-	-	0.000	-	-	2.456	-	-	18.337	-	-	0.000	-	-	0.000	-	-	0.000
Gross/Weapon System Cost	-	-	0.000	-	-	2.456	-	-	18.337	-	-	0.000	-	-	0.000	-	-	0.000

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 1: Helicopters **P-1 Line Item Number / Title:** V022A0 / CV-22 (MYP)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0401318F

Line Item MDAP/MAIS Code: 212

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	50	1	-	-	-	-	-	-	-	-	-	51
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4,253.734	64.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4,318.234
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	4,253.734	64.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4,318.234
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	4,253.734	64.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4,318.234

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

Initial Spares (<i>\$ in Millions</i>)	692.867	-	-	-	-	-	-	-	-	-	-	692.867
Flyaway Unit Cost (<i>\$ in Millions</i>)	69.027	64.250	-	-	-	-	-	-	-	-	-	68.933
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	85.075	64.500	-	-	-	-	-	-	-	-	-	84.671

Description:

FY2016 funding (\$64.5M) resulted from a Congressional add to fully fund one additional aircraft for attrition reserve.

The CV-22 is the US Air Force Special Operations Forces (SOF) variant of the joint multi-mission V-22 tilt-rotor aircraft. The aircraft provides long-range infiltration, exfiltration, and re-supply of SOF in politically sensitive and hostile/denied areas. The Navy is the lead service for the joint V-22 program and has overall responsibility for managing all V-22 variants, including the Air Force CV-22 variant. Including the FY2016 Congressional add, the program will field a total of 51 CV-22 aircraft (2 Production Representative Test Vehicles funded with RDT&E, 49 production aircraft, plus two replacement aircraft procured with FY2011 and FY2014 Overseas Contingency Operations supplemental funds).

Funding for this exhibit contained in PE 0401318F.

Flyaway unit cost includes recurring and non-recurring flyaway costs.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 1: Helicopters **P-1 Line Item Number / Title:** V022A0 / CV-22 (MYP)

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0401318F

Line Item MDAP/MAIS Code: 212

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 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	CV-22 (MYP)		A		50 / 4,253.734	1 / 64.500	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-40	Total Gross/Weapon System Cost				50 / 4,253.734	1 / 64.500	- / 0.000	- / 0.000	- / 0.000	- / 0.000

*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:

No FY2018 funding requested.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1	P-1 Line Item Number / Title: V022A0 / CV-22 (MYP)	Item Number / Title [DODIC]: - / CV-22 (MYP)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	50	1	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	4,253.734	64.500	0.000	0.000	0.000	0.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	4,253.734	64.500	0.000	0.000	0.000	0.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	4,253.734	64.500	0.000	0.000	0.000	0.000

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

Initial Spares (\$ in Millions)	692.867	-	-	-	-	-
Gross/Weapon System Unit Cost (\$ in Millions)	85.075	64.500	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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																		
Air Frame CFE	58.235	50	2,911.734	62.018	1	62.018	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Engines/Accessories	2.446	86	210.354	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GFE	-	-	92.237	-	-	2.117	-	-	-	-	-	-	-	-	-	-	-	-
Engineering Change Orders (ECO)	-	-	75.862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	3,290.187	-	-	64.135	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	3,290.187	-	-	64.135	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000

Flyaway - CV-22 Cost

Non Recurring Cost																		
Nonrecurring Tooling Cost	-	-	96.560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ancillary Equipment	-	-	28.760	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Parts Obsolescence	-	-	35.834	-	-	0.115	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	161.154	-	-	0.115	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Flyaway - CV-22 Cost</i>	-	-	161.154	-	-	0.115	-	-	-	-	-	-	-	-	-	-	-	-

Support - Support End Item Cost

Airframe PGSE	-	-	60.714	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Engine PGSE	-	-	6.312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Avionics PGSE	-	-	31.145	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-5, Cost Analysis: FY 2018 Air Force												Date: May 2017					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 1						P-1 Line Item Number / Title: V022A0 / CV-22 (MYP)						Item Number / Title [DODIC]: - / CV-22 (MYP)					
ID Code (A=Service Ready, B=Not Service Ready) : A												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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Peculiar Training Equipment	-	-	212.206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Publications/Technical Data	-	-	54.852	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other ILS	-	-	292.888	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production Engr Support	-	-	95.632	-	-	0.250	-	-	-	-	-	-	-	-	-	-	-	-
Common SE	-	-	48.644	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - Support End Item Cost</i>	-	-	802.393	-	-	0.250	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	85.075	50	4,253.734	64.500	1	64.500	-	-	0.000									

Remarks:

Some aircraft components purchased with the FY2015 Congressional add (\$15.0M) will be incorporated into the FY2016 added aircraft.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 4: Mission Support Aircraft	P-1 Line Item Number / Title: CAPAC0 / Civil Air Patrol A/C
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	20	6	6	-	6	6	6	6	6	-	56
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	10.400	2.637	2.695	0.000	2.695	2.742	2.789	2.839	2.896	-	26.998
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	10.400	2.637	2.695	0.000	2.695	2.742	2.789	2.839	2.896	-	26.998
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	10.400	2.637	2.695	0.000	2.695	2.742	2.789	2.839	2.896	-	26.998

(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>)	-	0.520	0.440	0.448	-	0.448	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	0.520	0.440	0.449	-	0.449	0.457	0.465	0.473	0.483	-	0.482

Description:

The Civil Air Patrol (CAP) is a Congressionally chartered non-profit corporation that serves as the Auxiliary of the Air Force. CAP uses federally provided resources to provide assistance requested by the DoD, federal, state or local government authorities and non-governmental organizations (NGOs) to perform emergency or non-emergency public purpose missions and activities.

Pursuant to US Code (Title 10 & 36) the purpose of CAP Corporation is to encourage and aid citizens of the US in contributing their efforts, services, and resources in developing aviation and in maintaining air supremacy; and to encourage and develop, by example, the voluntary contribution of private citizens to the public welfare.

CAP provides aviation education and training, as well as encourages and fosters civil aviation in local communities. CAP also provides an organization to assist in meeting local emergencies and assists the Dept. of the Air Force in non-combat program/missions.

This program has no initial spares cost. The weapon system cost, flyaway unit cost, and weapon system unit cost do not apply.

Funding for this exhibit contained in PE 0901223F.

Justification:

FY18 funding of \$2.695M supports a contract award for the procurement of 4 Cessna (four or six-seat) fixed-wing single engine aircraft equipped with satellite digital imaging systems, automatic direction finder, emergency locator transmitter, FM radio, camera port window, ground power unit, and appropriate training material. Unit cost reflects purchase price adjusted for purchase of 6 aircraft.

Aircraft type and quantities (typically, but not limited to Cessna-172, Cessna-182, and Cessna-206) procured during execution are a continuing requirement but may change based on critical equipment needed to support current mission requirements, market availability, and budget changes due to mark-ups, fall-out funds availability, or cost fluctuations.

AF central procurement processes are not applicable.

CAP's procurement processes/standards are described in the Department of Defense Grant & Agreement Regulations.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: 10PALE / Pale Ale
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	37.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	37.000
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	37.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	37.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	37.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	37.000

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

Description:

Funding supports drug interdiction and counter-drug activities.

Funding for this exhibit contained in PE 0208889F.

Justification:

No FY18 funding is requested.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: 10TRGT / Target Drones
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	50	41	42	-	42	48	44	44	46	-	315
Gross/Weapon System Cost (<i>\$ in Millions</i>)	89.323	131.879	114.656	109.841	0.000	109.841	148.394	131.875	134.579	137.274	-	997.821
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	89.323	131.879	114.656	109.841	0.000	109.841	148.394	131.875	134.579	137.274	-	997.821
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	89.323	131.879	114.656	109.841	0.000	109.841	148.394	131.875	134.579	137.274	-	997.821

(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>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	2.638	2.796	2.615	-	2.615	3.092	2.997	3.059	2.984	-	3.168

Description:

Full-scale and subscale Aerial Targets assure warfighters weapon systems will perform effectively against real-world enemy fighters and cruise missiles. Aerial Targets provide adherence to Public Law Title 10, Section 2366 "Live Fire/Lethality" developmental/operational test requirements. Target drones are used to validate operational missile/weapon system effectiveness and fighter Operational Flight Program (OFP) updates. Target are essential for development testing/operational testing for all air-to-air (e.g., AMRAAM, AIM-9x, etc.) and surface-to-air missiles (e.g.PAC 3, FIM 92 Stinger), and for the F-22A, F-35, F-18, F-16, and F-15 aircraft. The objective is to provide realistic targets for missile testing to enable the development of offensive counter-air systems (air-to-air and surface-to-air) capable of defeating changing enemy airborne threats. This program provides funds for the procurement of subscale aerial targets (BQM-167A Air Force Subscale Aerial Target-AFSAT), full-scale aerial targets (QF-16), Target Control System (TCS), and includes procurement of associated mission and support equipment. Funding supports associated systems such as target control and scoring systems essential to aerial target operations. The TCS program ensures software interoperability among service ranges, the encryption of range/aircraft data links, and associated communication devices. Aerial targets and associated systems are required for Congressionally mandated testing and Air Force developmental and operational testing. Funding also provides for capabilities to meet current and future threats identified by OSD. Funds may be used to address emerging and short-notice Diminishing Manufacturing and Material Shortage (DMSMS) issues.

Funding for this exhibit contained in PE 0305116F.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft **P-1 Line Item Number / Title:** 10TRGT / Target Drones

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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 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	Target Drones		A		- / -	- / 2.461	- / 4.776	- / 2.481	- / -	- / 2.481
P-5	AFSAT	P-5a, P-21	A		- / -	25 / 31.507	16 / 18.060	30 / 32.929	- / -	30 / 32.929
P-5	QF-16	P-5a, P-21	A		- / 89.323	25 / 97.911	25 / 91.820	12 / 74.431	- / -	12 / 74.431
P-40	Total Gross/Weapon System Cost				- / 89.323	50 / 131.879	41 / 114.656	42 / 109.841	- / 0.000	42 / 109.841

*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:
 FY18 AFSAT funds will be used to procure 30 USAF production assets, support equipment, sustaining, production and diminishing manufacturing engineering support.
 FY18 QF-16 funds will be used to procure 12 USAF production assets, support equipment, sustaining, production and diminishing manufacturing engineering support.
 FY18 TCS funds will be used to procure 4 USAF Data Link System Replacement (DLS-r) units to replace obsolete/unsupported existing DLS units at Tyndall AFB, FL.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: 10TRGT / Target Drones	Item Number / Title [DODIC]: - / Target Drones

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	2.461	4.776	2.481	-	2.481
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	2.461	4.776	2.481	-	2.481
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	2.461	4.776	2.481	-	2.481

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

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

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware - Target Control System Cost																		
Recurring Cost																		
Data Link System - replacement	-	-	-	0.410	6	2.461	0.434	11	4.776	0.620	4	2.481	-	-	-	0.620	4	2.481
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	2.461	-	-	4.776	-	-	2.481	-	-	-	-	-	2.481
<i>Subtotal: Hardware - Target Control System Cost</i>	-	-	-	-	-	2.461	-	-	4.776	-	-	2.481	-	-	-	-	-	2.481
Gross/Weapon System Cost	-	-	-	-	-	2.461	-	-	4.776	-	-	2.481	-	-	-	-	-	2.481

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: 10TRGT / Target Drones	Item Number / Title [DODIC]: - / AFSAT

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	25	16	30	-	30
Gross/Weapon System Cost (\$ in Millions)	-	31.507	18.060	32.929	-	32.929
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	31.507	18.060	32.929	-	32.929
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	31.507	18.060	32.929	-	32.929

(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)	-	1.260	1.129	1.098	-	1.098

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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 - AFSAT Cost																		
Recurring Cost																		
BQM-167 Production Article ^(t)	-	-	-	1.221	25	30.517	1.062	16	16.989	1.054	30	31.631	-	-	-	1.054	30	31.631
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	30.517	-	-	16.989	-	-	31.631	-	-	-	-	-	31.631
<i>Subtotal: Flyaway - AFSAT Cost</i>	-	-	-	-	-	30.517	-	-	16.989	-	-	31.631	-	-	-	-	-	31.631
Logistics - AFSAT Cost																		
Recurring Cost																		
Production Support	-	-	-	-	-	0.083	-	-	0.084	-	-	0.097	-	-	-	-	-	0.097
Government Support	-	-	-	-	-	0.384	-	-	0.441	-	-	0.450	-	-	-	-	-	0.450
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.467	-	-	0.525	-	-	0.547	-	-	-	-	-	0.547
<i>Subtotal: Logistics - AFSAT Cost</i>	-	-	-	-	-	0.467	-	-	0.525	-	-	0.547	-	-	-	-	-	0.547
Support - AFSAT Cost																		
PMA Contractor Services	-	-	-	-	-	0.430	-	-	0.438	-	-	0.651	-	-	-	-	-	0.651
PMA Other Government Costs	-	-	-	-	-	0.093	-	-	0.108	-	-	0.100	-	-	-	-	-	0.100
<i>Subtotal: Support - AFSAT Cost</i>	-	-	-	-	-	0.523	-	-	0.546	-	-	0.751	-	-	-	-	-	0.751
Gross/Weapon System Cost	-	-	-	1.260	25	31.507	1.129	16	18.060	1.098	30	32.929	-	-	-	1.098	30	32.929

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

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: 10TRGT / Target Drones	Item Number / Title [DODIC]: - / AFSAT
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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 <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
BQM-167 Production Article ^(†)		2016	Composite Engineering Inc / Sacramento CA	SS / FFP	Eglin AFB	Dec 2015	Dec 2016	25	1.221	Y		May 2013
BQM-167 Production Article ^(†)		2017	Composite Engineering Inc. / Sacramento CA	SS / FFP	Eglin AFB	Feb 2017	Dec 2017	16	1.062	Y		May 2013
BQM-167 Production Article ^(†)		2018	Composite Engineering Inc. / Sacramento CA	SS / FFP	Eglin AFB	Feb 2018	Dec 2018	30	1.054	Y		Aug 2016

^(†) indicates the presence of a P-21

Remarks:

- Contract quantities include only United States Air Force (USAF)
- Specs available due to Pre Priced options in multi year contract
- Program awarded Lots 11-13 production contract (base year plus 2 option years) in December 2014 via sole source contract; FY17 is Lot 13
- Lots 14-16 production contract (base year plus 2 option years) planned award in February 2018 via sole source contract; FY18 will be Lot 14

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date: May 2017**

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** 10TRGT / Target Drones **Item Number / Title [DODIC]:** - / AFSAT

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2018													Fiscal Year 2019													BALANCE	
O C C #	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			
BQM-167 Production Article																																	
	1	2016	AF	25	20	5	2	3																					0				
	2	2017	AF	16	0	16	-	-	2	2	2	2	1	1	1	1	1	1	1	1									0				
	2	2018	AF	30	0	30					A	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	3	3	3	3	6		
							O C T	N O V	D E C	J A N	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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** 10TRGT / Target Drones **Item Number / Title [DODIC]:** - / AFSAT

Cost Elements <i>(Units in Each)</i>							Fiscal Year 2020														Fiscal Year 2021														BALANCE
O C 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					
BQM-167 Production Article																																			
	1	2016	AF	25	25	0																								0					
	2	2017	AF	16	16	0																								0					
	2	2018	AF	30	24	6	3	3																						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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: 10TRGT / Target Drones	Item Number / Title [DODIC]: - / AFSAT
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	Composite Engineering Inc - Sacramento CA				0	0	0	0	0	0	0	0	0
2	Composite Engineering Inc. - Sacramento CA	22	29	35	0	0	0	0	0	5	10	15	15

"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-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: 10TRGT / Target Drones	Item Number / Title [DODIC]: - / QF-16

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	25	25	12	-	12
Gross/Weapon System Cost (\$ in Millions)	89.323	97.911	91.820	74.431	-	74.431
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	89.323	97.911	91.820	74.431	-	74.431
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	89.323	97.911	91.820	74.431	-	74.431

(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)	-	3.916	3.673	6.203	-	6.203

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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 - QF-16 Cost																		
Recurring Cost																		
QF-16 Drone Peculiar Equipment ^(†)	1.514	59	89.323	1.210	25	30.257	1.269	25	31.728	1.900	12	22.798	-	-	-	1.900	12	22.798
<i>Subtotal: Recurring Cost</i>	-	-	89.323	-	-	30.257	-	-	31.728	-	-	22.798	-	-	-	-	-	22.798
Non Recurring Cost																		
Aircraft Vehicle Regeneration	-	-	-	-	-	40.200	-	-	33.165	-	-	24.630	-	-	-	-	-	24.630
Engine Regeneration	-	-	-	-	-	18.651	-	-	15.131	-	-	15.636	-	-	-	-	-	15.636
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	58.851	-	-	48.296	-	-	40.266	-	-	-	-	-	40.266
<i>Subtotal: Flyaway - QF-16 Cost</i>	-	-	89.323	-	-	89.108	-	-	80.024	-	-	63.064	-	-	-	-	-	63.064
Hardware - QF-16 Cost																		
Recurring Cost																		
Storage/Shipment	-	-	-	-	-	0.377	-	-	0.438	-	-	0.419	-	-	-	-	-	0.419
GFP Support	-	-	-	-	-	2.545	-	-	3.749	-	-	4.035	-	-	-	-	-	4.035
Other Support	-	-	-	-	-	3.550	-	-	5.426	-	-	4.876	-	-	-	-	-	4.876
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	6.472	-	-	9.613	-	-	9.330	-	-	-	-	-	9.330
<i>Subtotal: Hardware - QF-16 Cost</i>	-	-	-	-	-	6.472	-	-	9.613	-	-	9.330	-	-	-	-	-	9.330
Logistics - QF-16 Cost																		
Recurring Cost																		

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Exhibit P-5, Cost Analysis: FY 2018 Air Force													Date: May 2017					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5						P-1 Line Item Number / Title: 10TRGT / Target Drones						Item Number / Title [DODIC]: - / QF-16						
ID Code (A=Service Ready, B=Not Service Ready) : A										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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Support Equipment	-	-	-	-	-	0.614	-	-	0.250	-	-	0.075	-	-	-	-	-	0.075
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.614	-	-	0.250	-	-	0.075	-	-	-	-	-	0.075
<i>Subtotal: Logistics - QF-16 Cost</i>	-	-	-	-	-	0.614	-	-	0.250	-	-	0.075	-	-	-	-	-	0.075
Support - QF-16 Cost																		
PMA Contractor Services	-	-	-	-	-	1.390	-	-	1.422	-	-	1.450	-	-	-	-	-	1.450
PMA Other Government Costs	-	-	-	-	-	0.327	-	-	0.511	-	-	0.512	-	-	-	-	-	0.512
<i>Subtotal: Support - QF-16 Cost</i>	-	-	-	-	-	1.717	-	-	1.933	-	-	1.962	-	-	-	-	-	1.962
Gross/Weapon System Cost	-	-	89.323	3.916	25	97.911	3.673	25	91.820	6.203	12	74.431	-	-	-	6.203	12	74.431

Remarks:

The quantities shown in the Prior Years column represent only years that contain undelivered assets (FY13, FY14, and FY15).

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

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: 10TRGT / Target Drones	Item Number / Title [DODIC]: - / QF-16
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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 <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
QF-16 Drone Peculiar Equipment ^(†)		2013	The Boeing Company / St Louis MO	C / FFP	Eglin AFB	Oct 2013	Mar 2015	15	2.092	Y		Jun 2009
QF-16 Drone Peculiar Equipment ^(†)		2014	The Boeing Company / St Louis MO	C / FFP	Eglin AFB	May 2014	Mar 2017	25	1.389	Y		Jun 2009
QF-16 Drone Peculiar Equipment ^(†)		2015	The Boeing Company / St Louis MO	C / FFP	Eglin AFB	Mar 2015	Apr 2018	19	1.222	Y		Jun 2009
QF-16 Drone Peculiar Equipment ^(†)		2016	The Boeing Company / St Louis MO	C / FFP	Eglin AFB	Mar 2016	Feb 2019	25	1.210	Y		Jun 2009
QF-16 Drone Peculiar Equipment ^(†)		2017	The Boeing Company / St Louis MO	C / FFP	Eglin AFB	Mar 2017	Sep 2018	25	1.269	Y		Jun 2009
QF-16 Drone Peculiar Equipment ^(†)		2018	The Boeing Company / St Louis MO	C / FFP	Eglin AFB	Nov 2017	Nov 2020	12	1.900	Y		Jan 2017

^(†) indicates the presence of a P-21

Remarks:

- Contract quantities illustrated include United States Air Force (USAF) only.
- Specs available due to Pre Priced options in multi year contract.

- Lot 2 Awarded with FY13 and FY14 funds. The Boeing contract schedules USAF deliveries from Oct 2015 through Oct 2016.
- Lot 3 Awarded with FY14 and FY15 funds. The Boeing contract schedules USAF deliveries from Nov 2016 through Oct 2017.
- Lot 4 Awarded with FY16 funds. The Boeing contract schedules USAF deliveries from Nov 2017 through Sep 2018.
- Lot 5 Split into 5A (FY17) and 5B (FY18): SPO proactively addressed production delivery delays, preserved business deal, and realigned funds to cover critical DMS bills. Negotiated rebaselined production schedule to include preserving Lot 5 competitive pricing. Lot 5A awarded with FY17 funds for 13 tails. Lot 5B awarded with FY18 funds for 12 tails. The Boeing contract schedules USAF deliveries from Mar 2020 through Apr 2021.

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** 10TRGT / Target Drones **Item Number / Title [DODIC]:** - / QF-16

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2014														Fiscal Year 2015														BALANCE	
O C C #	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					
QF-16 Drone Peculiar Equipment																																			
1		2013	AF ⁽¹⁾	15	0	15	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12					
1		2014	AF	25	0	25																								25					
1		2014	NAVY ^(‡)	2	0	2																								2					
1		2014	Total	27	0	27																								27					
1		2015	AF	19	0	19																								19					
1		2016	AF	25	0	25																								25					
1		2016	NAVY ^(‡)	5	0	5																								5					
1		2016	Total	30	0	30																								30					
1		2017	AF	25	0	25																								25					
1		2017	NAVY ^(‡)	5	0	5																								5					
1		2017	Total	30	0	30																								30					
1		2018	AF	12	0	12																								12					
							O C T	N O V	D E C	J A N	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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** 10TRGT / Target Drones **Item Number / Title [DODIC]:** - / QF-16

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			
QF-16 Drone Peculiar Equipment																																	
1		2013	AF ⁽¹⁾	15	3	12	-	-	1	1	-	1	1	-	1	1	1	1	1	1	2								0				
1		2014	AF	25	0	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	2	2	2	2	12			
1		2014	NAVY ^(‡)	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0				
1		2014	Total	27	0	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	2	2	2	2	3	12				
1		2015	AF	19	0	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19				
1		2016	AF	25	0	25																							25				
1		2016	NAVY ^(‡)	5	0	5																							5				
1		2016	Total	30	0	30																							30				
1		2017	AF	25	0	25																							25				
1		2017	NAVY ^(‡)	5	0	5																							5				
1		2017	Total	30	0	30																							30				
1		2018	AF	12	0	12																							12				
							O C T	N O V	D E C	J A N	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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** 10TRGT / Target Drones **Item Number / Title [DODIC]:** - / QF-16

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
QF-16 Drone Peculiar Equipment																															
1		2013	AF ⁽¹⁾	15	15	0																						0			
1		2014	AF	25	13	12	2	2	2	2	2																	0			
1		2014	NAVY ^(‡)	2	2	0	-	-	-	-	-																	0			
1		2014	Total	27	15	12	2	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
1		2015	AF	19	0	19	-	-	-	-	-	2	2	2	2	2	2	2	2	2	1							0			
1		2016	AF	25	0	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	2	2	2	2	10			
1		2016	NAVY ^(‡)	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	1	1			
1		2016	Total	30	0	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3	3	2	3	3	11			
1		2017	AF	25	0	25	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	3	0			
1		2017	NAVY ^(‡)	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	-	-	-	0				
1		2017	Total	30	0	30	-	-	-	-	-	-	-	-	-	2	2	2	3	3	3	3	3	2	2	2	3	0			
1		2018	AF	12	0	12		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12				
							O C T	N O V	D E C	J A N	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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** 10TRGT / Target Drones **Item Number / Title [DODIC]:** - / QF-16

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020													Fiscal Year 2021													BALANCE	
O C C #	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			
QF-16 Drone Peculiar Equipment																																	
1		2013	AF ⁽¹⁾	15	15	0																							0				
1		2014	AF	25	25	0																							0				
1		2014	NAVY ^(‡)	2	2	0																							0				
1		2014	Total	27	27	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0				
1		2015	AF	19	19	0																							0				
1		2016	AF	25	15	10	2	2	2	2	2																		0				
1		2016	NAVY ^(‡)	5	4	1	1	-	-	-	-																		0				
1		2016	Total	30	19	11	3	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0					
1		2017	AF	25	25	0																							0				
1		2017	NAVY ^(‡)	5	5	0																							0				
1		2017	Total	30	30	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0					
1		2018	AF	12	0	12	-	-	-	-	-	-	-	-	-	-	-	2	1	2	3	2	2						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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: 10TRGT / Target Drones	Item Number / Title [DODIC]: - / QF-16
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	The Boeing Company - St Louis MO	12	25	36	0	0	0	0	0	0	2	36	38

Remarks:

- FY 13 Dates of delivery up to Aug 16 represent actuals.
- Lot 2 Awarded with FY13 and FY14 funds.
- Lot 3 Awarded with FY14 and FY15 funds.
- Lot 4 Awarded with FY16 funds.
- Lot 5A Awarded with FY17 funds.
- Lot 5B to Award with FY18 funds.

(*) 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 2015 loaded in the month of first delivery.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: 11SPEC / Spectrum Relocation Fund
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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

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	7.993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	7.993
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	7.993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	7.993
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	7.993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	7.993

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

Description:

Funding supports Spectrum Relocation.

Funding for this exhibit contained in PE 0303267F.

Justification:

No FY18 funding requested.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: HAEUAV / RQ-4
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0305220F
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Line Item MDAP/MAIS Code: 252

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	55	-	-	-	-	-	-	-	-	-	-	55
Gross/Weapon System Cost (<i>\$ in Millions</i>)	4,337.054	4.250	12.966	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	4,354.270
Less PY Advance Procurement (<i>\$ in Millions</i>)	667.164	-	-	-	-	-	-	-	-	-	-	667.164
Net Procurement (P-1) (<i>\$ in Millions</i>)	3,669.890	4.250	12.966	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	3,687.106
Plus CY Advance Procurement (<i>\$ in Millions</i>)	667.164	-	-	-	-	-	-	-	-	-	-	667.164
Total Obligation Authority (<i>\$ in Millions</i>)	4,337.054	4.250	12.966	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	4,354.270

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

Initial Spares (<i>\$ in Millions</i>)	88.994	-	-	-	-	-	-	-	-	-	-	88.994
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	78.856	-	-	-	-	-	-	-	-	-	-	79.169

Description:

The RQ-4 Remotely Piloted Aircraft (RPA) provides high altitude, deep look, long-endurance intelligence, surveillance, reconnaissance (ISR), and Ground Moving Target Indicator (GMTI) capability that complements space and other airborne collectors during peacetime, crisis, and war-fighting scenarios. In two related Acquisition Decision Memorandums (ADM) signed by USD (AT&L) in January and June 2011, the RQ-4 program was directed to restructure into four major sub-programs: (1) RQ-4 baseline, (2) Block 30, (3) Block 40, and (4) Ground Segment/Communications System. Additionally, the Air Force created a RQ-4 Preplanned Product Improvement (P3I) for the Airborne Sense and Avoid line item (name has been changed to RQ-4 Common Airborne Sense & Avoid (C-ABSAA)) to accommodate inclusion of required capability to meet warfighter needs beyond those requirements satisfied in the directed sub-programs.

The RQ-4B is the successor to the RQ-4A, and is designed to employ 3,000 pounds of payload and enable multi-intelligence (multi-INT) collecting. The RQ-4B has three configurations: Block 20, Block 30, and Block 40. The Block 20 employs upgraded Synthetic Aperture Radar (SAR) and Electro-Optical/Infrared (EO/IR) sensors - Enhanced Integrated Sensor Suite (EISS) - in an imagery intelligence only configuration. One SAR capable Block 20 remains in the fleet. Additionally, 4 Block 20's have been converted to Battlefield Airborne Communications Node (BACN) of which 3 remain active. These aircraft are not SAR capable. The remaining Block 20 aircraft support test projects for all RQ-4 Blocks. The Block 30 employs the same EISS sensors as the Block 20, and integrates a wide spectrum signals intelligence (SIGINT) sensor, the Airborne Signals Intelligence Payload (ASIP). EISS and ASIP are used simultaneously to create a multi-INT platform. The Block 40 integrates the Multi-Platform Radar Technology Insertion Program (MP-RTIP) radar that has GMTI capability. The ground segment includes the Mission Control Element (MCE) and the Launch Recovery Element (LRE). The support segment includes aerospace ground equipment, tech orders, spares, support equipment, and training to enable operation of the RQ-4 System. The RQ-4 program will incorporate applicable synergies with other platforms, including the U.S. Navy's Triton, and other RPA weapon systems.

No Budget Year FY18 funding requested.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft

P-1 Line Item Number / Title:
HAEUAV / RQ-4

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0305220F

Line Item MDAP/MAIS Code: 252

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 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	RQ-4		A		45 / 3,143.160	- / -	- / -	- / -	- / -	- / -
P-5	GH UAS Support		A		- / 975.682	- / 4.250	- / 12.966	- / -	- / -	- / -
P-5	Ground Segment		A		10 / 218.212	- / -	- / -	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				55 / 4,337.054	- / 4.250	- / 12.966	- / 0.000	- / 0.000	- / 0.000

*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:
No Budget Year FY18 funding requested.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: HAEUAV / RQ-4	Item Number / Title [DODIC]: - / RQ-4

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (<i>Units in Each</i>)	45	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	3,143.160	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	667.164	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	2,475.996	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	667.164	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	3,143.160	-	-	-	-	-

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

Initial Spares (<i>\$ in Millions</i>)	88.994	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	69.848	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Vehicles - UAS Air Vehicle Station Cost																		
Recurring Cost																		
Global Hawk Block 10	46.425	7	324.974	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Global Hawk Block 20	54.463	6	326.777	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Global Hawk Block 30	78.847	21	1,655.795	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Global Hawk Block 40	75.965	11	835.614	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	3,143.160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Vehicles - UAS Air Vehicle Station Cost</i>	-	-	3,143.160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	69.848	45	3,143.160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks:
No Budget Year FY18 funding requested.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: HAEUAV / RQ-4	Item Number / Title [DODIC]: - / GH UAS Support

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	975.682	4.250	12.966	-	-	-
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	975.682	4.250	12.966	-	-	-
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	975.682	4.250	12.966	-	-	-

(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)	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Support - GH UAS Support Cost																		
Site Activation	-	-	4.186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Depot Standup	-	-	155.808	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spares	-	-	557.972	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trainer	-	-	22.232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Contractor Support	-	-	67.108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Support Equipment	-	-	120.539	-	-	0.100	-	-	-	-	-	-	-	-	-	-	-	-
INMARSAT	-	-	7.863	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DMS	-	-	5.630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Procurement / Production Support	-	-	34.344	-	-	2.895	-	-	11.497	-	-	-	-	-	-	-	-	-
PMA Contractor Services	-	-	-	-	-	0.848	-	-	1.200	-	-	-	-	-	-	-	-	-
PMA Other Government Costs	-	-	-	-	-	0.407	-	-	0.269	-	-	-	-	-	-	-	-	-
<i>Subtotal: Support - GH UAS Support Cost</i>	-	-	975.682	-	-	4.250	-	-	12.966	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	-	-	975.682	-	-	4.250	-	-	12.966	-	-	-	-	-	-	-	-	-

Remarks:
No Budget Year FY18 funding requested.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: HAEUAV / RQ-4	Item Number / Title [DODIC]: - / Ground Segment

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (<i>Units in Each</i>)	10	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	218.212	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	218.212	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	218.212	-	-	-	-	-

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

Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	21.821	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 Total		
	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>	Unit Cost <i>(\$ M)</i>	Qty <i>(Each)</i>	Total Cost <i>(\$ M)</i>
Vehicles - Ground Segment Cost																		
Recurring Cost																		
Common Ground Station	21.821	10	218.212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	218.212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Subtotal: Vehicles - Ground Segment Cost</i>	-	-	218.212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost	21.821	10	218.212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks:

No Budget Year FY18 funding requested.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft	P-1 Line Item Number / Title: PRDTB1 / MQ-9
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0205219F	Other Related Program Elements: 0304260F, 0305206F, 0305219F
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Line Item MDAP/MAIS Code: 424

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	290	33	24	-	32	32	-	-	-	-	-	379
Gross/Weapon System Cost (<i>\$ in Millions</i>)	5,084.153	656.428	575.552	117.141	271.080	388.221	95.527	181.517	151.667	204.976	458.062	7,796.103
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	5,084.153	656.428	575.552	117.141	271.080	388.221	95.527	181.517	151.667	204.976	458.062	7,796.103
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	5,084.153	656.428	575.552	117.141	271.080	388.221	95.527	181.517	151.667	204.976	458.062	7,796.103

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

Initial Spares (<i>\$ in Millions</i>)	646.011	129.273	40.943	19.107	-	19.107	71.003	48.015	45.219	37.233	147.919	1,184.723
Flyaway Unit Cost (<i>\$ in Millions</i>)	14.257	17.816	17.616	-	8.221	10.938	-	-	-	-	-	16.594
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	17.532	19.892	23.981	-	8.471	12.132	-	-	-	-	-	20.570

Description:

FY16 funding totals include \$42.5M appropriated for Overseas Contingency Operations.
 FY17 funding totals include \$366.03M appropriated for Overseas Contingency Operations.
 FY18 funding totals include \$271.08M appropriated for Overseas Contingency Operations.

12 Aircraft from FY17 OCO buy will support Government Own Contractor Operated (GOCO) efforts.
 16 Aircraft from FY18 OCO buy will support Government Own Contractor Operated (GOCO) efforts.

MQ-9 Reaper procurement includes all components of the MQ-9 weapon system. The basic MQ-9 Reaper system consists of the aircraft, sensors, a Ground Control Station (GCS), communications equipment, weapon kits, support equipment, simulator and training devices, Readiness Spares Packages (RSP), technical data/training, and personnel required to operate, maintain, and sustain the system. The system is designed to be modular and open-ended. Mission-specific equipment is employed in a plug-and-play mission kit concept allowing specific aircraft and control station configurations to be tailored to fit mission needs. Due to the nature of the platform, all future production requirements may vary based on warfighter necessity and available funding.

The MQ-9 Reaper aircraft is a single-engine, turbo-prop Remotely Piloted Aircraft (RPA) designed to operate over-the-horizon at medium-to-high altitude for long endurance sorties. The aircraft is being designed primarily to prosecute critical emerging Time-Sensitive-Targets (TST) as a radar, Electro-Optical/Infra-Red (EO/IR), and laser designator-based attack asset with on-board hard-kill capability (hunter-killer) while performing Intelligence, Surveillance, Reconnaissance and Target Acquisition (ISR TA). In the hunter-killer role, the aircraft will employ fused multi-spectral sensor information to find, fix, and track ground targets and assess post-strike results using Automatic Target Cuing (ATC), Target Location Accuracy (TLA), Metric Sensor and other capabilities.

The GCS functions as the aircraft cockpit and can control the aircraft from either within Line-of-Sight (LOS) or Beyond Line-of-Sight (BLOS) via a combination of satellite relay and terrestrial communication architectures. The GCS is either mobile to support forward operating locations or fixed at a facility to support Remote Split Operations (RSO). The GCS has the capability to perform mission planning functions; provides a means for manual and/or autonomous command and control; allows personnel to launch, recover, and monitor aircraft, payloads, and system communications status; secure data links to receive payload sensor data and command links; monitor threats to the aircraft; display common operational picture information; and provide support functions. Additionally, a Launch and Recovery GCS (LRGCS) allows for servicing, systems checks, maintaining, launching, and recovering aircraft under LOS control for hand-off to a mobile or fixed GCS. The GCS will continue to evolve and upgrade its capabilities to keep pace with MQ-9 system capabilities, Concept of Operations (CONOPS), and the missions they perform. Near-term upgrades include new LINUX processors, high definition monitors, and ergonomic improvements. Future planned upgrades include integrating improved human-machine interfaces, open systems architecture, improved crew habitability, and multiple aircraft control. Future GCS configurations will leverage

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft		P-1 Line Item Number / Title: PRDTB1 / MQ-9
ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0205219F	Other Related Program Elements: 0304260F, 0305206F, 0305219F
Line Item MDAP/MAIS Code: 424		
<p>the Unmanned Aerospace System (UAS) Command and Control (C2) Initiative (UCI) government-owned open system standard to enable improved capabilities for situational awareness and multi-mission management monitoring and oversight.</p> <p>Flyaway cost subtotal includes GCS, Ground Data Terminals (GDTs), and Predator Primary Satellite Links (PPSLs) which are not procured in the same quantities as aircraft. Thus, the unit flyaway cost will fluctuate from year to year as different quantities of GCSs, GDTs, and PPSLs are procured.</p> <p>Block 50 GCS production initial buys will be used for Tactics, Techniques, and Procedures (TTP) development for the Remotely Piloted Aircraft (RPA) school house and other training units. The initial production of Block 50 was delayed in order to meet a new single Operational Flight Program (OFP) requirement from ACC. Block 30 GCS Production will continue until the Block 50 GCS successfully passes DT/OT and receives a fielding decision.</p> <p>MQ-9s are procured sole-source with General Atomics-Aeronautical Systems Incorporated (GA-ASI). GA-ASI is responsible for the aircraft and Ground Control Station (GCS), The Raytheon Company for the Multi-Spectral Targeting System-B (MTS-B) EO/IR sensor, and L3 Communications for the Operator Simulator and satellite communication (SATCOM) infrastructure components.</p> <p>This program has associated Research Development Test and Evaluation AF funding in PE 0205219F MQ-9 Reaper UAV.</p> <p>Funding for this exhibit contained in PE 0205219F.</p> <p>Funding may be used to address Diminishing Manufacturing Sources (DMS) and Non Recurring Engineering (NRE) issues</p> <p>MQ-9 is Code B because, although the majority of projected procurement is complete, it has not yet completed an In-Process Review (IPR) in lieu of a Full Rate Production (FRP) decision. Initial Operational Test & Evaluation (IOT&E) for the Block 1 aircraft system was completed in March 2009. Follow-on Operational Test & Evaluation (FOT&E) for the Block 5 aircraft system was completed December 2016.</p>		

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 04: Other Aircraft / BSA 5: Other Aircraft

P-1 Line Item Number / Title:
PRDTB1 / MQ-9

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0205219F **Other Related Program Elements:** 0304260F, 0305206F, 0305219F

Line Item MDAP/MAIS Code: 424

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 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	MQ-9	P-5a, P-21	B		290 / 5,084.153	33 / 656.428	24 / 575.552	- / 117.141	32 / 271.080	32 / 388.221
P-40	Total Gross/Weapon System Cost				290 / 5,084.153	33 / 656.428	24 / 575.552	- / 117.141	32 / 271.080	32 / 388.221

*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:

A. Aircraft Production - FY18 "Other Contingency Operations" Funding procures 16 aircraft to support 10 Government Owned, Contractor Operated Combat Lines (CL).

B. Production Support - FY18 funding included in Production Support consists of Engineering Change Orders (ECO) urgent services, and non-recurring production costs associated with diminishing manufacturing sources, reliability and maintenance (R&M), safety enhancements, and higher level initiatives directed by the Air Force.

C. Mobile Ground Control Station & Government Furnished Equipment (GFE) - Mobile Ground Control Stations, used for MQ-9 operations to support the standup, fielding, and sustainment of 60 Combat Lines (CL). This effort procures mobile Ground Control Stations (GCS). The GCS functions as the aircraft cockpit and can control the aircraft from either within line-of-sight (LOS) or beyond LOS (BLOS) via a combination of satellite relay and terrestrial communication architectures. Mobile GCS are used to support Remote Split Operations (RSO) from Continental United States locations, and launch/recovery from forward operating locations. The total quantity and configuration procured is determined by budget and mission requirements.

D. Other Government Costs (OGC) - FY18 funding for OGCs includes direct mission support and Program Management Administration (PMA). PMA includes, but not limited to, program office costs such as Management Information System (MIS) support, travel, training, security, and facility management. In addition, costs for Advisory and Assistance Services (A&AS) for program management, logistics, integration and test, and administration support services are included.

E. Training Device/Simulator - FY18 funding will procure Brief/Debrief Stations, local area network (LAN) cabinets, and other mission requirements to support aircrew training. Simulator quantities are various configurations of Instructor Operator Stations (IOS) with mission coordination capabilities to support aircrew training.

F. Diminishing Manufacturing Sources & Material Solutions (DMSMS) - As required by Diminishing Manufacturing Sources & Material Solutions (DMSMS), MQ-9 will complete Bridge or Life of Type Buys (LOTB), to protect the production lines as long as the such a procurement is more optimal than other DMSMS solutions.

G. Support Equipment - FY18 funding to procure, but not limited to, Test Equipment, Ruggedized Aircraft Maintenance Test Stations (RAMTS) and cooling carts, in support of the aircraft and GCS purchases.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: PRDTB1 / MQ-9	Item Number / Title [DODIC]: - / MQ-9

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	290	33	24	-	32	32
Gross/Weapon System Cost (\$ in Millions)	5,084.153	656.428	575.552	117.141	271.080	388.221
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	5,084.153	656.428	575.552	117.141	271.080	388.221
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	5,084.153	656.428	575.552	117.141	271.080	388.221

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

Initial Spares (\$ in Millions)	646.011	129.273	40.943	19.107	-	19.107
Gross/Weapon System Unit Cost (\$ in Millions)	17.532	19.892	23.981	-	8.471	12.132

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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																		
MQ-9 Reaper Aircraft and GFE ^(f)	11.986	290	3,475.847	13.770	33	454.409	14.106	24	338.541	-	-	-	16.241	16	259.860	16.241	16	259.860
Production Support	-	-	215.919	-	-	18.363	-	-	2.756	-	-	2.617	-	-	3.220	-	-	5.837
Fixed Ground Control Station and GFE	2.707	74	200.321	3.154	15	47.311	-	-	-	-	-	13.506	-	-	-	-	-	13.506
Mobile Ground Control Station and GFE	5.104	4	20.416	3.420	13	44.460	3.420	10	34.200	-	-	-	-	-	-	-	-	-
Dual Ground Control Station and GFE ^(f)	5.303	8	42.421	4.500	3	13.500	7.080	6	42.480	7.080	10	70.800	-	-	-	7.080	10	70.800
Ground Data Terminals	0.338	135	45.693	0.441	9	3.969	-	-	-	-	-	-	-	-	-	-	-	-
Predator Primary Satellite Link (PPSL)	1.115	120	133.782	-	-	5.904	-	-	4.796	-	-	-	-	-	-	-	-	-
<i>Subtotal: Recurring Cost</i>	-	-	4,134.399	-	-	587.916	-	-	422.773	-	-	86.923	-	-	263.080	-	-	350.003
<i>Subtotal: Flyaway - Flyaway End Item Cost</i>	-	-	4,134.399	-	-	587.916	-	-	422.773	-	-	86.923	-	-	263.080	-	-	350.003
Support - Support End Item Cost																		
Other Government Costs (OGC)	-	-	102.802	-	-	16.536	-	-	20.836	-	-	21.418	-	-	-	-	-	21.418
Initial Spares/Deployment Support Kits	-	-	596.372	-	-	0.000	-	-	87.000	-	-	0.000	-	-	-	-	-	0.000
Support Equipment	-	-	181.071	-	-	22.976	-	-	20.930	-	-	8.800	-	-	8.000	-	-	16.800
Training Device/Simulator	2.044	34	69.509	-	-	-	-	-	24.013	-	-	0.000	-	-	-	-	-	0.000

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Exhibit P-5, Cost Analysis: FY 2018 Air Force												Date: May 2017					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5						P-1 Line Item Number / Title: PRDTB1 / MQ-9						Item Number / Title [DODIC]: - / MQ-9					
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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Production Shutdown	-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	-	-	-	0.000
Other OCO	-	-	-	-	-	29.000	-	-	-	-	-	-	-	-	0.000	-	-	0.000
<i>Subtotal: Support - Support End Item Cost</i>	-	-	949.754	-	-	68.512	-	-	152.779	-	-	30.218	-	-	8.000	-	-	38.218
Gross/Weapon System Cost	17.532	290	5,084.153	19.892	33	656.428	23.981	24	575.552	-	-	117.141	8.471	32	271.080	12.132	32	388.221

Remarks:

Ground Control Station (GCS) & GFE - The GCS functions as the aircraft cockpit and can control the aircraft from either within Line-of-Sight (LOS) or Beyond Line-of-Sight (BLOS) via a combination of satellite relay and terrestrial communication architectures. GCSs are used primarily to support Remote Split Operations (RSO) from Continental United States locations. Block 30 GCS procurement begins FY15 and is currently planned through FY17.

Flyaway cost subtotal includes GCS, Ground Data Terminals (GDT), and Predator Primary Satellite Link (PPSL) which are not procured in the same quantities as aircraft. Thus, the flyaway cost will fluctuate from year to year as different quantities of GCSs, GDTs, and PPSLs are procured.

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

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: PRDTB1 / MQ-9	Item Number / Title [DODIC]: - / MQ-9
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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
MQ-9 Reaper Aircraft and GFE ^(†)		2010	GA-ASI / Poway, CA	SS / FFP	AFLCMC Wright Patterson AFB	Jan 2011	Nov 2011	24	10.405	Y		Dec 2009
MQ-9 Reaper Aircraft and GFE ^(†)		2011	GA-ASI / Poway, CA	SS / FFP	AFLCMC Wright Patterson AFB	Dec 2011	Mar 2013	48	10.564	Y		May 2010
MQ-9 Reaper Aircraft and GFE ^(†)		2012	GA-ASI / Poway, CA	SS / FFP	AFLCMC Wright Patterson AFB	Sep 2012	Feb 2014	48	9.909	Y		May 2010
MQ-9 Reaper Aircraft and GFE ^(†)		2013	GA-ASI / Poway, CA	SS / FPIF	AFLCMC Wright Patterson AFB	Oct 2013	Aug 2016	39	12.134	Y		Apr 2012
MQ-9 Reaper Aircraft and GFE ^(†)		2014	GA-ASI / Poway, CA	SS / FPIF	AFLCMC Wright Patterson AFB	May 2015	Nov 2016	23	12.430	Y		Dec 2012
MQ-9 Reaper Aircraft and GFE ^(†)		2015	GA-ASI / Poway, CA	SS / FPIF	AFLCMC Wright Patterson AFB	Aug 2016	May 2018	24	13.367	Y		Dec 2015
MQ-9 Reaper Aircraft and GFE ^(†)		2016	GA-ASI / Poway, CA	SS / FFP	AFLCMC Wright Patterson AFB	Apr 2017	Mar 2019	33	13.770	Y		Jan 2016
MQ-9 Reaper Aircraft and GFE ^(†)		2017	GA-ASI / Poway, CA	SS / FFP	AFLCMC Wright Patterson AFB	Mar 2018	Mar 2020	24	14.106	Y		Dec 2016
MQ-9 Reaper Aircraft and GFE ^(†)	✓	2018	GA-ASI / Poway, CA	SS / FFP	AFLCMC/WI - ISR & SOF	Mar 2019	Mar 2021	16	16.241	Y		Dec 2017
Dual Ground Control Station and GFE ^(†)		2016	GA-ASI / Poway, CA	SS / FFP	AFLCMC Wright Patterson AFB	Jan 2018	May 2019	3	4.500	Y		Oct 2015
Dual Ground Control Station and GFE ^(†)		2017	GA-ASI / Poway, CA	SS / FFP	AFLCMC Wright Patterson AFB	Sep 2018	Feb 2020	6	7.080	Y		Jun 2016
Dual Ground Control Station and GFE ^(†)		2018	GA-ASI / Poway, CA	SS / FFP	AFLCMC Wright Patterson AFB	Sep 2018	Mar 2020	10	7.080	Y		May 2017

^(†) indicates the presence of a P-21

Remarks:

MQ-9 is Code B because, although the majority of projected procurement is complete, it has not yet completed an In-Process Review (IPR) in lieu of a Full Rate Production (FRP) decision. A formal FRP will not be completed due to the de facto production decision provided by continued funding beyond Low Rate Initial Production. Developmental specifications are being used for contracting.

MQ-9 Aircraft

Four (4) of the thirty-three (33) FY16 aircraft were purchased using OCO funding
 Twenty-four (24) FY17 aircraft were purchased using OCO funding.
 Sixteen (16) FY18 aircraft will be purchased using OCO funding.

Ground Control Stations

Sixteen (16) FY18 aircraft will be purchased using OCO funding.

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date: May 2017**

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** PRDTB1 / MQ-9 **Item Number / Title [DODIC]:** - / MQ-9

Cost Elements <i>(Units in Each)</i>					Fiscal Year 2011													Fiscal Year 2012													BALANCE		
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2010	BAL DUE AS OF 1 OCT	Calendar Year 2011													Calendar Year 2012													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			
MQ-9 Reaper Aircraft and GFE																																	
Prior Years Deliveries: 84																																	
	1	2010	AF ⁽¹⁾	24	0	24																							0				
	1	2011	AF ⁽²⁾	48	0	48																							48				
	1	2012	AF ⁽³⁾	48	0	48																							48				
	1	2013	AF	39	0	39																							39				
	1	2014	AF	23	0	23																							23				
	1	2015	AF	24	0	24																							24				
	1	2016	AF	33	0	33																							33				
	2	2017	AF	24	0	24																							24				
✓	2	2018	AF	16	0	16																							16				
Dual Ground Control Station and GFE																																	
Prior Years Deliveries: 8																																	
	3	2016	AF	3	0	3																							3				
	3	2017	AF	6	0	6																							6				
	3	2018	AF	10	0	10																							10				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** PRDTB1 / MQ-9 **Item Number / Title [DODIC]:** - / MQ-9

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2013												Fiscal Year 2014												BALANCE	
O C O	M F R #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	Calendar Year 2013												Calendar Year 2014												
							O C T	N O V	D E C	J A N	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
MQ-9 Reaper Aircraft and GFE																															
Prior Years Deliveries: 84																															
	1	2010	AF ⁽¹⁾	24	24	0																							0		
	1	2011	AF ⁽²⁾	48	0	48	-	-	-	-	-	48																	0		
	1	2012	AF ⁽³⁾	48	0	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	-	-	-	-	-	-	5		
	1	2013	AF	39	0	39											A	-	-	-	-	-	-	-	-	-	-	-	39		
	1	2014	AF	23	0	23																						23			
	1	2015	AF	24	0	24																						24			
	1	2016	AF	33	0	33																						33			
	2	2017	AF	24	0	24																						24			
✓	2	2018	AF	16	0	16																						16			
Dual Ground Control Station and GFE																															
Prior Years Deliveries: 8																															
	3	2016	AF	3	0	3																						3			
	3	2017	AF	6	0	6																						6			
	3	2018	AF	10	0	10																						10			
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	

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Exhibit P-21, Production Schedule: FY 2018 Air Force															Date: May 2017														
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5										P-1 Line Item Number / Title: PRDTB1 / MQ-9										Item Number / Title [DODIC]: - / MQ-9									

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

MQ-9 Reaper Aircraft and GFE

Prior Years Deliveries: 84																													
1	2010	AF ⁽¹⁾	24	24	0																							0	
1	2011	AF ⁽²⁾	48	48	0																							0	
1	2012	AF ⁽³⁾	48	43	5	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2								0	
1	2013	AF	39	0	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	3	25
1	2014	AF	23	0	23								A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	
1	2015	AF	24	0	24																					A	-	24	
1	2016	AF	33	0	33																							33	
2	2017	AF	24	0	24																							24	
✓ 2	2018	AF	16	0	16																							16	

Dual Ground Control Station and GFE

Prior Years Deliveries: 8																												
3	2016	AF	3	0	3																							3
3	2017	AF	6	0	6																							6
3	2018	AF	10	0	10																							10

O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P
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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date: May 2017**

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** PRDTB1 / MQ-9 **Item Number / Title [DODIC]:** - / MQ-9

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			
MQ-9 Reaper Aircraft and GFE																																	
Prior Years Deliveries: 84																																	
	1	2010	AF ⁽¹⁾	24	24	0																							0				
	1	2011	AF ⁽²⁾	48	48	0																							0				
	1	2012	AF ⁽³⁾	48	48	0																							0				
	1	2013	AF	39	14	25	3	3	2	2	3	3	3	3															0				
	1	2014	AF	23	0	23	-	3	3	3	3	3	2	-	-	-	-	3	2	1									0				
	1	2015	AF	24	0	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	9			
	1	2016	AF	33	0	33							A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33				
	2	2017	AF	24	0	24																		A -	-	-	-	-	24				
✓	2	2018	AF	16	0	16																							16				
Dual Ground Control Station and GFE																																	
Prior Years Deliveries: 8																																	
	3	2016	AF	3	0	3																							3				
	3	2017	AF	6	0	6																							6				
	3	2018	AF	10	0	10																							10				
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P			

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** PRDTB1 / MQ-9 **Item Number / Title [DODIC]:** - / MQ-9

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			
MQ-9 Reaper Aircraft and GFE																																	
Prior Years Deliveries: 84																																	
	1	2010	AF ⁽¹⁾	24	24	0																						0					
	1	2011	AF ⁽²⁾	48	48	0																						0					
	1	2012	AF ⁽³⁾	48	48	0																						0					
	1	2013	AF	39	39	0																						0					
	1	2014	AF	23	23	0																						0					
	1	2015	AF	24	15	9	3	3	3																			0					
	1	2016	AF	33	0	33	-	-	-	-	-	3	3	3	3	3	3	3	3	3	3	3						0					
	2	2017	AF	24	0	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	3	3	1	8				
✓	2	2018	AF	16	0	16						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16					
Dual Ground Control Station and GFE																																	
Prior Years Deliveries: 8																																	
	3	2016	AF	3	0	3	-	-	-	-	-	-	-	1	1	1												0					
	3	2017	AF	6	0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	1	1	0				
	3	2018	AF	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	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: FY 2018 Air Force **Date: May 2017**

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5 **P-1 Line Item Number / Title:** PRDTB1 / MQ-9 **Item Number / Title [DODIC]:** - / MQ-9

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			

MQ-9 Reaper Aircraft and GFE

Prior Years Deliveries: 84																											
1	2010	AF ⁽¹⁾	24	24	0																						0
1	2011	AF ⁽²⁾	48	48	0																						0
1	2012	AF ⁽³⁾	48	48	0																						0
1	2013	AF	39	39	0																						0
1	2014	AF	23	23	0																						0
1	2015	AF	24	24	0																						0
1	2016	AF	33	33	0																						0
2	2017	AF	24	16	8																						8
✓ 2	2018	AF	16	0	16	-	-	-	-	-	2	3	3	3	2	2	1										0

Dual Ground Control Station and GFE

Prior Years Deliveries: 8																														
3	2016	AF	3	3	0																						0			
3	2017	AF	6	6	0																						0			
3	2018	AF	10	8	2	2																					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

UNCLASSIFIED

Exhibit P-21, Production Schedule: FY 2018 Air Force **Date: May 2017**

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 04 / 5	P-1 Line Item Number / Title: PRDTB1 / MQ-9	Item Number / Title [DODIC]: - / MQ-9
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)								
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	GA-ASI - Poway, CA				0	0	0	0	0	0	0	0	0
2	GA-ASI - Poway, CA	16	24	48	0	18	24	42	0	0	0	0	0
3	GA-ASI - Poway, CA	10	18	36	0	12	18	30	0	0	0	0	0

Remarks:
MQ-9 Reaper Aircraft: This effort will procure Block 5 MQ-9 Reaper aircraft and associated MTS-B Electro-Optical/Infra-Red (EO/IR) sensors, Lynx Synthetic Aperture Radar (SAR) sensors, and Hellfire launchers and rails.

The FY12 aircraft production took longer than twelve (12) months due to the Block 1 to Block 5 aircraft production line conversion, and the Accelerated Extended Range JUON production cut-in.

Due to FOT&E compliance discussions, the FY13 aircraft did not begin delivery until August 2016. This further led to a delay in negotiations for the FY15 aircraft buy, causing a four (4) month production break. This production break is captured in the FY14 funding that was utilized in the FY15 aircraft buy. FY14 funding was utilized on the FY15 aircraft buy to accelerate the FY18 requirement.

"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 2015 loaded in the month of first delivery.
(2) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2015 loaded in the month of first delivery.
(3) Prior Year contracts with undelivered assets have all deliveries occurring before Oct 2015 loaded in the month of first delivery.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 06: Aircraft Spares and Repair Parts / BSA 10: Aircraft Spares and Repair Parts	P-1 Line Item Number / Title: 000999 / Initial Spares/Repair Parts
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ID Code (A=Service Ready, B=Not Service Ready):	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	587.181	807.091	1,041.569	129.450	1,171.019	1,021.094	941.868	877.244	948.545	-	6,354.042
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	587.181	807.091	1,041.569	129.450	1,171.019	1,021.094	941.868	877.244	948.545	-	6,354.042
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	587.181	807.091	1,041.569	129.450	1,171.019	1,021.094	941.868	877.244	948.545	-	6,354.042

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

Description:

FY 2017 funding totals include \$25.600M appropriated for Overseas Contingency Operations.

Program Description: Aircraft Initial Spares are required to fill the initial pipeline or inventory for all new aircraft systems, including modifications, support equipment, and other production categories. Initial spares include peculiar repairable and consumable components, assemblies, and sub-assemblies that must be available for issue at all levels of supply in time to support newly fielded end items.

The following Major Defense Acquisition Programs (MDAP) have funding in this line:

- F-35,198
- FAB-T, 199
- V-22, 212
- B-2 EHF Inc I, 224
- AWACS UPGRADE, 277
- KC-46A, 387
- MQ-9 UAS Reaper, 424
- F-22 Inc 3.2B Mod, 474
- F-15 EPAWSS, 485
- RQ-4A/B Global Hawk, 252

Initial spares are funded in the two program segments described below.

Working Capital Fund (WCF) Spares. Since FY 1994, some programs have used obligation authority in the WCF to procure initial spares. When the spares are delivered this central procurement account will reimburse the WCF. Types of spares in this program segment are Readiness Spares Packages, New Acquisition Spares, Modification Spares, Support Equipment, Other Production, and Consumables.

Exempt Spares. This program segment finances spares that are not purchased through the WCF. The budget authority is a direct cite on the contract. Types of spares in this program segment are Whole Spare Engines, Whole Spare Quick Engine Change Kits, Contractor Logistics Support, Simulators/Trainers, New Acquisition Spares, Modification Spares, Support Equipment, Classified Equipment, and Munitions.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 06: Aircraft Spares and Repair Parts /
 BSA 10: Aircraft Spares and Repair Parts **P-1 Line Item Number / Title:**
 000999 / Initial Spares/Repair Parts

ID Code (A=Service Ready, B=Not Service Ready): **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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-18	Initial Spares/Repair Parts			224 212 277 265 198 199 387 424 252	- / -	- / 587.181	- / 807.091	- / 1,041.569	- / 129.450	- / 1,171.019
P-40	Total Gross/Weapon System Cost				- / -	- / 587.181	- / 807.091	- / 1,041.569	- / 129.450	- / 1,171.019

Title represents the P-18 Title for Spares.

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

Justification:
 In FY 2018, the funding request for F-35 and KC-46A Tanker Squadrons have large initial spares requirements in preparation for fielding.

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Exhibit P-18, Initial and Replenishment Spare and Repair Parts Justification: FY 2018 Air Force					Date: May 2017	
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 06 / 10		P-1 Line Item Number / Title: 000999 / Initial Spares/Repair Parts			Title: Initial Spares/Repair Parts	
End Item Line Item Number / Name [MDAP/MAIS]	Prior Years (\$ M)	FY 2016 (\$ M)	FY 2017 (\$ M)	FY 2018 Base (\$ M)	FY 2018 OCO (\$ M)	FY 2018 Total (\$ M)
Initial						
BA 06 - Aircraft Spares and Repair Parts						
10TRGT / Aerial Targets	-	0.537	0.595	0.596	0.000	0.596
DARP01 / Airborne Reconnaissance Systems	-	5.342	2.905	0.216	0.000	0.216
OTHACF / Precision Attack Systems Procurement	-	0.000	1.445	3.284	0.000	3.284
71 / Automated Test Systems	-	0.366	0.000	0.000	0.000	0.000
B01B00 / B-1B Squadrons	-	16.543	7.429	7.806	0.000	7.806
B00200 / B-2 Squadrons [224]	-	0.000	2.187	4.911	0.000	4.911
B05200 / B-52 Squadrons	-	7.485	5.505	5.423	0.000	5.423
C13000 / C-130 Airlift Squadron	-	0.000	0.000	2.814	0.000	2.814
C01700 / C-17 Aircraft (IF)	-	13.970	9.400	73.248	0.000	73.248
OTHACF / C2ISR Tactical Data Link	-	0.239	0.000	0.000	0.000	0.000
C00500 / C-5 Airlift Squadrons (IF)	-	0.000	3.048	2.172	0.000	2.172
OTHACF / Combat Developments	-	0.154	0.147	0.151	0.000	0.151
CALL00 / Compass Call	-	10.128	50.172	10.228	0.000	10.228
OTHACF / Combat Training Range Equipment	-	1.995	0.000	0.000	0.000	0.000
V022A0 / CV-22 [212]	-	2.731	0.882	0.241	0.000	0.241
11U200 / Dragon U-2	-	0.971	0.673	0.000	3.900	3.900
E00300 / Airborne Warning and Control System (AWACS) [277]	-	15.616	22.061	23.539	0.000	23.539
E00400 / E-4B National Airborne Operations Center (NAOC)	-	0.000	5.338	1.072	0.000	1.072
F01500 / F-15A/B/C/D Squadrons	-	14.234	22.258	0.909	0.000	0.909
F01500E / F-15E Squadrons	-	6.886	27.218	14.883	0.000	14.883
F01600 / F-16 Squadrons	-	0.472	2.059	14.417	0.000	14.417
F02200 / F-22A Squadrons [265]	-	2.945	5.164	8.538	0.000	8.538
ATA000 / F-35 Squadrons [198]	-	229.582	362.792	320.831	0.000	320.831
FBLOST / Family of Advanced BLoS Terminals (FAB-T) [199]	-	3.235	3.561	1.343	0.000	1.343
OTHACF / Full Combat Mission Training	-	0.279	0.214	0.219	0.000	0.219
H06000 / Combat Rescue HH-60	-	2.185	2.289	1.861	0.000	1.861
C01000 / KC-10s	-	0.931	0.089	0.067	0.000	0.067
C13500 / KC-135S	-	7.769	5.733	0.000	0.000	0.000
KC046A / KC-46A Tanker Squadrons [387]	-	52.965	172.183	413.373	0.000	413.373
PRDT01 / MQ-1 Predator A UAV	-	1.413	0.949	0.058	0.000	0.058

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Exhibit P-18, Initial and Replenishment Spare and Repair Parts Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 06 / 10	P-1 Line Item Number / Title: 000999 / Initial Spares/Repair Parts	Title: Initial Spares/Repair Parts
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End Item Line Item Number / Name [MDAP/MAIS]	Prior Years (\$ M)	FY 2016 (\$ M)	FY 2017 (\$ M)	FY 2018 Base (\$ M)	FY 2018 OCO (\$ M)	FY 2018 Total (\$ M)
PRDTB1 / MQ-9 UAV [424]	-	133.588	40.943	48.693	125.550	174.243
JPATS0 / New AETC Aircraft Systems	-	0.875	0.000	2.046	0.000	2.046
C02500 / VC-25	-	0.248	0.139	0.242	0.000	0.242
DARP01 / Manned Reconnaissance Systems	-	51.958	47.734	49.475	0.000	49.475
HAEUAV / RQ-4 UAV [252]	-	0.832	1.249	28.913	0.000	28.913
T00100 / Undergraduate Pilot Training (UPT)	-	0.707	0.730	0.000	0.000	0.000
Subtotal: Initial	-	587.181	807.091	1,041.569	129.450	1,171.019
Total Cost (Initial + Replenishment)	-	587.181	807.091	1,041.569	129.450	1,171.019

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	22.706	33.716	158.755	75.846	25.417	101.263	77.634 ^(a)	101.636 ^(b)	112.709 ^(c)	118.880 ^(d)	193.007	920.306 ^(e)
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	22.706	33.716	158.755	75.846	25.417	101.263	77.634	101.636	112.709	118.880	193.007	920.306
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	22.706	33.716	158.755	75.846	25.417	101.263	77.634	101.636	112.709	118.880	193.007	920.306

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

Description:

This program provides funding for the procurement of replacement organizational and intermediate level support equipment for out-of-production aircraft. These items, common (used on more than one weapon system) and peculiar (unique to one weapon system), directly support aircraft maintenance, servicing, and sortie generation requirements. These replacement requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system and directly contribute to aircraft availability and mission readiness. Items requiring replacement typically range in age from 10 to 35 years old. As a result, this equipment suffers frequent failures, is uneconomical to repair, and requires spare parts that are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating constraints. Items of equipment budgeted within this program include (but not limited to): avionics test stations, miscellaneous aerospace ground equipment of low dollar amounts, aircraft maintenance stands, air conditioners and heaters, aerial stores lift trucks (jammers) and weapon loading adapters, ammunition loaders and munitions assembly conveyors, small and large munitions trailers, flight line generators and secondary power systems, electronic test sets, propulsion and base support equipment, calibration, optical and ancillary testers, and automatic test systems. These items support multiple Air Force weapon systems. Failure to procure these items will negatively affect mission capable rates, increase maintenance costs, and increase sortie turn times.

SUPPORT EQUIPMENT PROGRAMS

Flight Line Air Conditioners

The Flight Line Air Conditioner program will procure a combination of large and small, high and low pressure deployable air conditioners in support of all aircraft in the Air Force inventory. Its purpose is to provide conditioned air for supporting pre-flight activities and ground maintenance efforts for electronic laden aircraft supporting radar, avionic, and telemetry systems. The ACU-808 large air conditioners will replace three legacy systems (approx. 400 units): ACE802, PD-501 and DAC-110. The ACU-302 and Thor 200 small air conditioners will replace 5 legacy systems (approx. 2,400 units): TUG AC-25D, MA-3D, C-5, C-19, and C-10D. Operational assessments determined that legacy air conditioners were not performing to their specified operating temperatures. These air conditioners are exceeding their twenty year life expectancy. The age of this equipment, high temperatures, and other environmental conditions in the Middle East have caused legacy air conditioners to fail, affecting operational readiness and jeopardizing critical missions. Due to obsolescence, continued modification of legacy equipment is not feasible and/or cost prohibitive. Lack of dependable air conditioning equipment continues to cause operational impacts such as rescheduling maintenance activities to nighttime operations or delaying sorties in order to avoid overheating of critical electronic warfare/avionics systems and personnel. Consequently, the warfighter has established a critical need for large and small Flight-Line Air Conditioner replacement programs.

Aircraft Replacement Support Equipment Mods

The legacy munitions handling units (MHU) program consists of the MHU-196/M and MHU-204/M. These MHUs are unsustainable due to parts obsolescence and are experiencing uncommanded responses due to antiquated electronic and hydraulic systems as identified in the requirements documents (AF IMT 1067, Modification Proposals, Air Combat Command (ACC) 09-175 and ACC 09-176). The MHUs will be

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>replaced by the modified MHU-196A/M and MHU-204A/M units. This program will extend the service life by assessing the structural integrity and repairing the legacy control and power system. The depot, OO-ALC, is expanding their facility production and investing in additional space, support equipment and manpower as part of depot activation. Program also alleviates part obsolescence and addresses diminishing manufacturing sources. Total non-recurring cost are for the depot activation: facilities, support equipment, and other support as required. The munitions lift trailers have met and exceeded the original service life of 20 years, and this effort is to provide an additional 20 years of service. For depot activation, PMA funding may be used for contract services in support of program office requirements, program office operations and program travel requirements. Group A kits are not required; all components parts are/will be stock listed, either by the Program Management Office, Defense Logistics Agency (DLA) and/or the Air Force Sustainment Center (AFSC). Assets are used in support of nuclear and conventional operations. Air Force Global Strike Command (AFGSC) requested a production time line of 8 years. In order to meet this, additional funding is required for depot activation. Activities in FY18 and FY19 will move to APPN 3010, BP12, Other Production Charges, to reflect the organic depot overhaul program direction.</p> <p>Hydraulic Servicing Equipment The Hydraulic Servicing Equipment program will recapitalize over 44 legacy variants of hydraulic test stands in inventory. The universal hydraulic test stand (UHTS) comes in electric and diesel, 2-system and 3-system configurations, depending on aircraft and maintenance requirements. The universal hydraulic test stand (UHTS) provides pressure to aircraft hydraulic systems without running expensive engines and adds on-board hydraulic fluid purification capability to eliminate the need for standalone purifiers. To reduce the cost of ownership, simplify life cycle sustainment and improve global operations, the diesel and electric 2-system and 3-system variants share an 80-90% parts commonality and was designed with maintenance in mind. Legacy aircraft are challenged by parts obsolescence. The UHTS cleans hydraulic fluid to a higher purity than received from the manufacturer, drastically reducing the wear and tear and early age-out of aircraft component parts increasing aircraft availability and mission readiness.</p> <p>Aerial Stores Lift Trucks The Aerial Stores Lift Trucks program will recapitalize the fleet of 3,000 and 7,000 lbs class munitions loaders in the Air Force inventory with electric and diesel variants. Its purpose is to provide a safe, expedited, and reliable means of integrating munitions to the aircraft. The MJ-1 is an air transportable, nuclear-certified lift vehicle used to transport, load, and unload stores, including munitions, fuel tanks, and pylons, suspension equipment, and ammunition weighing up to 3,000 pounds onto/into the aircraft. The MHU-83 is an air transportable, nuclear-certified hydraulically operated lift vehicle used to load conventional and nuclear weapons up to 7,000 lbs. Both vehicles can be configured with a diesel engine for persistent flight line operations or electric motor to support loading of munitions in enclosed areas without exhaust health concerns. The new MHU-83 and MJ-1 systems will replace the legacy fleet of MJ-40, MHU-174, and 8 obsolete variants of the MHU-83 and MJ-1C. The current fleet of legacy lift trucks exceed their 20 year design life and are suffering from numerous obsolescence and supportability issues. Current one-time depot overhaul lines can not refurbish legacy systems in sufficient quantities to meet war fighter demands and serves only as a stopgap measure until recapitalization is complete. An already significantly aged fleet will continue to age leading to impacts to the operational tempo of the War fighter. Additionally this places a greater demand on the integrated product team (IPT) to source parts for an end item that was manufactured twenty to thirty years ago. Parts obsolescence continues to be a major concern for the future the 3,000 and 7,000 lbs lift vehicles.</p> <p>Small Munitions Trailers RECAP (MHU-110/141) The program provides funding for the fleet wide replacement of the legacy MHU-110 and MHU-141 munitions trailers. These munitions trailers are on average 35 years old, representing nearly 2-times their design life. As a result, these trailers face parts obsolescence and are uneconomical to repair. The MHU-110v2 munitions trailer will be a flatbed carrier capable of transporting conventional munitions with the load up to 15,000 pounds. The MHU-141v2 munitions trailer will be a flatbed carrier that is nuclear certified and capable of transporting munitions with the load up to 8,400 pounds conventional and 5,600 nuclear. Both munitions trailers are designed for temporary storage and transport of a variety of munitions and stores to support fighters and bombers in the USAF inventory. Due to similarity in form and function between the MHU-110v2 and 141v2 trailers, they will both be procured under one program effort. PMA funds will support travel requirements to meet contractual obligations. Impact Statement: An already significantly aged fleet will continue to age leading to impacts to the operational tempo of the War fighter. Additionally this places a greater demand on the integrated product team (IPT) to source parts for an end item that was manufactured twenty to thirty years ago. Parts obsolescence continues to be a major concern for the future of the 110 and 141. Based on an economic analysis, conducted by the Acquisition Cost Divisions on Robins AFB, O&M cost to the field from FY12-31 is expected to be approximately \$333,468,790. The total cost to replace the legacy fleet over the next ten years would be approximately \$240,000,000.</p> <p>AUTOMATIC TEST SYSTEMS PROGRAMS B-1B Advanced Radar/Electronic Warfare Test Station (ARTS) The Advanced Radar/Electronic Warfare Test Station (ARTS) replaces 1970s vintage Radar/Electronic Warfare (REW) test stations and the Defensive Avionics Augmentation Equipment (DAAE). ARTS is a fully automated, programmable, stimulus generating, response measuring, intermediate automatic test equipment that will checkout, align, and fault isolates 21 avionics Line Replaceable Units (LRUs). ARTS interfaces to the LRU's via Test Program Sets (TPS). TPS's are required to perform the automated testing and faults isolation of the Unit Under Test (UUT). A TPS consists of test software, an Interface Adapter (ITA), cables used to connect the ITA to UU, and supporting documentation. This test station supports B-1B Radar/Electronic Warfare LRUs, and ultimately impacts B-1B mission capability for Global</p>		

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>Attack missions. Failure to provide funding for ARTS will reduce B-1B mission capability due to non-availability of serviceable assets. The Automatic Test Equipment (ATE) presently supporting B-1B LRU troubleshooting and repair is no longer supportable due to diminished manufacturing sources and obsolescence caused by the age of the equipment. The average REW and DAAE mission capable rate is 67%.</p> <p>Common Aircraft Portable Reprogramming Equipment (CAPRE) Common Aircraft Portable Reprogramming Equipment (CAPRE) replaces the Digital Computer System and 11 Program Loader Verifier devices in organizational and intermediate level shops. CAPRE reprograms aircraft computer software, updates threat data in electronic warfare pods, performs aircraft diagnostic troubleshooting, and supports automated technical orders. CAPRE consists of a mobile maintenance terminal, cables, interface modules, software, and Aircraft Adapter Groups (AAGs). Critical to CAPRE are the AAGs. AAGs connect CAPRE laptops, test equipment, and Line Replaceable Units (LRU) on support weapon systems. There are 10 to 26 AAGs required per CAPRE, depending on the aircraft type. Each AAG contains unique cables, connectors, interface module hardware, and software to support reprogramming LRUs. Each shop/location/platform utilizing the aircraft system requires AAGs. Mission-critical Operational Flight Programs (OFPs) and mission data files are downloaded to the CAPRE laptop for the secure bulletin board and over secure telephone units. Personnel then transport CAPRE to the weapon system and use AAGs to upload files to avionics/electronic warfare computers. The CAPRE supports the following weapon systems: A-10, B-1, B-52, C-5, C-17, C-130, CV-22, F-15, F-16, H-60, and KC-46. CAPRE is the preferred MLV for the Air Force.</p> <p>Common Operational Level Tester (COLT) COLT is used on B-2 and F-22 weapon systems and is Nuclear Certified. The Common Operational Level Tester (COLT) is a multiple application-based tester that allows the Air Force maintainers to perform maintenance task to verify the operational capability of aircraft armament and stores management systems/subsystems and armament components. It includes the tester unit, ancillary equipment and related software program, data and documentation. Funding for this effort will allow all obsolescent items within the tester to be updated. It also will allow updating of the software to meet Authority to Operate (ATO) conditions set in the Plan of Actions and Milestones that is coordinated with the COLT Authorizing Official.</p> <p>F-15 Secondary Power Source Test Set (SPSTS) The F-15 Secondary Power System Test Set (SPSTS) provides organizational level fault isolation testing of the F-15C/D/E landing gear, secondary power systems, and engine starting system. The F-15 SPSTS will reduce retraction cycles from 3 to 1. It will allow test procedures to become automated and decreases maintenance time up to 50 percent. The SPSTS will replace a legacy test system that is obsolete and no longer supportable. Impact if not funded: There will be reduced testing capacity and increased maintenance cost associated with extended cycle time man-hours for F-15C/D/E models. The central gear box and jet fuel starter have been the top MICAP drivers for the F-15 in the past. There is currently no tester available that can test the modified secondary power system since the F-15 upgrade with the installation of upgraded Jet Fuel Starter/Ground Control Unit (JFS/GCU) wiring group A into F-15C/D aircraft. There are 21 critical backorders at this time and a total of 43.</p> <p>Joint Service Electronic Combat Systems Tester (JSECST) The Joint Service Electronic Combat Systems Tester (JSECST) provides an organizational level (O-level) flight line capability for verifying the operational status of aircraft installed Electronic Combat (EC) systems including their associated installed antennas, transmission lines, radomes, cockpit displays, controls and EC suite communication buses. It also provides EC system malfunction diagnostics. The JSECST provides end-to-end (ETE) functional testing to determine the status of EC system installed in or on operational aircraft. It automatically determines the go/no-go status of the EC system with minimal technician interaction. In cases where the EC system has a critical fault, the JSECST detects the critical failure, identifies the ETE test that failed, and provides the diagnostics to isolate the failed aircraft transmission line path/component or line replaceable unit (LRU). The JSECST can be operated in automatic or manual mode to provide identification and isolation of failed EC systems. This equipment support Air Force weapon systems A-10, F-15, and F-16 aircraft. Failure to procure this item would compromise the safety of more than 53 units supporting A-10s, CV-22, F-15s, and F-16s. The JSECST is a defensive system tester, equipping the warfighter with safe and fully functional electronic combat systems.</p> <p>Versatile Diagnostic Automatic Test Station (VDATS) Versatile Diagnostic Automatic Test Station (VDATS) is a tester that is used for maintenance and testing of advanced avionics components that supports multiple aircraft platforms and systems. Initially, VDATS was developed to reduce Automatic Test Systems (ATS) proliferation by standardizing depot avionics test stations. VDATS has been named the first Air Force Family of testers. As a family of testers which standardized ATS support within the Air Force, VDATS now supports intermediate level ATS requirements. VDATS has flexible hardware and software architectures that are fully expandable and tailorable. VDATS provides workload transportability and increased sustainability through common commercial components with latest technologies and open architecture design. The system has a Commercial Off The Shelf (COTS) System of Automatic Test Equipment (ATE), with architecture and Virtual Modular Equipment (VME) Extensions for Instrumentation (VXI) technology. Using standardized commercial components on VDATS reduces the number of diverse components which eases sustainability and obsolescence management allowing production units to run on any VDATS of the same configuration utilizing interface test adapters and test program sets. The equipment within the VDATS family of tester is the Digital Analog, Radio Frequency and Calibration Equipment. VDATS Digital Analog (DA-1) is the standard configuration.</p>		

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		
<p>It includes the Cross Point Matrix (CPM) which provides a true hybrid test capability to the Test Program Set (TPS) developer and provides the switching technology required to connect any digital pin on VDATS to the appropriate analog instrumentation without additional ITA complexity. VDATS Digital Analog (DA-2) is the standard DA-1 configuration with additional Hybrid/Digital pins. VDATS Radio Frequency (RF-1) is used to test systems with RF requirements and will work with either DA configuration. The RF-1 is not stand-alone. VDATS Tech Refresh will support updates to the VDATS System Integration Laboratory (SIL) requirements. This effort will consist of future instruments updates, Interface Test Adapters (ITAs), testing, technical data, and overall station software support. Station software includes all applications necessary for complete station operations with all associated drivers and ADE. As additional unit under test (UUT) requirements are identified, the SIL will provide a means to verify suggested instrument modifications to the VDATS configurations. Instrument requirements over and above the current VDATS configuration will be tested and approved to ensure commonality among customers. This would include, but not be limited to, the current digital and radio-frequency (RF) test capability and any future capability enhancements deemed necessary to support future test requirements, as well as, any other sub-system or instrumentation that will contribute to the continuous overall functionality of the VDATS as a family of testers. VDATS Calibration Equipment consists of the standard Portable Automatic Test Equipment Calibrator with unique augmentation and self-test. The VDATS requirements are to support system repairs, testing and development of test program sets (TPS). Modern combat missions rely on rapid repair of the Unit Under Test (UUT). Without VDATS, testing and repair of system assets will be hampered. Therefore, aircraft mission capabilities rates are degraded, rapid response to combat mission is impeded and risk of mission failure and possible loss of aircraft substantially increases.</p> <p>The ATS described in this document were evaluated/approved by the ILCM executive agent for the Automatic Test Systems (ATS) and are in line with the USAF ATS objective. The ATS program office is focused on reducing weapon system unique ATS through replacement with a Common Versatile ATS testers that can perform similar testing across multiple weapon system platforms. The ATS Program Management Office ensures collaborative requirements planning on new ATS fielding to reduce proliferation of new weapon system unique ATS.</p> <p>The ATS portfolio consists of 7,775 individually configured pieces of test equipment. The ATS division is responsible for the modernization, sustainment and recapitalization of this equipment. Included in this portfolio are 6 nuclear certified testers. They are B-2 & B-52 Electronic Systems Test Set (ESTS), B-2 Common Organizational Level Tester (COLT), B-52 Multi-Use Systems Tester Armament Next Generation (MUSTANG), F-15 Armament Testers (T-198 & T-199), F-16 Aircraft Circuits Preload Test Set (ACPTS), and F-16 Stores System Tester (SST).</p> <p>Requirement for cyber security: Increased emphasis and new direction regarding cyber security of off-network information systems (platform information technology, PIT) is driving the requirement to perform certification and accreditation (C&A) of new and legacy Automatic Test Systems (ATS) in order to obtain an authority-to-operate (ATO) for the system. The new requirement to perform C&A on PIT involves an analysis of system architecture and a subsequent risk-based assessment of vulnerabilities. A mitigation plan for identified vulnerabilities is developed resulting in a Plan of Action and Milestones (POAM) for the system. This is an engineering intensive activity.</p> <p>SUPPORT EQUIPMENT AND AUTOMATIC TEST SYSTEMS Items Less Than \$5M The Items Less Than \$5 Million line procures replacement organizational and intermediate (common and peculiar) support equipment for out-of-production aircraft. Common items (used on more than one weapon system) and peculiar items (unique to one weapon system) directly support aircraft maintenance and servicing requirements. These replacement items ensure continuation of serviceable equipment over the life of a weapon system, and consist of over 2,800 national stock numbered (NSN) items as well as numerous items which are non-stock listed (NSL). Items for procurement include, but are not limited to, ammunition loaders, test adapter kits, transponder test sets, Common Munitions Built-in Test Reprogramming Equipment (CMBRE), Bomber Armament Tester (BAT), universal maintenance stands, 250kW motor generators, universal hydraulic test stands, munitions trailers, etc. These programs require Program Management Administration (PMA) for TDY and other government costs associated with program/contract required activities.</p> <p>C-17 CONVERSION PE54214f - C-17 Strategic Airlift Squadrons (AFR-EQ): \$37M is required in FY17 to procure support equipment at Pittsburgh IAP ARS for 8 C-17 aircraft transferring from Air Force Active-Duty Backup Aircraft Inventory (BAI) to the Air Force Reserve as Primary Aircraft Authorization (PAA); the support equipment needs to be procured as it's not being transferred with the C-17 aircraft. This FY17 action is a part of the Air Force's Rapid Global Mobility (RGM) Force Mix Option (FMO) Delta (or RGM FMO-D) that mitigates the retirement of C-130H aircraft at Pittsburgh IAP ARS with transferred C-17 aircraft. PE54121f required for an Air National Guard unit gaining C-17 aircraft as a part of RGM FMO-D to mitigate the retirement of Air National Guard C-130H aircraft.</p> <p>In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.</p>		

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment		P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0202834F	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

Funding in this exhibit contained in PECs: 0202834F, 0502844F, and 0701212F.

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022
AF	Quantity	40	272	196	401	597	16	8	4	0
	Total Obligation Authority	33.257	152.629	70.817	25.417	96.234	10.539	24.347	21.990	19.369
AFNG	Quantity	1	23	16	0	16	1	1	1	1
	Total Obligation Authority	0.459	6.126	3.850	0.000	3.850	0.635	0.647	0.660	0.673
AFR	Quantity	0	0	8	0	8	0	0	0	0
	Total Obligation Authority	0.000	0.000	1.179	0.000	1.179	0.000	0.000	0.000	0.000
Total: Secondary Distribution	Quantity	41	295	220	401	621	17	9	5	1
	Total Obligation Authority	33.716	158.755	75.846	25.417	101.263	11.174	24.994	22.650	20.042

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment

P-1 Line Item Number / Title:
71 / Aircraft Replacement Support Equipment

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** 0202834F **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 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	Flight Line Air Conditioners				- / -	- / 0.237	- / 9.959	- / 4.852	- / -	- / 4.852
P-5	B-1B Advanced REW Test Station (ARTS)		A		- / 12.931	4 / 4.356	3 / 6.742	- / 3.050	- / 0.000	- / 3.050
P-40a	Aerial Stores Lift Trucks				- / -	- / 0.000	- / 0.000	- / 0.000	- / 16.836	- / 16.836
P-40a	AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT MODS				- / 9.775	- / 7.748	- / 10.840	- / 0.000	- / 0.000	- / 0.000
P-40a	BP12 ITEMS LESS THAN 5 MILLION DOLLARS				- / -	- / 4.975	- / 8.432	- / 16.098	- / 8.581	- / 24.679
P-40a	C17 CONVERSION				- / -	- / 0.000	- / 73.346	- / 0.000	- / 0.000	- / 0.000
P-5	COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE)		A		- / -	- / 5.453	- / 0.000	- / 7.782	- / 0.000	- / 7.782
P-5	COMMON ORGANIZATIONAL LEVEL TESTER (COLT)		B		- / -	- / 0.018	- / 3.645	- / 4.900	- / 0.000	- / 4.900
P-5	F-15 SECONDARY POWER SOURCE TEST SET (SPSTS)		B		- / 0.000	- / 0.000	- / 5.463	- / 4.224	- / 0.000	- / 4.224
P-40a	Hydraulic Servicing Equipment				- / -	- / 0.000	- / 21.085	- / 15.790	- / 0.000	- / 15.790
P-40a	JOINT SERVICE ELECTRONIC COMBAT SYSTEMS TESTER (JSECST)				- / -	- / 9.099	- / 19.243	- / 8.365	- / -	- / 8.365
P-5	SMALL MUNITIONS TRAILERS RECAP (MHU-110/141)		A		- / 0.000	- / 0.000	- / 0.000	- / 10.785	- / 0.000	- / 10.785
P-5	Versatile Diagnostic Automatic Test System (VDATS)		A		- / -	- / 1.830	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-40	Total Gross/Weapon System Cost				- / 22.706	- / 33.716	- / 158.755	- / 75.846	- / 25.417	- / 101.263

*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:
FY18 procurement dollars in the amount of \$75.846M procures 220 support equipment items, Program Management Administration (PMA), and other government associated costs in support of installation and unit mission requirements for Air Force personnel. PMA may include studies for DMSMS actions.

FY18 OCO dollars in the amount of \$25.417M procures 153 Aerial Stores Lift Trucks, 149 B-1 Maintenance Stands, and 99 B-4 Maintenance Stands in support of the European Contingency Air Operations System (ECAOS)/Deployable Air Base System (DABS) - Facilities, Equipment, and Vehicles (FEV).

Efforts with funding starting in FY 2019 through FY 2022 are summarized on the P-40. Not all details of this funding are included in this P-40 exhibit set. A summary of the excepted details is as follows:

- (a) FY 2019 Cost Delta: 77.634 million
- (b) FY 2020 Cost Delta: 101.636 million
- (c) FY 2021 Cost Delta: 112.709 million
- (d) FY 2022 Cost Delta: 118.880 million
- (e) FY Total Cost Delta: 920.306 million

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Aggregated Items Title: Flight Line Air Conditioners
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
LARGE AIR CONDITIONER	A		-	-	-	0.237	1	0.237	0.237	42	9.959	0.243	20	4.852	-	-	-	0.243	20	4.852
<i>Secondary Distribution</i>																				
AF			-	-	-		1	0.237		23	5.454		20	4.852		-	-		20	4.852
AFNG			-	-	-	-	-	-	-	19	4.505	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	0.237	-	-	9.959	-	-	4.852	-	-	-	-	-	4.852
Total			-	-	-	-	-	0.237	-	-	9.959	-	-	4.852	-	-	-	-	-	4.852

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

Remarks:

Unit Costs for FY18 are assumed and subject to change.

Exact quantities may vary from what is forecasted based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

In FY18, the Air Force will be utilizing the GSA Contract to procure commercial air conditioners as warranted by analysis and need. The ACU 808 Large Air Conditioner will be bought through the GSA Contract (Aero Specialties).

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / B-1B Advanced REW Test Station (ARTS)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	4	3	-	-	-
Gross/Weapon System Cost (\$ in Millions)	12.931	4.356	6.742	3.050	0.000	3.050
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	12.931	4.356	6.742	3.050	0.000	3.050
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	12.931	4.356	6.742	3.050	0.000	3.050

(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)	-	1.089	2.247	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware - Hardware End Item Cost																		
Recurring Cost																		
Advanced RE/W Test Station	0.924	14	12.931	0.922	4	3.688	0.931	3	2.794	-	-	-	-	-	0.000	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	12.931	-	-	3.688	-	-	2.794	-	-	-	-	-	0.000	-	-	0.000
<i>Subtotal: Hardware - Hardware End Item Cost</i>	-	-	12.931	-	-	3.688	-	-	2.794	-	-	-	-	-	0.000	-	-	0.000
Support - Support End Item Cost																		
ICS	-	-	-	-	-	-	-	-	3.390	-	-	2.342	-	-	-	-	-	2.342
PMA Other Government Costs	-	-	-	-	-	0.105	-	-	0.108	-	-	0.108	-	-	-	-	-	0.108
IV&V	-	-	-	-	-	0.563	-	-	0.450	-	-	0.600	-	-	-	-	-	0.600
<i>Subtotal: Support - Support End Item Cost</i>	-	-	-	-	-	0.668	-	-	3.948	-	-	3.050	-	-	-	-	-	3.050
Gross/Weapon System Cost	-	-	12.931	1.089	4	4.356	2.247	3	6.742	-	-	3.050	-	-	0.000	-	-	3.050

Remarks:

Unit cost for FY18 is assumed and is subject to change.
FY18 PMA dollars in the amount of \$108K will be used for the necessary travel associated with fielding the ARTS.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / B-1B Advanced REW Test Station (ARTS)

ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
AF	Quantity	4	3	0	-	0
	Total Obligation Authority	4.356	6.742	3.050	0.000	3.050
Total: Secondary Distribution	Quantity	4	3	-	-	-
	Total Obligation Authority	4.356	6.742	3.050	0.000	3.050

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1 **P-1 Line Item Number / Title:** 71 / Aircraft Replacement Support Equipment **Aggregated Items Title:** Aerial Stores Lift Trucks

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware																				
MJ-1C	A		-	-	-	-	-	-	-	-	-	-	-	-	0.096	85	8.200	0.096	85	8.200
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	-	-	-	-	-	-	85	8.200	-	85	8.200
MHU-83	A		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	0.127	68	8.636	0.127	68	8.636
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	68	8.636	-	68	8.636
Subtotal: Hardware			-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	16.836	-	-	16.836
Total			-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	16.836	-	-	16.836

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

Remarks:
FY18 OCO funds support the USAFE and PACAF Set the Theater Initiative.

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Exhibit P-40a, Budget Item Justification For Aggregated Modification Items: FY 2018 Air Force														Date: May 2017					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1							P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment							Aggregated Modification Items Title: AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT MODS					

Item Number / Title	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
A0003 / MHU-196/204 SLEP			-	-	9.775	-	-	7.748	-	-	10.840	-	-	-	-	-	0.000	-	-	0.000
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	7.748	-	-	10.840	-	-	-	-	-	0.000	-	-	0.000
Total			-	-	9.775	-	-	7.748	-	-	10.840	-	-	0.000	-	-	0.000	-	-	0.000

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

Modification Information:

Item Number / Title	Models of Systems Affected	Modification Type
A0003 / MHU-196/204 SLEP	MHU-196, 204	Service Life Extension

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force																	Date: May 2017			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1						P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment						Aggregated Items Title: BP12 ITEMS LESS THAN 5 MILLION DOLLARS								
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
AUTOMATIC TEST SYSTEMS (ATS)																				
TEST SET, TRANSPONDER (IFF) (ATS)	A		-	-	-	-	-	0.279	-	-	0.800	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.279	-	-	0.800	-	-	-	-	-	-	-	-	
COMMON MUNITIONS BUILT-IN TEST REPROGRAMMING EQUIPMENT (CMBRE) (ATS)	A		-	-	-	-	-	0.389	-	-	1.325	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.389	-	-	1.325	-	-	-	-	-	-	-	-	
PMA OTHER GOVERNMENT COSTS (ATS)	A		-	-	-	-	-	0.062	-	-	0.050	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.062	-	-	0.050	-	-	-	-	-	-	-	-	
PMA CONTRACTOR SERVICES (ATS)	A		-	-	-	-	-	1.099	-	-	-	-	-	-	-	-	-	-	-	
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	1.099	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: AUTOMATIC TEST SYSTEMS (ATS)			-	-	-	-	-	1.829	-	-	2.175	-	-	-	-	-	-	-	-	
SUPPORT EQUIPMENT AND VEHICLES (SEV)																				
FAST CHARACTERIZATION TOOL (FACT) 4920015711970RN (SEV)	A		-	-	-	-	-	-	0.535	1	0.535	0.328	10	3.278	-	-	-	0.328	10	3.278
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	-	-	1	0.535	-	10	3.278	-	-	-	-	10	3.278
FAST CHARACTERIZATION TOOL (FACT) 4920015654320RN (SEV)	A		-	-	-	0.301	3	0.904	0.373	3	1.120	0.342	9	3.078	-	-	-	0.342	9	3.078
<i>Secondary Distribution</i>																				
AF			-	-	-	-	3	0.904	-	3	1.120	-	9	3.078	-	-	-	-	9	3.078
T-56 ENGINE ENCLOSURES	A		-	-	-	0.704	1	0.704	-	-	-	-	-	-	-	-	-	-	-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force																	Date: May 2017			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1					P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment												Aggregated Items Title: BP12 ITEMS LESS THAN 5 MILLION DOLLARS			
Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
4920015902905RN (SEV)																				
<i>Secondary Distribution</i>																				
AF				-	-		1	0.704		-	-		-	-		-	-		-	-
FLIGHT LINE GENERATORS (SEV)	A		-	-	-	-	-	-	-	-	-	0.060	55	3.315	-	-	-	0.060	55	3.315
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		55	3.315		-	-		55	3.315
B-1 MAINTENANCE STANDS 1730015544187RN (SEV)	A		-	-	-	-	-	-	-	-	-	-	-	-	0.013	149	1.876	0.013	149	1.876
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		149	1.876		149	1.876
B-4 MAINTENANCE STANDS 1730015554366RN (SEV)	A		-	-	-	-	-	-	-	-	-	-	-	-	0.011	99	1.056	0.011	99	1.056
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		99	1.056		99	1.056
MISC AGE for ECAOS/DABS - FEV (SEV)	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.649	-	-	5.649
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	-		-	5.649		-	5.649
PMA CONTRACTOR SERVICES	A		-	-	-	-	-	-	-	-	-	-	-	0.279	-	-	-	-	-	0.279
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	0.279		-	-		-	0.279
PMA OTHER GOVERNMENT COSTS (SEV)	A		-	-	-	-	-	0.104	-	-	0.231	-	-	-	-	-	0.000	-	-	0.000
<i>Secondary Distribution</i>																				
AF				-	-		-	0.104		-	0.231		-	-		-	0.000		-	0.000
ADVANCED CONTROL TESTER (ACT) 4920016211719KV (SEV)	A		-	-	-	0.443	3	1.328	0.375	11	4.121	0.363	13	4.719	-	-	-	0.363	13	4.719
<i>Secondary Distribution</i>																				
AF				-	-		3	1.328		8	2.997		6	2.178		-	-		6	2.178
AFNG				-	-		-	-		3	1.124		6	2.178		-	-		6	2.178

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Aggregated Items Title: BP12 ITEMS LESS THAN 5 MILLION DOLLARS
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
AFR				-	-		-	-		-	-		1	0.363		-	-		1	0.363
Subtotal: SUPPORT EQUIPMENT AND VEHICLES (SEV)			-	-	-	-	-	3.040	-	-	6.007	-	-	14.669	-	-	8.581	-	-	23.250
AIR FORCE SUSTAINMENT CENTER																				
FSC 1730 AIRCRAFT GROUND SERVICING EQUIPMENT (OC)	A		-	-	-	-	-	-	-	-	-	0.022	1	0.022	-	-	-	0.022	1	0.022
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		1	0.022		-	-		1	0.022
FSC 3940 BLOCK, TACKLE, RIGGING, SLING (OC)	A		-	-	-	-	-	-	-	-	-	0.010	2	0.020	-	-	-	0.010	2	0.020
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		2	0.020		-	-		2	0.020
FSC 3990 MISCELLANEOUS MATERIALS HANDLING EQUIPMENT (OC)	A		-	-	-	0.019	4	0.075	0.010	2	0.020	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		4	0.075		2	0.020		-	-		-	-		-	-
FSC 4920 AIRCRAFT MAINT SHOP SPECIALIZED EQP (OC)	A		-	-	-	0.004	7	0.026	0.013	12	0.154	0.003	1	0.003	-	-	-	0.003	1	0.003
<i>Secondary Distribution</i>																				
AF				-	-		7	0.026		12	0.154		1	0.003		-	-		1	0.003
FSC 4935 GUIDED MISSILE MAINTENANCE, REP, AND CHECKOUT SPECIALIZED EQUIPMENT (OC)	A		-	-	-	-	-	-	0.007	1	0.007	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		1	0.007		-	-		-	-		-	-
FSC 5120 HAND TOOLS, NON-EDGED, NON-POWERED (OC)	A		-	-	-	-	-	-	0.006	1	0.006	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		1	0.006		-	-		-	-		-	-

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force															Date: May 2017				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1						P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment									Aggregated Items Title: BP12 ITEMS LESS THAN 5 MILLION DOLLARS				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
FSC 5180 SPECIALIZED EQUIPMENTS, KITS, OUTFITS/HAND TOOLS (OC)	A		-	-	-	0.005	1	0.005	0.021	3	0.062	0.004	1	0.004	-	-	-	0.004	1	0.004
<i>Secondary Distribution</i>																				
AF				-	-		1	0.005		3	0.062		1	0.004		-	-		1	0.004
FSC 6625 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING, TEST INSTRUMENTS (OC)	A		-	-	-	-	-	-	0.001	1	0.001	0.250	1	0.250	-	-	-	0.250	1	0.250
<i>Secondary Distribution</i>																				
AF				-	-		-	-		1	0.001		1	0.250		-	-		1	0.250
Subtotal: AIR FORCE SUSTAINMENT CENTER			-	-	-	-	-	0.106	-	-	0.250	-	-	0.299	-	-	-	-	-	0.299
OTHER																				
F-16 SQUADRON	A		-	-	-	-	-	-	-	-	-	-	-	1.130	-	-	-	-	-	1.130
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	-		-	1.130		-	-		-	1.130
Subtotal: OTHER			-	-	-	-	-	-	-	-	-	-	-	1.130	-	-	-	-	-	1.130
Total			-	-	-	-	-	4.975	-	-	8.432	-	-	16.098	-	-	8.581	-	-	24.679

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

Remarks:

FEDERAL STOCK CLASS (FSC)

Automatic Test Systems (ATS)

PMA Other Government Costs applies to travel, cyber support, and other government costs in support of the various programs to include, but not limited to, CMBRE, PATS, and Transponder Test Set (Identification Friend or Foe) (IFF) within the Automatic Test System Division.

CMBRE costs include cable purchases and power distribution units (PDU).

Support Equipment and Vehicles (SE&V)

PMA for SEV supports the operation of the program office in its management and oversight role via travel, procurement of supplies and Advisory and Administrative Services (A&AS).

ECAOS/DABS-FEV = European Contingency Air Operations Set/Deployable Air Base System - Facilities, Equipment, and Vehicles

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1 **P-1 Line Item Number / Title:** 71 / Aircraft Replacement Support Equipment **Aggregated Items Title:** C17 CONVERSION

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
C-17 Support Equipment																				
C-17 Support Equipment	A		-	-	-	-	-	0.000	-	-	73.346	-	-	0.000	-	-	0.000	-	-	0.000
<i>Secondary Distribution</i>																				
AF			-	-	-	-	-	0.000	-	-	73.346	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: C-17 Support Equipment			-	-	-	-	-	0.000	-	-	73.346	-	-	0.000	-	-	0.000	-	-	0.000
Total			-	-	-	-	-	0.000	-	-	73.346	-	-	0.000	-	-	0.000	-	-	0.000

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

Remarks:
 PE54214f 'C-17 Strategic Airlift Squadrons (AFR-EQ)': \$37M is required in FY17 to procure support equipment at Pittsburgh IAP ARS for 8 C-17 aircraft transferring from Air Force Active-Duty Backup Aircraft Inventory (BAI) to the Air Force Reserve as Primary Aircraft Authorization (PAA); the support equipment needs to be procured as it's not being transferred with the C-17 aircraft. This FY17 action is a part of the Air Force's Rapid Global Mobility (RGM) Force Mix Option (FMO) Delta (or RGM FMO-D) that mitigates the retirement of C-130H aircraft at Pittsburgh IAP ARS with transferred C-17 aircraft.

PE54121f required for an Air National Guard unit gaining C-17 aircraft as a part of RGM FMO-D to mitigate the retirement of Air National Guard C-130H aircraft.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	5.453	0.000	7.782	0.000	7.782
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	5.453	0.000	7.782	0.000	7.782
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	5.453	0.000	7.782	0.000	7.782

(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)	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware - COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE) Cost																		
Recurring Cost																		
Accessory Equipment	-	-	-	-	-	0.056	-	-	-	-	-	-	-	-	-	-	-	-
Mobile Maintenance Terminal	-	-	-	-	-	-	-	-	-	0.015	328	4.920	-	-	-	0.015	328	4.920
Cable Sets and Case	-	-	-	-	-	-	-	-	-	0.070	32	2.240	-	-	-	0.070	32	2.240
Subtotal: Recurring Cost	-	-	-	-	-	0.056	-	-	-	-	-	7.160	-	-	-	-	-	7.160
Subtotal: Hardware - COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE) Cost	-	-	-	-	-	0.056	-	-	-	-	-	7.160	-	-	-	-	-	7.160
Software - COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE) Cost																		
Recurring Cost																		
AAG Development (Re-host)	-	-	-	-	-	5.387	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	-	-	-	5.387	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Software - COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE) Cost	-	-	-	-	-	5.387	-	-	-	-	-	-	-	-	-	-	-	-
Logistics - COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE) Cost																		

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Non Recurring Cost																		
Drawings	-	-	-	-	-	-	-	-	-	-	-	0.250	-	-	-	-	-	0.250
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.250	-	-	-	-	-	0.250
<i>Subtotal: Logistics - COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE) Cost</i>	-	-	-	-	-	-	-	-	-	-	-	0.250	-	-	-	-	-	0.250
Support - COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE) Cost																		
PMA Other Government Services	-	-	-	-	-	0.010	-	-	0.000	-	-	0.372	-	-	0.000	-	-	0.372
<i>Subtotal: Support - COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE) Cost</i>	-	-	-	-	-	0.010	-	-	0.000	-	-	0.372	-	-	0.000	-	-	0.372
Gross/Weapon System Cost	-	-	-	-	-	5.453	-	-	0.000	-	-	7.782	-	-	0.000	-	-	7.782

Remarks:
FY18 funds will be used for production activities for the cyber secure Common Aircraft Portable Reprogramming Equipment Memory Loader Verifier. (CAPRE-MLV)

FY18 CAPRE funds will be used to purchase full CAPRE memory loader verifier (MLV) and accessory equipment for the CAPRE MLV. FY18 funding will also be used produce cables and cables sets and procure replacement laptops. Cable Sets include an average of 35 to 52 cables and cases for cables.

FY18 PMA dollars in the amount of (\$260,000.00) will be used for the necessary travel and A&AS support associated with for CAPRE production activities.

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	5.453	0.000	7.782	0.000	7.782
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	5.453	0.000	7.782	0.000	7.782

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / COMMON ORGANIZATIONAL LEVEL TESTER (COLT)

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	0.018	3.645	4.900	0.000	4.900
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	0.018	3.645	4.900	0.000	4.900
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	0.018	3.645	4.900	0.000	4.900

(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)	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware - COMMON ORGANIZATIONAL LEVEL TESTER (COLT) Cost																		
Non Recurring Cost																		
Coit upgraded Power (Pure Mods version)	-	-	-	-	-	0.000	0.077	34	2.618	0.077	26	2.002	-	-	0.000	0.077	26	2.002
Coit Standard Version	-	-	-	-	-	-	-	-	-	0.095	28	2.660	-	-	0.000	0.095	28	2.660
Power Supplies	-	-	-	-	-	-	0.010	10	0.100	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	0.000	-	-	2.718	-	-	4.662	-	-	0.000	-	-	4.662
<i>Subtotal: Hardware - COMMON ORGANIZATIONAL LEVEL TESTER (COLT) Cost</i>	-	-	-	-	-	0.000	-	-	2.718	-	-	4.662	-	-	0.000	-	-	4.662
Logistics - COMMON ORGANIZATIONAL LEVEL TESTER (COLT) Cost																		
Non Recurring Cost																		
Tech Data	-	-	-	-	-	-	-	-	0.735	-	-	-	-	-	-	-	-	-
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	0.735	-	-	-	-	-	-	-	-	-
<i>Subtotal: Logistics - COMMON ORGANIZATIONAL LEVEL TESTER (COLT) Cost</i>	-	-	-	-	-	-	-	-	0.735	-	-	-	-	-	-	-	-	-
Support - COMMON ORGANIZATIONAL LEVEL TESTER (COLT) Cost																		
PMA Other Government Costs	-	-	-	-	-	0.018	-	-	0.030	-	-	0.076	-	-	-	-	-	0.076

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / COMMON ORGANIZATIONAL LEVEL TESTER (COLT)
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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
PMA Contractor Services	-	-	-	-	-	-	-	-	0.162	-	-	0.162	-	-	-	-	-	0.162
<i>Subtotal: Support - COMMON ORGANIZATIONAL LEVEL TESTER (COLT) Cost</i>	-	-	-	-	-	0.018	-	-	0.192	-	-	0.238	-	-	-	-	-	0.238
Gross/Weapon System Cost	-	-	-	-	-	0.018	-	-	3.645	-	-	4.900	-	-	0.000	-	-	4.900

Remarks:

COLT is a Nuclear certified tester for B-2 and F-22 aircraft.

The current COLT tester has supportability issues, (obsolescence and thermal), and poor reliability rates as there is an average 42% annual failure rate which drive high sustainment costs. The gov't assumes a lot of risk with obsolescent parts, living off repairs that could abruptly end would directly impact both the F-22 and B-2 weapon systems. Operating system update feeds into the COLT ATO that mandates we meet cyber security measures; dated Operating System induces risk that is unacceptable. If this effort is not funded there will be an extremely high risk of having weapon systems unable to be fitted with weapon thereby drastically increasing non-mission capable rates.

FY18 funds will be used to purchase modification kits and installation of kits for the entire COLT fleet. Funding also supports upgrades/changes to the system that are driven by cyber concerns. PMA cost cover travel for the COLT program and contractor support.

FY18 PMA dollars in the total amount of (\$305,000) will be used for travel (Other Government Costs) and Contractor Services to augment ATS Division manpower to perform logistics functions as fielding of assets occur.

This program was originally included on the Items Less than \$5M exhibit in the FY17 President's Budget.

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	0.018	3.645	4.900	0.000	4.900
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	0.018	3.645	4.900	0.000	4.900

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / F-15 SECONDARY POWER SOURCE TEST SET (SPSTS)

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	5.463	4.224	0.000	4.224
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	0.000	0.000	5.463	4.224	0.000	4.224
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	5.463	4.224	0.000	4.224

(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)	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware - SPSTS Cost																		
Recurring Cost																		
Test Stations	-	-	-	-	-	-	0.337	13	4.382	0.220	15	3.303	-	-	-	0.220	15	3.303
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	4.382	-	-	3.303	-	-	-	-	-	3.303
<i>Subtotal: Hardware - SPSTS Cost</i>	-	-	-	-	-	-	-	-	4.382	-	-	3.303	-	-	-	-	-	3.303
Software - SPSTS Cost																		
Non Recurring Cost																		
Software / Firmware	-	-	-	-	-	-	-	-	0.378	-	-	0.286	-	-	-	-	-	0.286
<i>Subtotal: Non Recurring Cost</i>	-	-	-	-	-	-	-	-	0.378	-	-	0.286	-	-	-	-	-	0.286
<i>Subtotal: Software - SPSTS Cost</i>	-	-	-	-	-	-	-	-	0.378	-	-	0.286	-	-	-	-	-	0.286
Support - SPSTS Cost																		
DATA / Technical Documentation	-	-	-	-	-	-	-	-	0.083	-	-	0.061	-	-	-	-	-	0.061
First Article (FA) Fabrication	-	-	-	-	-	-	-	-	0.331	-	-	0.250	-	-	-	-	-	0.250
FA Developmental/ Operational Testing	-	-	-	-	-	-	-	-	0.236	-	-	0.179	-	-	-	-	-	0.179
PMA - Other Government Costs	-	-	0.000	-	-	0.000	-	-	0.053	-	-	0.145	-	-	0.000	-	-	0.145
<i>Subtotal: Support - SPSTS Cost</i>	-	-	0.000	-	-	0.000	-	-	0.703	-	-	0.635	-	-	0.000	-	-	0.635

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / F-15 SECONDARY POWER SOURCE TEST SET (SPSTS)
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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Gross/Weapon System Cost	-	-	0.000	-	-	0.000	-	-	5.463	-	-	4.224	-	-	0.000	-	-	4.224

Remarks:

FY18 PMA dollars in the amount of \$145,000 will be used for the necessary travel associated with fielding the SPSTS.

FY18 procurement dollars in the amount of \$ 3,302,520 procures 15 each SPSTS in support of installation and unit mission requirements for Air Force Personnel.

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	0.000	5.463	4.224	0.000	4.224
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	0.000	5.463	4.224	0.000	4.224

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Aggregated Items Title: Hydraulic Servicing Equipment
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware																				
UNIVERSAL TRIPLE HYDRAULIC TEST STAND (3 SYS) (DIESEL)	A		-	-	-	-	-	-	-	-	0.207	47	9.750	-	-	-	0.207	47	9.750	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-		47	9.750		-	-		47	9.750	
UNIVERSAL TRIPLE HYDRAULIC TEST STAND (3 SYS) (ELECTRIC)	A		-	-	-	-	-	0.000	-	-	0.228	5	1.140	-	-	0.000	0.228	5	1.140	
<i>Secondary Distribution</i>																				
AF				-	-		-	0.000		-	-	5	1.140		-	0.000		5	1.140	
UNIVERSAL HYDRAULIC TEST STAND (2 SYS) (DIESEL)	A		-	-	-	-	-	-	0.117	131	15.272	0.117	21	2.450	-	-	0.117	21	2.450	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		131	15.272		11	1.284		-	-		11	1.284
AFNG				-	-		-	-		-	-		5	0.583		-	-		5	0.583
AFR				-	-		-	-		-	-		5	0.583		-	-		5	0.583
UNIVERSAL HYDRAULIC TEST STAND (2 SYS) (ELECTRIC)	A		-	-	-	-	-	-	0.121	48	5.813	0.117	21	2.450	-	-	0.117	21	2.450	
<i>Secondary Distribution</i>																				
AF				-	-		-	-		48	5.813		15	1.750		-	-		15	1.750
AFNG				-	-		-	-		-	-		4	0.467		-	-		4	0.467
AFR				-	-		-	-		-	-		2	0.233		-	-		2	0.233
Subtotal: Hardware			-	-	-	-	-	0.000	-	-	21.085	-	-	15.790	-	-	0.000	-	-	15.790
Total			-	-	-	-	-	0.000	-	-	21.085	-	-	15.790	-	-	0.000	-	-	15.790

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

Remarks:
Exact quantities may vary from what is forecasted based on real world requirements and priorities as established by the Major Commands. Deviations will be updated in the next budget cycle.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force															Date: May 2017				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1							P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment								Aggregated Items Title: JOINT SERVICE ELECTRONIC COMBAT SYSTEMS TESTER (JSECST)				

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Joint Service Electronic Combat Systems Tester (JSECST)																				
Joint Service Electronic Combat Systems Tester (JSECST)	A		-	-	-	0.459	17	7.803	0.497	36	17.892	0.622	13	8.086	-	-	-	0.622	13	8.086
<i>Secondary Distribution</i>																				
AF				-	-		16	7.344		35	17.395		12	7.464		-	-		12	7.464
AFNG				-	-		1	0.459		1	0.497		1	0.622		-	-		1	0.622
PMA Other Government Costs	A			-	-	-	-	1.046	-	-	0.360	-	-	0.279	-	-	-	-	-	0.279
<i>Secondary Distribution</i>																				
AF				-	-		-	1.046		-	0.360		-	0.279		-	-		-	0.279
PMA Other Government Support	A			-	-	-	-	0.250	-	-	0.391	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	0.250		-	0.391		-	-		-	-		-	-
Kit Installations	A			-	-	-	-	-	-	-	0.600	-	-	-	-	-	-	-	-	-
<i>Secondary Distribution</i>																				
AF				-	-		-	-		-	0.600		-	-		-	-		-	-
Subtotal: Joint Service Electronic Combat Systems Tester (JSECST)			-	-	-	-	-	9.099	-	-	19.243	-	-	8.365	-	-	-	-	-	8.365
Total			-	-	-	-	-	9.099	-	-	19.243	-	-	8.365	-	-	-	-	-	8.365

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

Remarks:

FY18 unit cost is assumed and will change once new contract is in place.. FY18 PMA dollars in the amount of \$150,000.00 will be used for the necessary travel associated with fielding the Joint Service Electronic Combat System Tester (JSECST)and for kits install.

FY18 unit cost is assumed and will change once new contract is in place. Existing contract (FA8532-14-D-0004) will expire 30 September 2017. Expect follow-on contract NLT Apr 2018

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / SMALL MUNITIONS TRAILERS RECAP (MHU-110/141)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	0.000	0.000	0.000	10.785	0.000	10.785
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	0.000	0.000	0.000	10.785	0.000	10.785
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	0.000	0.000	0.000	10.785	0.000	10.785

(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)	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware - SMALL MUNITIONS TRAILERS RECAP (MHU-110/141) Cost																		
Non Recurring Cost																		
MHU-110 Trailers	-	-	0.000	-	-	0.000	-	-	0.000	0.048	2	0.096	-	-	0.000	0.048	2	0.096
MHU-141 Trailers	-	-	0.000	-	-	0.000	-	-	0.000	0.048	2	0.096	-	-	0.000	0.048	2	0.096
<i>Subtotal: Non Recurring Cost</i>	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.192	-	-	0.000	-	-	0.192
<i>Subtotal: Hardware - SMALL MUNITIONS TRAILERS RECAP (MHU-110/141) Cost</i>	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.192	-	-	0.000	-	-	0.192
Support - SMALL MUNITIONS TRAILERS RECAP (MHU-110/141) Cost																		
PMA Other Government Costs MHU-110	-	-	-	-	-	-	-	-	-	-	-	0.040	-	-	-	-	-	0.040
First Article Testing MHU-110	-	-	-	-	-	-	-	-	-	-	-	2.500	-	-	-	-	-	2.500
PMA Other Government Costs MHU-141	-	-	-	-	-	-	-	-	-	-	-	0.040	-	-	-	-	-	0.040
First Article Testing MHU-141	-	-	-	-	-	-	-	-	-	-	-	3.067	-	-	-	-	-	3.067
Data MHU-110	-	-	-	-	-	-	-	-	-	-	-	2.756	-	-	-	-	-	2.756
Data MHU-141	-	-	-	-	-	-	-	-	-	-	-	2.190	-	-	-	-	-	2.190
<i>Subtotal: Support - SMALL MUNITIONS TRAILERS RECAP (MHU-110/141) Cost</i>	-	-	-	-	-	-	-	-	-	-	-	10.593	-	-	-	-	-	10.593

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / SMALL MUNITIONS TRAILERS RECAP (MHU-110/141)
ID Code (A=Service Ready, B=Not Service Ready) : A		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 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Gross/Weapon System Cost	-	-	0.000	-	-	0.000	-	-	0.000	-	-	10.785	-	-	0.000	-	-	10.785

Remarks:
 Unit Costs for FY18 are assumed and are subject to change.
 FY18 PMA dollars in the amount of \$80K will be used for the necessary travel associated with the fielding the Small Munitions Trailers (MHU-110/141).

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	0.000	0.000	10.785	0.000	10.785
Total: Secondary Distribution	Quantity	-	-	-	-	-
	Total Obligation Authority	0.000	0.000	10.785	0.000	10.785

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / Versatile Diagnostic Automatic Test System (VDATS)

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	1.830	0.000	0.000	0.000	0.000
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	1.830	0.000	0.000	0.000	0.000
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	1.830	0.000	0.000	0.000	0.000

(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)	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Support - Support End Item Cost																		
VDATS Engineering	-	-	-	-	-	1.821	-	-	-	-	-	-	-	-	-	-	-	-
PMA Other Government Costs	-	-	-	-	-	0.009	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
<i>Subtotal: Support - Support End Item Cost</i>	-	-	-	-	-	1.830	-	-	0.000									
Gross/Weapon System Cost	-	-	-	-	-	1.830	-	-	0.000									

Remarks:

The Versatile Diagnostic Automatic Test Station (VDATS) Test Program Set (TPS) Software Rehost requirement supports current weapon system test requirements being migrated to VDATS. VDATS provides a means to ensure operational availability. Rehost of legacy test program software to VDATS reduces the large variety of unique software languages, as well as the huge quantity of unique legacy automatic test systems currently maintained within the Air Force inventory. As a result reduces the AF ATS footprint, and reduces the ATS total ownership costs.

The PMA account was established to fund requirements associated with the day-to-day operations and sustainment of the VDATS Program office. Defined requirements that fit within the scope of this account are program travel, as well as miscellaneous material purchases associated with the program management operations of the VDATS program office are supported from the PMA account.

VDATS is an organically manufactured system. VDATS engineering supports production engineering for systems that were procured in with prior year funds but have not delivered.

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
AF	Quantity	-	-	-	-	-
	Total Obligation Authority	1.830	0.000	0.000	0.000	0.000

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 1	P-1 Line Item Number / Title: 71 / Aircraft Replacement Support Equipment	Item Number / Title [DODIC]: - / Versatile Diagnostic Automatic Test System (VDATS)

ID Code (A=Service Ready, B=Not Service Ready) : A **MDAP/MAIS Code:**

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Total:	Quantity	-	-	-	-	-
Secondary Distribution	Total Obligation Authority	1.830	0.000	0.000	0.000	0.000

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment

P-1 Line Item Number / Title:
 000075 / Other Production Charges

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

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.000	8.524	0.000	8.524	7.037	0.000	0.000	0.000	-	15.561
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.000	8.524	0.000	8.524	7.037	0.000	0.000	0.000	-	15.561
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.000	8.524	0.000	8.524	7.037	0.000	0.000	0.000	-	15.561

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

Description:

The legacy munitions handling units (MHU) program consists of the MHU-196/M and MHU-204/M. The MHUs will be overhauled and given a new designation: MHU-196A/M and MHU-204A/M units. This effort will provide an additional 20 years of service life by assessing the structural integrity and repairing the legacy control and power system. Program also alleviates part obsolescence and addresses diminishing manufacturing sources. Funding support the activation of the depot, OO-ALC, to expand their facility production and investing in additional space, support equipment and manpower. Total non-recurring cost are for the depot activation: facilities, support equipment, and other support as required. During depot activation, PMA funding may be used for contract services in support of the program office, program office operations and program travel requirements. Group A kits are not required; all components parts are/will be stock listed, either by the Program Management Office, Defense Logistics Agency (DLA) and/or the Air Force Sustainment Center (AFSC). Assets are used in support of nuclear and conventional operations. Air Force Global Strike Command (AFGSC) requested a production time line of 8 years. In order to meet this, additional funding is required for depot activation. Prior year funding was identified in APPN 3010, BP12, 0202834F Aircraft Replacement Support Equip and moved to APPN 3010, BP12, CLC Other Production Charges to reflect the direction to use organic depot overhaul.

Funding in this exhibit contained in PEC: 0202834F.

Justification:

The MHU-196 and MHU-204 munitions lift trailers have met and exceeded the original service life of 20 years and are unsustainable due to parts obsolescence and are experiencing uncommanded responses due to antiquated electronic and hydraulic systems as identified in the requirements documents (AF IMT 1067, Modification Proposals, Air Combat Command (ACC) 09-175 and ACC 09-176). These munitions lift systems are required for rapid generation of nuclear payloads on the B-2 and B-52 aircraft, and conventional payloads on the B-1, B-2 and B-52 aircraft.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 1: Common Support Equipment

P-1 Line Item Number / Title:
000999 / Common Support Equipment

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

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	24.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	24.700
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	24.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	24.700
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	24.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	24.700

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

Description:

This line item is to replace and modernize common and peculiar automatic test system and automatic test equipment. Some of the items include hardware production for Common Aircraft Portable Reprogrammable Equipment and Cruise Missile Automatic Test Systems.

Common Aircraft Portable Reprogrammable Equipment (CAPRE): The CAPRE replaces the Digital Computer Systems and 11 Program Loader Verifiers devices in organizational and intermediate level shops. CAPRE reprograms aircraft computer software, updates threat data in electronic warfare pods, perform aircraft diagnostic troubleshooting and support automated technical orders. CAPRE consists of a laptop, cables, interface modules, software and Aircraft Adapter Groups (AAG). The CAPRE supports the following weapons systems A-10, B-1, B-52, C-5, C-17, C-130, CV-22, F-15, F-16, H-60 and KC-46. CAPREs architecture and design allows it to add weapons systems to increase the commonality of the system

Cruise Missile Automatic Test System (CM-ATS): CM-ATS is a nuclear certified intermediate level tester that support the B-2 and B-52 Weapons systems. The system was originally designed in the 1970's and the final system was delivered in 1984. The current system has several obsolete items and requires a full fleet replacement of these items to support the tester until 2030.

Funding in this exhibit contained in PEC: 0701212F.

Justification:

No FY18 funding requested.

This line item is to procure, replace and modernize common and peculiar automatic test systems and automatic test equipment.

Common Portable Aircraft Reprogrammable Equipment (CAPRE): Funding is required to procure replacement laptop, cable sets, network interface module production, software and production of Aircraft Adapter Groups. This procurement will replace current weapons systems CAPREs and add additional weapons systems to the CAPRE. Funding will also be used for PMA cost to support the program.

Cruise Missile Automatic Test System. Funding will be used to replace obsolete items for the entire Cruise Missile Automatic Test System fleet. Replacement of these items will help extend the life of the until 2030. The cruise is nuclear certified and supports the B-2 and B-52. Funding will also be used for PMA cost to support the program.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 T053A0 / T-53A Trainer

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

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.000	0.501	0.000	0.501	0.000	0.000	0.000	0.000	-	0.501
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.000	0.501	0.000	0.501	0.000	0.000	0.000	0.000	-	0.501
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.000	0.501	0.000	0.501	0.000	0.000	0.000	0.000	-	0.501

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

Description:

This line item funds a post production purchase of a T-53 aircraft trainer used at the United States Air Force Academy. There are 24 T-53A aircraft with a design service life of 12,000 hours. The trainer being purchased will be used for emergency procedure training.

Funding for this exhibit contained in PE 0804748F.

Justification:

This program, Item T-53 Aircraft Trainer, is a new start.

The FY 2018 requirement is to procure one T-53A Aircraft-Trainer, no applicable support items.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: B00200 / B-2A
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0101127F
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.154	0.447	0.000	0.447	0.577	0.114	0.000	0.000	-	1.292
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.154	0.447	0.000	0.447	0.577	0.114	0.000	0.000	-	1.292
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.154	0.447	0.000	0.447	0.577	0.114	0.000	0.000	-	1.292

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

Description:

Interim Contractor Support (ICS) provides maintenance and repair capability for depot-level repairs to meet Air Force Global Strike Command (AFGSC) operational requirements for the B-2 weapon system. The ICS program is an on-condition and limited overhaul repair capability repairing Line Replaceable Units (LRUs) and Shop Replaceable Units (SRUs) associated with legacy airframe structures, hydro-mechanical components and avionics components until permanent depot repair capability is established. ICS also provides travel support and interim repair to new or modified components stemming from B-2 aircraft modification programs until a permanent source of repair has been achieved either organically or through Contractor Depot Maintenance (CDM).

This exhibit covers new B-2 modifications. ICS for legacy components is covered elsewhere.

Justification:

ICS will continue to provide interim maintenance and repair capability to B-2 LRUs/SRUs as well as new aircraft modification components until either an organic repair capability or contractor repair capability is established.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date: May 2017**

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 B002B0 / B-2a

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

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	39.112	43.330	38.509	0.000	38.509	36.155	42.569	47.193	48.140	-	295.008
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	39.112	43.330	38.509	0.000	38.509	36.155	42.569	47.193	48.140	-	295.008
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	39.112	43.330	38.509	0.000	38.509	36.155	42.569	47.193	48.140	-	295.008

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

Description:

Interim Contractor Support (ICS) provides maintenance, and repair capability for depot-level repairs to meet Air Force Global Strike Command (AFGSC) operational requirements for the B-2 weapon system. The ICS program is an on-condition and limited overhaul repair capability repairing Line Replaceable Units (LRUs) and Shop Replaceable Units (SRUs) associated with legacy airframe structures, hydro-mechanical components, and avionics components until permanent depot repair capability is established. ICS also provides travel support and interim repair to alternate mission equipment and new or modified components stemming from B-2 aircraft modification programs until a permanent source of repair has been achieved either organically or through Contractor Depot Maintenance (CDM).

Post Production Support funds are used to acquire, replace, upgrade, integrate, and test B-2 peculiar support equipment (PSE), Special Test Equipment (STE) and their sub-components, for the Weapon System Support Center (WSSC) Ground Test Facility (GTF), Program Depot Maintenance, Test Range, and AFGSC operational support facilities. The B-2 WSSC GTF is a one-of-a-kind facility that develops, maintains, sustains, integrates, tests, and certifies the B-2 Spirit software. The B-2 WSSC GTF combines flight controls, radar, weapons, navigation, traffic control, communications, displays, flight management, external interfaces, and defensive management functionality in a test environment to conduct component, subsystem, and end-to-end software tests before deployment to the test aircraft and/or the operational fleet. This funding also supports replacement, upgrade, travel requirements, and integration of other peculiar support equipment such as, but not limited to, the VIPER Memory Load Verifier, Portable Compressed Air Heating System, Laboratory Assets, Program Depot Maintenance sustainment equipment, and Test Range special test equipment and support systems.

This exhibit covers WSSC-GTF and ICS for legacy B-2 components. ICS for new B-2 components is covered by WSC b00200/B-2A.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 B002B0 / B-2a

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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-40a	B-2a				- / -	- / 39.112	- / 43.330	- / 38.509	- / 0.000	- / 38.509
P-40	Total Gross/Weapon System Cost				- / -	- / 39.112	- / 43.330	- / 38.509	- / 0.000	- / 38.509

*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:
 ICS will continue to provide interim maintenance and repair capability to legacy B-2 LRUs/SRUs as well as new aircraft modification components and alternate mission equipment until either an organic repair capability or contractor repair capability is established.

Post Production Support funds are used to acquire, replace, upgrade, integrate, and test obsolete B-2 Peculiar Support Equipment, Special Test Equipment and their sub-components required to support the WSSC GTF, Programmed Depot Maintenance, Test Range, and AFGSC support facilities.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2 **P-1 Line Item Number / Title:** B002B0 / B-2a **Aggregated Items Title:** B-2a

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
Legacy ICS; Program Code ap5000	A		-	-	-	-	-	28.179	-	-	24.352	-	-	30.828	-	-	0.000	-	-	30.828
WSSC; Program Code bem000	A		-	-	-	-	-	10.933	-	-	18.978	-	-	7.681	-	-	0.000	-	-	7.681
Subtotal: Uncategorized			-	-	-	-	-	39.112	-	-	43.330	-	-	38.509	-	-	0.000	-	-	38.509
Total			-	-	-	-	-	39.112	-	-	43.330	-	-	38.509	-	-	0.000	-	-	38.509

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

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 B05200 / B-52

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0101113F

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	3.693	28.125	0.199	0.000	0.199	12.924	4.678	5.696	5.811	-	61.126
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	3.693	28.125	0.199	0.000	0.199	12.924	4.678	5.696	5.811	-	61.126
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	3.693	28.125	0.199	0.000	0.199	12.924	4.678	5.696	5.811	-	61.126

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

Description:

The B-52 Combat Network Communication Technology (CONNECT) acquisition project supports nuclear and conventional operations by upgrading the B-52 fleet with data link and voice communications capabilities along with improved threat and situational awareness to support participation in network centric operations. The CONNECT upgrade installs new Multi-Functional Color Displays (MFCDs) and a digital interphone system, which will survive and function through the nuclear environment to enhance crew interaction and situational awareness. To enable net centric operations, the CONNECT upgrade installs on-board client/server architecture supporting distributed processing with independent control functions; UHF Beyond Line-Of-Sight (BLOS) Joint Range Extension (JRE) capability via ARC-210 Warrior radio to exchange J-Series messaging within theater; Intelligence Broadcast Receiver (IBR); limited Internet Protocol (IP)-based UHF BLOS link supporting voice, email and file transfers; and Improved Data Modem (IDM)-based digital Variable Message Format (VMF) data link to significantly enhance close air support (CAS) missions. This integrated suite, when produced and installed, will provide the B-52 fleet with a machine-to-machine capability supporting aircraft re-tasking and re-targeting of Conventional Air Launched Cruise Missile (CALCM) and J-series weapons across the range of military operations the B-52 is assigned.

This modification is planned to be done in conjunction with Programmed Depot Maintenance (PDM). In addition, training devices will be upgraded to include CONNECT functionality to meet user training requirements.

Post Production Support funds Interim Contract Support (ICS) until the depot is established for CONNECT.

This program has associated Research Development Test and Evaluation (RDT&E) funding in PE 0101113F.

Justification:

Post Production Support funds Interim Contract Support (ICS) are required until the depot is established for CONNECT.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: C01700 / C-17A
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0401130F
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	15.054	23.559	12.028	0.000	12.028	6.310	0.000	0.000	0.000	-	56.951
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	15.054	23.559	12.028	0.000	12.028	6.310	0.000	0.000	0.000	-	56.951
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	15.054	23.559	12.028	0.000	12.028	6.310	0.000	0.000	0.000	-	56.951

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

Description:

The Post Production Product Improvement (PPPI) program funds Material Improvement Program (MIP) projects that were discovered during aircraft production. There have been over 275 projects incorporated into production aircraft. About 60 projects remain to be retrofitted to post production aircraft to bring them up to production aircraft configuration. The projects are worked in conjunction with aircraft depot maintenance cycle every 5 years.

Funds remaining in the FYDP will be used to complete PPPI projects initiated with APAF.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Funding for this exhibit is contained in PE 0401130F.

Justification:

The FY 2018 budget supports PPPI for 20 MIP projects to be installed on 43 aircraft. MIP projects include Redesign Wing Fillet Panel, 1553 Data Bus Pre-Electrical Power Improvement Program Retrofit, Pneumatic Manifold Slip Joint Leakage, Lavatory Drain Leak, and Combined Altitude Radar Altimeter.

FY 2018 budget request also supports the procurement of common support equipment (CSE) and peculiar support equipment (PSE) for the C-17.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: C0V220 / CV-22 Post Production Support
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0401318F
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Line Item MDAP/MAIS Code: 212

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	16.931	3.353	0.000	4.500	0.000	4.500	0.000	0.000	0.000	0.000	-	24.784
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	16.931	3.353	0.000	4.500	0.000	4.500	0.000	0.000	0.000	0.000	-	24.784
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	16.931	3.353	0.000	4.500	0.000	4.500	0.000	0.000	0.000	0.000	-	24.784

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

Description:

The CV-22 is the US Air Force Special Operations Forces (SOF) variant of the joint multi-mission V-22 tilt-rotor aircraft. The aircraft provides long-range infiltration, exfiltration, and re-supply of SOF in politically sensitive and hostile/denied areas. The Navy is the lead service for the joint V-22 program and has overall responsibility for managing all V-22 variants, including the Air Force CV-22 variant.

CV-22 post production support funding enables the seamless transition from the production phase of the program to the operations and support (O&S) phase. Post production support funding will be used to procure support equipment and integrated logistics support (ILS) requirements necessary to sustain the worldwide CV-22 fleet.

Funding for this exhibit contained in PE 0401318F.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.

Justification:

\$4.5M added in FY18 for ground support equipment and ILS.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: C13500 / C-135
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0401218F
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	1.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	1.500
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	1.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	1.500
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	1.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	1.500

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

Description:

The KC-135 Pacer CRAG (Compass, Radar, & GPS) modification upgraded the KC-135 avionics suite from "round dial" to a digital backbone. The modification was installed from 1999-2002 and was supported by a 10 year "no fault" warranty for all repairs which expired in November 2011. The Global Air Traffic Management (GATM) modification was installed from 2002-2011 and is supported by a 10 year warranty which expires 30 June 2017. Funding is required to perform a GAP Analysis study/Depot study on a total of 27 LRUs to find the best long-term strategy in supporting, maintaining and repairing these components.

Funding for this exhibit is contained in PE 0401218F.

Justification:

No FY 2018 funding requested.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: DARP01 / RC-135
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0305207F
--	---	---

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	0.000	0.000	29.700	0.000	29.700	0.000	0.000	0.000	0.000	-	29.700
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	0.000	0.000	0.000	29.700	0.000	29.700	0.000	0.000	0.000	0.000	-	29.700
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	0.000	0.000	29.700	0.000	29.700	0.000	0.000	0.000	0.000	-	29.700

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

Description:

Funds of \$29.7M have been awarded to design and install one (1) COBRA BALL/COMBAT SENT/Airborne System Engineer training emulator. This device can train crew members from multiple positions as it is a computer based training system that can be modified to meet the crew being trained.

Funding for this exhibit is contained in PE 0305207F.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 DARP01 / RC-135

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0305207F

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost <i>(Each) / (\$ M)</i>					
P-40a	RC-135				- / 0.000	- / 0.000	- / 0.000	- / 29.700	- / 0.000	- / 29.700
P-40	Total Gross/Weapon System Cost				- / 0.000	- / 0.000	- / 0.000	- / 29.700	- / 0.000	- / 29.700

*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:

This program, Item COBRA BALL/COMBAT SENT/Airborne Systems Engineer Emulators, is a new start.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2 **P-1 Line Item Number / Title:** DARP01 / RC-135 **Aggregated Items Title:** RC-135

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
RC-135 Crew Member Training Devices																				
COBRA BALL/ COMBAT SENT/ Airborne Systems Engineer Emulators	A		-	-	0.000	-	-	0.000	-	-	0.000	29.700	1	29.700	-	-	0.000	29.700	1	29.700
Subtotal: RC-135 Crew Member Training Devices			-	-	0.000	-	-	0.000	-	-	0.000	-	-	29.700	-	-	0.000	-	-	29.700
Total			-	-	0.000	-	-	0.000	-	-	0.000	-	-	29.700	-	-	0.000	-	-	29.700

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

Remarks:

Funds of \$29.7M have been awarded to design and install a COBRA BALL/COMBAT SENT/Airborne System Engineer training emulator. This device can train crew members from multiple positions as it is a computer based training device that can be modified to meet the crew being trained.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: F01500 / F-15
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.000	20.000	0.000	20.000	0.000	0.000	0.000	0.000	-	20.000
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.000	20.000	0.000	20.000	0.000	0.000	0.000	0.000	-	20.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.000	20.000	0.000	20.000	0.000	0.000	0.000	0.000	-	20.000

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

Description:

F-15 Full Mission Trainers (FMT), PE 0207130F, is a new start.

F-15 C/D Full Mission Trainers (FMT), funded in PE 0207130F, supports the procurement of additional high-fidelity Full Mission Trainers (FMT) for the Combat Air Forces(CAF).

In accordance with Section 1815 of the FY2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency response, and providing military support to civil authorities.

Funds may be used to implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards (SCARS) initiative

No Research Development Test and Evaluation funding is associated with this effort.

Funds may be used to address Diminishing manufacturing Sources (DMS) efforts to include removal of end-of-life software/hardware within simulators systems and move to a modular, common open system architecture that is sustainable and cyber-resilient.

DMSMS costs are included in Group B NRE; SE/PM costs are include in the Group B recurring; and Depot Costs are included in the Support Equipment.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 F01500 / F-15

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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-40a	F-15				- / -	- / 0.000	- / 0.000	- / 20.000	- / 0.000	- / 20.000
P-40	Total Gross/Weapon System Cost				- / -	- / 0.000	- / 0.000	- / 20.000	- / 0.000	- / 20.000

*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:

This program, Item Full Mission Trainers (FMT), is a new start.

F-15 Full Mission Trainers (FMT), PE 0207130F, is a new start.
 supports the procurement of additional high-fidelity Full Mission Trainers (FMT) for the Combat Air Forces (CAF)

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2	P-1 Line Item Number / Title: F01500 / F-15	Aggregated Items Title: F-15
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Trainers																				
Full Mission Trainers (FMT)	A		-	-	-	-	-	0.000	-	-	0.000	4.000	5	20.000	-	-	0.000	4.000	5	20.000
Subtotal: Trainers			-	-	-	-	-	0.000	-	-	0.000	-	-	20.000	-	-	0.000	-	-	20.000
Total			-	-	-	-	-	0.000	-	-	0.000	-	-	20.000	-	-	0.000	-	-	20.000

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

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 F0150P / F-15

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207130F, 0207134F

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	3.208	2.980	2.524	0.000	2.524	2.566	2.610	2.658	2.711	-	19.257
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	3.208	2.980	2.524	0.000	2.524	2.566	2.610	2.658	2.711	-	19.257
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	3.208	2.980	2.524	0.000	2.524	2.566	2.610	2.658	2.711	-	19.257

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

Description:

The program continues post-production support of the F-15C/D and F-15E Electronic Systems Test Set (ESTS) and post production support for the F-15 tooling storage.

The F-15C/D Eagle is a highly maneuverable all-weather air superiority fighter. The F-15E Strike Eagle retains the basic air-to-air capability of the F-15C/D Eagle, but adds a weapon systems operator (WSO), rear cockpit, conformal fuel tanks and advanced systems for all-weather, day/night, all-altitude, deep penetration air-to-surface attack.

Provides continued support of post production tooling storage at Granite City, IL. This equipment is used for the manufacture, test, support, or repair of the F-15 aircraft and/or its associated system components. The retention of Special Tooling/Special Test Equipment (ST/STE) is based on past usage history, current spare/repair parts contracts, and projections for future requirements.

Funding may be used to resolve Diminishing Manufacturing Sources/Material Shortages (DMSMS) and/or obsolescence issues. DMSMS activities may include, but are not limited to, bridge buys, life of type buys, buys to protect production schedule, and minor engineering efforts for redesign.

DMSMS costs are included in Group B NRE; SE/PM costs are include in the Group B recurring; and Depot Costs are included in the Support Equipment.

Justification:

Funding provides continued support of the Electronic Systems Test Set (ESTS). Grounding of aircraft would result without this repair support.

Provides continued interim contractor support of post production tooling storage at Granite City, IL. Tooling is loaned/leased to support manufacturing of spares, as well as to support the execution of modification programs, life extension activities, and sustainment efforts.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: F0160P / F-16
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	8.969	15.155	18.051	0.000	18.051	18.613	22.021	25.611	19.873	-	128.293
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	8.969	15.155	18.051	0.000	18.051	18.613	22.021	25.611	19.873	-	128.293
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	8.969	15.155	18.051	0.000	18.051	18.613	22.021	25.611	19.873	-	128.293

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

Initial Spares (<i>\$ in Millions</i>)	-	0.472	-	-	-	-	-	-	-	-	-	0.472
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Provides funding for F-16 support equipment, facilities support, interim contractor support, PMA costs and production line shutdown activities for F-16 aircraft.

Funding for this exhibit is budgeted in PE 0207133F

Justification:

This appropriation is for the continuation of prime contractor post production support, procurement of deferred peculiar ground support equipment, peculiar training equipment, mission support, interim contract support, and activities associated with F-16 production line shutdown.

The USG stores tooling identified as required to be re-utilized to manufacture spares, support aircraft modifications, or other purposes. It would require millions of dollars to re-manufacture these tools and the delivery lead-time of the required tool/part would take several years to reproduce. Funding for these contracts is essential since the F-16 Program Offices require specialized engineering services to ensure continued fleet support capability during, and beyond, the Production Line Shutdown (PLS). The requirement is annual funding to maintain the Electronic Tool Inventory Management System (eTIMS) in cooperation with the Lexes Inc. and Lockheed Martin Aeronautics Inc, as well as the actual teardown, shipping and storage of unique aircraft manufacturing equipment.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: F02200 / F-22A
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.971	48.505	119.566	0.000	119.566	14.608	0.000	0.000	0.000	-	183.650
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.971	48.505	119.566	0.000	119.566	14.608	0.000	0.000	0.000	-	183.650
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.971	48.505	119.566	0.000	119.566	14.608	0.000	0.000	0.000	-	183.650

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

Description:

Funding will procure necessary support equipment and mission critical replenishment spares commensurate to the F-22's projected service life (2035+). The Raptor is the USAF top priority for ensuring air dominance in support of Joint Forces' operational access and homeland defense for the next 25+ years. The F-22 is the first and only multi-mission fighter that combines stealth, super cruise, advanced maneuverability and integrated avionics to make it the most capable anti-access, area denial combat aircraft.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 F02200 / F-22A

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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-40a	F-22A				- / -	- / 0.971	- / 48.505	- / 119.566	- / 0.000	- / 119.566
P-40	Total Gross/Weapon System Cost				- / -	- / 0.971	- / 48.505	- / 119.566	- / 0.000	- / 119.566

*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:

Funding will procure F-22A support equipment including but is not limited to:

- 1) SMS Wrap Around Test cables/testers (SWAT) capability to test the aircraft armament system.
- 2) Next Generation Polyalphaolefin (NextGen PAO) Carts required to cool and protect aircraft avionics systems.
- 3) A Mission Training Center (MTC) to enable the USAF Weapons School, at Nellis AFB.
- 4) A Multi-Bus Fault Isolation (MBFI) organically modified test program sets providing enhanced diagnostic test capabilities for the Raptor's 1553 avionics bus systems.

Funding will procure F-22A mission critical replenishment spares including but not limited to:

- 1) Landing gear, leading edge flaps, wings, horizontal stabs, etc. to support reversion and mishap aircraft.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2 **P-1 Line Item Number / Title:** F02200 / F-22A **Aggregated Items Title:** F-22A

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
Forward Support Equipment	A		-	-	-	-	-	0.971	-	-	48.505	-	-	19.566	-	-	0.000	-	-	19.566
Mission Critical Replenishment Spares	A		-	-	-	-	-	-	-	-	-	-	-	100.000	-	-	-	-	-	100.000
Subtotal: Uncategorized			-	-	-	-	-	0.971	-	-	48.505	-	-	119.566	-	-	0.000	-	-	119.566
Total			-	-	-	-	-	0.971	-	-	48.505	-	-	119.566	-	-	0.000	-	-	119.566

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

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: OTHACF / Other Aircraft
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0207701F
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.000	85.000	0.000	85.000	0.000	0.000	0.000	-	-	85.000
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.000	85.000	0.000	85.000	0.000	0.000	0.000	-	-	85.000
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.000	85.000	0.000	85.000	0.000	0.000	0.000	-	-	85.000

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

Description:

Other Aircraft contains funding for:

-F-16 Block 40/50 Mission Training Center (MTC), funded in PE 0207701F, supports the procurement of high fidelity, Distributed Mission Operations (DMO) capable flight simulators for F-16 Block 40 and 50 weapon systems. Each MTC includes multiple high-fidelity Simulator Cockpits, Instructor Operator Stations, a Threat Server and Brief/Debrief and Mission Observation capability. Each is capable of linking to geographically distributed high-fidelity combat and combat support training devices including Command and Control (C2) and Intelligence, Surveillance, and Reconnaissance (ISR) systems. Allows the warfighters at home station to exercise and train at the operational and strategic level of war as well as conduct networked unit-level training.

-Full Combat Mission Training (FCMT), Combat Air Forces Aircrew Training Devices funded in PE 0207701F, provides funds to procure aircrew trainers for the Combat Air Forces (CAF) and supports CAF participation in Air Force Distributed Mission Operations (DMO). DMO is an operational readiness initiative enabling the USAF to exercise and train at the operational and strategic levels of war while facilitating unit level training. Networked Live Virtual-Constructive components form the integrated DMO battle space by linking geographically distributed high fidelity combat and combat support training devices including C2 and ISR systems. Implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards (SCARS) initiative.

Funds may be used to address emerging and short-notice Diminishing Manufacturing and Material Shortage (DMSMS) issues. DMS efforts to include removal of end-of-life software/hardware within simulators systems and move to a modular, common open system architecture that is sustainable and cyber-resilient.

Funding for this exhibit contained in PE 0207701F.

Secondary Distribution	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022
AF	Quantity	0	0	0	0	0	0	0	0
	Total Obligation Authority	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AFNG	Quantity	0	0	18	0	18	0	0	0
	Total Obligation Authority	0.000	0.000	85.000	0.000	85.000	0.000	0.000	0.000
AFR	Quantity	0	0	0	0	0	0	0	0

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: OTHACF / Other Aircraft
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0207701F
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Line Item MDAP/MAIS Code: N/A

	Secondary Distribution	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022
	Total Obligation Authority	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total:	Quantity	0	0	18	0	18	0	0	0	0
Secondary Distribution	Total Obligation Authority	0.000	0.000	85.000	0.000	85.000	0.000	0.000	0.000	0.000

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
OTHACF / Other Aircraft

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207701F

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-40a	Other Aircraft				- / -	- / 0.000	- / 0.000	- / 85.000	- / 0.000	- / 85.000
P-40	Total Gross/Weapon System Cost				- / -	- / 0.000	- / 0.000	- / 85.000	- / 0.000	- / 85.000

*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:

This program, Item Full Combat Mission Training (FCMT), PE 0207701F; Combat Air Forces Aircrew Training Devices, is a new start.

FY18 funding will procure MTC's and Mission & Tactics Trainer - Guard (MTT-G) for Air National Guard (ANG) locations. \$56M acquires eight cockpits, comprising two four-ship MTCs (one each at two Air National Guard (ANG) locations for the F-16 Block 40/50 Mission Training Center. \$29M acquires ten F-16 MTT-G simulators for ANG locations.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2 **P-1 Line Item Number / Title:** OTHACF / Other Aircraft **Aggregated Items Title:** Other Aircraft

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
F-16 Block 40/50 Mission Training Centers (MTC), PE 0207701F																				
F-16 Block 40/50 Mission Training Centers (MTC), PE 0207701F	A		-	-	-	-	-	0.000	-	-	0.000	7.000	8	56.000	-	-	0.000	7.000	8	56.000
<i>Secondary Distribution</i>																				
AF				-	-		-	0.000		-	0.000		-	-		-	0.000		-	0.000
AFNG				-	-		-	-		-	-	8	56.000		-	-	-		8	56.000
Subtotal: F-16 Block 40/50 Mission Training Centers (MTC), PE 0207701F			-	-	-	-	-	0.000	-	-	0.000	-	-	56.000	-	-	0.000	-	-	56.000
Full Combat Mission Training (FCMT), PE 0207701F; Combat Air Forces Aircrew Training Devices																				
Full Combat Mission Training (FCMT), PE 0207701F; Combat Air Forces Aircrew Training Devices	A		-	-	-	-	-	0.000	-	-	0.000	2.900	10	29.000	-	-	0.000	2.900	10	29.000
<i>Secondary Distribution</i>																				
AF				-	-		-	0.000		-	0.000		-	-		-	0.000		-	0.000
AFNG				-	-		-	-		-	-	10	29.000		-	-	-		10	29.000
Subtotal: Full Combat Mission Training (FCMT), PE 0207701F; Combat Air Forces Aircrew Training Devices			-	-	-	-	-	0.000	-	-	0.000	-	-	29.000	-	-	0.000	-	-	29.000
Total			-	-	-	-	-	0.000	-	-	0.000	-	-	85.000	-	-	0.000	-	-	85.000

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

Remarks:
Funds may be used to address emerging and short-notice Diminishing Manufacturing and Material Shortage (DMSMS) issues.

DMS efforts to include removal of end-of-life software/hardware within simulators systems and move to a modular, common open system architecture that is sustainable and cyber-resilient. Implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards (SCARS) initiative.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: PRDTB1 / MQ-9
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	30.650	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	30.650
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	30.650	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	30.650
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	30.650	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	30.650

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

Description:

Funds MQ-9 Reaper Depot activation, including procuring depot repair equipment, depot repair spares, depot repair data, technical data, and technical data rights.

Funding for this exhibit contained in PE 0205219F.

Justification:

No FY18 funding requested.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support	P-1 Line Item Number / Title: RQ4DIS / RQ-4 Post Production Charges
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0305220F	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: 252

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.099	86.695	0.000	86.695	90.044	61.661	17.575	15.549	-	271.623
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.099	86.695	0.000	86.695	90.044	61.661	17.575	15.549	-	271.623
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.099	86.695	0.000	86.695	90.044	61.661	17.575	15.549	-	271.623

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

Initial Spares (<i>\$ in Millions</i>)	5.853	0.082	1.249	27.002	-	27.002	-	3.084	-	-	-	37.270
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-

Description:

RQ-4 post-production funding will support production line shutdown and disposition activities, sensor procurement and related activities, Optical Bar Camera (OBC) Sensor Interface Modules (SIM) procurement, as well as technology insertion activities in support of Better Buying Power initiatives.

RQ-4 sensor funding will support the total procurement and installation of two (2) MS-177A sensors, four (4) auxiliary equipment B-kits, support equipment, sensor calibration flights, training, data, Interim Contractor Support (ICS), and other costs to complete the fielding of the sensors. Fairings and sensor windows will also be procured in support of the sensors. The B-kits consist of the SIMs, airborne file servers, tooling, and other related equipment.

Post production support funding will support Global Hawk costs to shut down the production line upon completion of the production phase. Funds will also be utilized for the procurement of three (3) OBC SIMs.

Neither the MS-177 nor the OBC are replacing systems currently flown on the RQ-4. Presently, there are no developmental test results as the Program Office only awarded a contract to integrate the MS-177 onto the RQ-4 at the beginning of FY16.

Funding for this exhibit is contained in PE 0305220F. The flyaway unit cost is not included on P-40 exhibit because there are multiple P-5 Cost Analysis exhibits.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 2: Post Production Support

P-1 Line Item Number / Title:
 RQ4DIS / RQ-4 Post Production Charges

ID Code (A=Service Ready, B=Not Service Ready): B **Program Elements for Code B Items:** 0305220F **Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: 252

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 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	RQ-4 Post Production Charges		B		- / -	- / -	- / -	- / 19.268	- / -	- / 19.268
P-5	Sensors	P-5a, P-21	B		- / -	- / 0.000	- / 0.099	6 / 67.427	- / 0.000	6 / 67.427
P-40	Total Gross/Weapon System Cost				- / -	- / 0.000	- / 0.099	- / 86.695	- / 0.000	- / 86.695

*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:
 Post-production charges include the costs associated with production line disposition, procurement of sensors, and other related activities.

RQ-4 sensor funding will support the total procurement and installation of two (2) MS-177A sensors, four (4) auxiliary equipment B-kits, support equipment, sensor calibration flights, training, data, Interim Contractor Support (ICS), and other costs to complete the fielding of the sensors. Fairings and sensor windows will also be procured in support of the sensors. The B-kits consist of the Sensor Interface Modules (SIMs), airborne file servers, tooling, and other related equipment.

FY18 funds will be used to procure two (2) MS-177A sensors, four (4) auxiliary equipment B-kits, support equipment, fairings, sensor windows, ICS, and other related activities.

FY18 budget provides post production funding for production equipment disposition, contract closeout, sustaining engineering ramp down, mission support, production closeout costs, and other related costs.

Funding may be used to address Diminishing Manufacturing Sources (DMS) issues for which there are not sufficient Government spares and/or the ability to repair organically or commercially is not viable.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2	P-1 Line Item Number / Title: RQ4DIS / RQ-4 Post Production Charges	Item Number / Title [DODIC]: - / RQ-4 Post Production Charges

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	-	-	-	-	-
Gross/Weapon System Cost (\$ in Millions)	-	-	-	19.268	-	19.268
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	-	-	19.268	-	19.268
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	-	-	19.268	-	19.268

(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)	-	-	-	-	-	-

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware - Optical Bar Camera Cost																		
Recurring Cost																		
OBC SIMs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000
<i>Subtotal: Hardware - Optical Bar Camera Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000
Support - RQ-4 Post Production Support Cost																		
Production Line Disposition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.000
DMS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000
Change Orders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000
Other Government Costs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.518
PMA Contractor Services	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.750
<i>Subtotal: Support - RQ-4 Post Production Support Cost</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.268
Gross/Weapon System Cost	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.268

Remarks:

FY18 funds will be used for production line disposition and shutdown activities, Diminishing Manufacturing Sources (DMS), change requests, program management support functions, and other related activities required to support the RQ-4 aircraft and sensors.

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2	P-1 Line Item Number / Title: RQ4DIS / RQ-4 Post Production Charges	Item Number / Title [DODIC]: - / Sensors

ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:
---	------------------------

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (Units in Each)	-	-	-	6	-	6
Gross/Weapon System Cost (\$ in Millions)	-	0.000	0.099	67.427	0.000	67.427
Less PY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Net Procurement (P-1) (\$ in Millions)	-	0.000	0.099	67.427	0.000	67.427
Plus CY Advance Procurement (\$ in Millions)	-	-	-	-	-	-
Total Obligation Authority (\$ in Millions)	-	0.000	0.099	67.427	0.000	67.427

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

Initial Spares (\$ in Millions)	5.853	0.082	1.249	27.002	-	27.002
Gross/Weapon System Unit Cost (\$ in Millions)	-	-	-	11.238	-	11.238

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware - Sensors Cost																		
Recurring Cost																		
MS-177A Sensors ^(†)	-	-	-	-	-	0.000	-	-	-	9.925	2	19.850	-	-	0.000	9.925	2	19.850
Auxiliary Equipment B-Kits	-	-	-	-	-	0.000	-	-	-	2.183	4	8.732	-	-	0.000	2.183	4	8.732
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	0.000	-	-	-	-	-	28.582	-	-	0.000	-	-	28.582
<i>Subtotal: Hardware - Sensors Cost</i>	-	-	-	-	-	0.000	-	-	-	-	-	28.582	-	-	0.000	-	-	28.582
Support - Sensors Cost																		
Sensor Calibration	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
Support Equipment	-	-	-	-	-	-	-	-	-	-	-	6.375	-	-	-	-	-	6.375
Change Orders	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
Interim Contractor Support	-	-	-	-	-	-	-	-	0.099	-	-	8.960	-	-	-	-	-	8.960
Other Government Costs	-	-	-	-	-	-	-	-	-	-	-	2.500	-	-	-	-	-	2.500
Equipment Installations	-	-	-	-	-	-	-	-	-	-	-	0.000	-	-	-	-	-	0.000
Other Contractor Costs	-	-	-	-	-	-	-	-	-	-	-	21.010	-	-	-	-	-	21.010
<i>Subtotal: Support - Sensors Cost</i>	-	-	-	-	-	-	-	-	0.099	-	-	38.845	-	-	-	-	-	38.845
Gross/Weapon System Cost	-	-	-	-	-	0.000	-	-	0.099	11.238	6	67.427	-	-	0.000	11.238	6	67.427

Remarks:

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2	P-1 Line Item Number / Title: RQ4DIS / RQ-4 Post Production Charges	Item Number / Title [DODIC]: - / Sensors
ID Code (A=Service Ready, B=Not Service Ready) : B	MDAP/MAIS Code:	
<p>RQ-4 sensor funding will support the total procurement and installation of two (2) MS-177A sensors, four (4) auxiliary equipment B-kits, support equipment, sensor calibration flights, training, data, Interim Contractor Support (ICS), and other costs to complete the fielding of the sensors. Fairings and sensor windows will also be procured in support of the sensors. The B-kits consist of the Sensor Interface Modules (SIMs), airborne file servers, tooling, and other related equipment.</p> <p>FY18 funds will be used to procure two (2) MS-177A sensors, four (4) auxiliary equipment B-kits, support equipment, fairings, sensor windows, ICS, and other related activities.</p> <p>-Projected MS-177 schedule- Projected DTE completion: Aug 2017 Projected OTE completion: Dec 2017 Projected IOC: Dec 2017</p> <p>(t) indicates the presence of a P-5a</p>		

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Exhibit P-5a, Procurement History and Planning: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2	P-1 Line Item Number / Title: RQ4DIS / RQ-4 Post Production Charges	Item Number / Title [DODIC]: - / Sensors
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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 <i>(Each)</i>	Unit Cost <i>(\$ M)</i>	Specs Avail Now?	Date Revision Available	RFP Issue Date
MS-177A Sensors ^(†)		2018	United Technology Corporation Aerospace Systems / Westford, MA	SS / FFP	AFLCMC Wright Patterson AFB	Mar 2018	Sep 2020	2	9.925	N	Jun 2017	Apr 2017

^(†) indicates the presence of a P-21

Remarks:

RQ-4 sensor funding will support the total procurement and installation of two (2) MS-177A sensors, four (4) auxiliary equipment B-kits, support equipment, sensor calibration flights, training, data, Interim Contractor Support (ICS), and other costs to complete the fielding of the sensors. Fairings and sensor windows will also be procured in support of the sensors. The B-kits consist of the Sensor Interface Modules (SIMs), airborne file servers, tooling, and other related equipment.

FY18 funds will be used to procure two (2) MS-177A sensors, four (4) auxiliary equipment B-kits, support equipment, fairings, sensor windows, ICS, and other related activities.

Specs are developmental.

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2 **P-1 Line Item Number / Title:** RQ4DIS / RQ-4 Post Production Charges **Item Number / Title [DODIC]:** - / Sensors

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2018												Fiscal Year 2019												BALANCE	
O C 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
MS-177A Sensors																															
	1	2018	AF		2	0	2																							2	

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Exhibit P-21, Production Schedule: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2 **P-1 Line Item Number / Title:** RQ4DIS / RQ-4 Post Production Charges **Item Number / Title [DODIC]:** - / Sensors

Cost Elements <i>(Units in Each)</i>						Fiscal Year 2020												Fiscal Year 2021												BALANCE	
O C 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
MS-177A Sensors																															
	1	2018	AF	2	0	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1									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: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 2	P-1 Line Item Number / Title: RQ4DIS / RQ-4 Post Production Charges	Item Number / Title [DODIC]: - / Sensors
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MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	United Technology Corporation Aerospace Systems - Westford, MA	1	1	7	0	6	30	36	0	0	0	0

"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, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 3: Industrial Preparedness

P-1 Line Item Number / Title:
000073 / Industrial Responsiveness

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

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	18.802	28.026	14.739	0.000	14.739	15.123	15.497	15.910	16.229	-	124.326
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	18.802	28.026	14.739	0.000	14.739	15.123	15.497	15.910	16.229	-	124.326
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	18.802	28.026	14.739	0.000	14.739	15.123	15.497	15.910	16.229	-	124.326

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

Description:

1. The Air Force Industrial Preparedness program element combines the resources of several appropriations (Aircraft Procurement, Missile Procurement, and Operation and Maintenance) to create a comprehensive program that aids in ensuring the defense industry can supply reliable, affordable systems to operational commanders. The Aircraft Procurement part of Industrial Preparedness support 1) management and upkeep of government-owned industrial plants; 2) management of industrial base assessments; and 3) environmental compliance program at government-owned industrial plants.

2. Three basic activities are funded in this appropriation: Industrial Facilities, Industrial Base Assessments and Environmental Activities (Environmental Compliance).

Industrial Facility Capital Type Rehabilitation cost element (MPC 3000): Provides for repair and expansion, major capital rehabilitation, construction, demolition, equipment movement and energy conservation at government-owned, contractor-operated industrial facilities. These plants are the backbone of defense weapon system assembly and maintenance for the B-21, B-2, U-2, F-16, F-15SA, P-3 C-130, C-5B, RQ-4 Global Hawk, F-35 Joint Strike Fighter & classified programs.

Industrial Base Assessment cost element (MPC 6000): Provides for the identification, analysis and assessment of industrial base concerns dealing with aircraft research and development, production, and sustainment. These assessments provide timely and accurate industrial base information to support Air Force decisions on 1) aircraft weapon system acquisition risks; 2) budget allocation investments; 3) weapon system sustainment and logistics support; and 4) defense industry mergers, acquisitions, and divestitures. Supports joint-Service industrial base planning on shared commodities, technologies, and facilities.

Environmental compliance cost element (MPC 7000) provides for the efforts needed to maintain compliance with federal, state, and local regulatory requirements regarding operation of the government-owned contractor-operated industrial facilities.

Funding for this exhibit is contained in PE 78011F.

Justification:

FY2018 requirements are for MPC 3000 Capital Type Rehabilitation, MPC 6000 Industrial Base Assessment, and MPC 7000 Environmental Compliance.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 3: Industrial Preparedness	P-1 Line Item Number / Title: C130J0 / C-130J
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.000	102.000	0.000	102.000	0.000	46.830	0.000	0.000	-	148.830
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.000	102.000	0.000	102.000	0.000	46.830	0.000	0.000	-	148.830
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.000	102.000	0.000	102.000	0.000	46.830	0.000	0.000	-	148.830

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

Description:

The C-130J is a medium-size transport aircraft capable of performing a variety of combat delivery (tactical airlift) operations across a broad range of mission environments. The C-130J aircraft, with its extended (by 15 ft.) fuselage, provides additional cargo carrying capacity compared with legacy C-130Hs and the C-130J (short).

Other variants of the USAF C-130J fleet are short-bodied aircraft and include the EC-130J (airborne psychological operations), WC-130J (weather reconnaissance), HC-130J (combat search and rescue), MC-130J (special operations), and the AC-130J (close air support and armed reconnaissance).

Program funding includes Diminishing Manufacturing Sources.

Training systems are required for both initial qualification and continued proficiency and the funding for this exhibit is contained in the Air Mobility Training PE 0401879F.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 3: Industrial Preparedness

P-1 Line Item Number / Title:
 C130J0 / C-130J

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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-40a	C-130J				- / -	- / -	- / -	- / 102.000	- / -	- / 102.000
P-40	Total Gross/Weapon System Cost				- / -	- / 0.000	- / 0.000	- / 102.000	- / 0.000	- / 102.000

*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:
 FY18 includes funding for three Weapon System Trainers (WST). One WST will go to the C-130J School House at Little Rock AFB AR, one to the California Air National Guard unit at Channel Islands CA, and one to the Pennsylvania Air National Guard unit at Harrisburg PA.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 3	P-1 Line Item Number / Title: C130J0 / C-130J	Aggregated Items Title: C-130J
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
WST																				
WST	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102.000
Subtotal: WST			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102.000
Total			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102.000

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

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 4: War Consumables	P-1 Line Item Number / Title: 000074 / War Consumables
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ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0207040F, 0305116F
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	156.465	120.036	37.647	0.000	37.647	34.282	27.657	41.102	41.302	-	458.491
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	156.465	120.036	37.647	0.000	37.647	34.282	27.657	41.102	41.302	-	458.491
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	156.465	120.036	37.647	0.000	37.647	34.282	27.657	41.102	41.302	-	458.491

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

Description:

This program provides funding for the procurement of initial/replacement War Consumables and includes commodities such as Miniature Air Launched Decoy Jammers (MALD-J), Fiber Optic Towed Decoys (FOTD), and Rocket-Assisted Take-Off (RATO) motors. These items support War Reserve Materiel (WRM) requirements and fleet inventory objectives across multiple weapon systems.

DESCRIPTION:

The Miniature Air Launched Decoy (MALD) and Jammer (MALD-J) configurations are key enablers supporting Air Force Global Strike, Global Response, Space and C4ISR, and Air and Space Expeditionary Force Concepts of Operation. MALD is a low cost, powered, expendable decoy designed to represent the kinematics and radar signature characteristics of various combat aircraft. The MALD will be employed from various aircraft platforms to stimulate, saturate, and deceive integrated air defense systems (IADS) thus increasing the survivability of strike aircraft. MALD production is complete and transitioned to sustainment. MALD-J is currently in production and is the DODs only stand-in jamming capability for Airborne Electronic Attack Systems. MALD-J is designed to degrade or deny the IADS detection of friendly aircraft or munitions, and is able to operate in both decoy and jammer modes.

The MALD program plans to use some funds to address emerging and short-notice Diminishing Manufacturing and Material Shortage (DMSMS) issues, obsolescence issues, and reliability improvements, including flight testing.

DESCRIPTION:

The ALE-70 Towed Decoy is a countermeasures dispenser system designed to fit into the F-35 Joint Strike Fighter (JSF) aircraft. The ALE-70 provides aircraft self-protection against radar guided missiles. Funds procure all system components: decoys, canisters, and explosive cartridges to deploy the decoys.

DESCRIPTION:

Items Less Than \$5M: The Rocket-Assisted Take-Off (RATO) motor is a solid propellant rocket used to provide launching thrust to the Air Force Subscale Aerial Target (AFSAT) drone (BQM-167). Support items include reefing line cutters, igniters, and initiators. The RATO and the associated support items are single use items.

Funding for this exhibit contained in Program Elements PE 0207442F, 0305116F, and 0207040F.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 4: War Consumables

P-1 Line Item Number / Title:
 000074 / War Consumables

ID Code (A=Service Ready, B=Not Service Ready): A **Program Elements for Code B Items:** N/A **Other Related Program Elements:** 0207040F, 0305116F

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)					
P-40a	ITEMS LESS THAN \$5,000,000				- / -	- / 0.000	- / 4.460	- / 4.560	- / 0.000	- / 4.560
P-5	MINIATURE AIR LAUNCHED DECOY		A		- / -	- / 150.038	- / 97.212	- / 0.159	- / 0.000	- / 0.159
P-40a	Multi-Platform Electronic Warfare Equipment				- / -	- / 6.427	- / 18.364	- / 32.928	- / 0.000	- / 32.928
P-40	Total Gross/Weapon System Cost				- / -	- / 156.465	- / 120.036	- / 37.647	- / 0.000	- / 37.647

*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:
 ALE-70 Towed Decoy: FY18 funds procure all system components: decoys, canisters, and explosive cartridges to deploy the decoys

Items Less Than \$5M: FY18 funding required to procure RATOs, Initiators, Cutter Cartridges, and MK-17 Igniters for BQM-167s.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 4 **P-1 Line Item Number / Title:** 000074 / War Consumables **Aggregated Items Title:** ITEMS LESS THAN \$5,000,000

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
RATO	A		-	-	-	-	-	0.000	0.031	135	4.243	0.032	135	4.310	-	-	0.000	0.032	135	4.310
Initiator	A		-	-	-	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Mk-17 Igniter	A		-	-	-	-	-	0.000	0.000	200	0.090	-	-	0.000	-	-	0.000	-	-	0.000
H1.4 Cutter	A		-	-	-	-	-	0.000	0.000	1,000	0.127	0.000	1,968	0.250	-	-	0.000	0.000	1,968	0.250
Subtotal: Uncategorized			-	-	-	-	-	0.000	-	-	4.460	-	-	4.560	-	-	0.000	-	-	4.560
Total			-	-	-	-	-	0.000	-	-	4.460	-	-	4.560	-	-	0.000	-	-	4.560

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

Remarks:

RATO procurement costs account for First Article Testing of new assets, transportation costs, inert motors for training, and travel costs

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Exhibit P-5, Cost Analysis: FY 2018 Air Force		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 4	P-1 Line Item Number / Title: 000074 / War Consumables	Item Number / Title [DODIC]: - / MINIATURE AIR LAUNCHED DECOY

ID Code (A=Service Ready, B=Not Service Ready) : A	MDAP/MAIS Code:
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Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	150.038	97.212	0.159	0.000	0.159
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	150.038	97.212	0.159	0.000	0.159
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	150.038	97.212	0.159	0.000	0.159

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

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

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

Cost Elements	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware - MINIATURE AIR LAUNCHED DECOY Cost																		
Recurring Cost																		
MALD-J LOT 9	-	-	-	0.329	342	112.600	-	-	-	-	-	-	-	-	-	-	-	-
MALD-J LOT 10	-	-	-	0.380	60	22.817	0.380	140	53.239	-	-	-	-	-	-	-	-	-
Reliability/Test Support/Obsolescence	-	-	-	-	-	12.396	-	-	25.922	-	-	0.159	-	-	-	-	-	0.159
PMA - Government Cost	-	-	-	-	-	0.707	-	-	2.150	-	-	-	-	-	-	-	-	-
PMA - Contractor Support	-	-	-	-	-	1.518	-	-	4.401	-	-	-	-	-	0.000	-	-	0.000
ECO	-	-	-	-	-	0.000	-	-	11.500	-	-	0.000	-	-	-	-	-	0.000
<i>Subtotal: Recurring Cost</i>	-	-	-	-	-	150.038	-	-	97.212	-	-	0.159	-	-	0.000	-	-	0.159
<i>Subtotal: Hardware - MINIATURE AIR LAUNCHED DECOY Cost</i>	-	-	-	-	-	150.038	-	-	97.212	-	-	0.159	-	-	0.000	-	-	0.159
Gross/Weapon System Cost	-	-	-	-	-	150.038	-	-	97.212	-	-	0.159	-	-	0.000	-	-	0.159

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force															Date: May 2017				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 4						P-1 Line Item Number / Title: 000074 / War Consumables						Aggregated Items Title: Multi-Platform Electronic Warfare Equipment							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Hardware																				
ALE-70 Towed Decoy	A		-	-	-	-	-	6.427	0.058	318	18.364	0.058	563	32.928	-	-	0.000	0.058	563	32.928
Subtotal: Hardware			-	-	-	-	-	6.427	-	-	18.364	-	-	32.928	-	-	0.000	-	-	32.928
Total			-	-	-	-	-	6.427	-	-	18.364	-	-	32.928	-	-	0.000	-	-	32.928

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

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 5: Other Production Charges	P-1 Line Item Number / Title: 000075 / Other Production Charges
--	---

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

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	1,118.875	1,424.524	1,339.160	0.000	1,339.160	1,371.413	1,194.994	1,312.564	1,209.438	-	8,970.968
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	1,118.875	1,424.524	1,339.160	0.000	1,339.160	1,371.413	1,194.994	1,312.564	1,209.438	-	8,970.968
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	1,118.875	1,424.524	1,339.160	0.000	1,339.160	1,371.413	1,194.994	1,312.564	1,209.438	-	8,970.968

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

Description:

The Miscellaneous Production Charges program provides for items which are not directly related to other procurement line items in this appropriation, cannot be reasonably allocated and charged to other procurement line items in this appropriation, can be managed as separate end items, may contain certain classified programs, and may be alternate mission equipment, not considered a modification, for out of production systems.

The major efforts supported in FY18 include funding for sustaining Electronic Attack pods, towed decoys and associated test equipment; B-2 and F-22 Depot Core Activation; ICBM Helicopter, Aerial Targets and the required U.S. contribution for projects defined by the NATO Airborne Early Warning and Control (NAEWC) Board of Directors and approved by the U.S. government.

The program has associated Research Development Test and Evaluation funding in PEs 0207040F, 0207249F, 0305116F, 0305164F, 0604233F, 0604240F, 0604735F, 0207138F, 0207170F, 0207136F, and 0205219F.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity:
3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 5: Other Production Charges

P-1 Line Item Number / Title:
000075 / Other Production Charges

ID Code (A=Service Ready, B=Not Service Ready): **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 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 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	Arms Control Implementation				- / -	- / -	- / 4.497	- / -	- / -	- / -
P-40a	B-2 Squadrons				- / -	- / 6.050	- / 15.022	- / 19.091	- / 0.000	- / 19.091
P-40a	B-52				- / -	- / 3.960	- / -	- / -	- / -	- / -
P-40a	C-5 Airlift Squadrons (IF)				- / -	- / 0.000	- / 0.694	- / 5.067	- / 0.000	- / 5.067
P-40a	Classified Programs				- / -	- / 980.491	- / 1,075.729	- / 1,153.569	- / -	- / 1,153.569
P-40a	Combat Training Range Equipment				- / -	- / -	- / 1.662	- / -	- / -	- / -
P-40a	Electronic Warfare Integrated Reprogramming (EWIR)				- / -	- / 0.836	- / 3.614	- / 3.663	- / -	- / 3.663
P-40a	F-15E Radar Depot Stand-Up				- / -	- / 0.000	- / 0.000	- / 28.900	- / -	- / 28.900
P-40a	F-22A Squad				- / -	- / 2.000	- / 59.347	- / 1.847	- / 0.000	- / 1.847
P-40a	ICBM Helicopter Support				- / -	- / 5.167	- / 25.167	- / 11.978	- / -	- / 11.978
P-40a	Industrial Preparedness				- / -	- / 2.897	- / 2.305	- / 2.358	- / 0.000	- / 2.358
P-40a	MQ-9 UAV				- / -	- / 5.000	- / 35.650	- / 36.368	- / 0.000	- / 36.368
P-40a	Multi-Platform Electronic Warfare Equipment (EW POD)				- / -	- / 31.395	- / 61.522	- / 1.103	- / -	- / 1.103
P-40a	Precision Attack Systems Procurement				- / -	- / 14.024	- / 24.149	- / 0.000	- / -	- / 0.000
P-40a	RQ-4 UAV				- / -	- / -	- / 2.973	- / 8.784	- / -	- / 8.784
P-40a	Service Support to NATO AEWG Program				- / -	- / 59.086	- / 49.548	- / 50.652	- / -	- / 50.652
P-40a	Aerial Targets				- / -	- / 7.969	- / 19.345	- / 15.780	- / -	- / 15.780
P-40a	Special Evaluation System				- / -	- / 0.000	- / 43.300	- / 0.000	- / -	- / 0.000
P-40	Total Gross/Weapon System Cost				- / -	- / 1,118.875	- / 1,424.524	- / 1,339.160	- / 0.000	- / 1,339.160

*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.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5 **P-1 Line Item Number / Title:** 000075 / Other Production Charges **Aggregated Items Title:** Arms Control Implementation

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / Arms Control Implementation	A		-	-	-	-	-	-	-	-	4.497	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	4.497	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	-	-	-	4.497	-	-	-	-	-	-	-	-	-

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

Remarks:
Funding for this exhibit contained in PE 0305145F

The OC-135B aircraft supports the implementation of the United States Government (USG) Open Skies Treaty. Mission equipment on the OC-135B includes wet film optical framing and panoramic cameras. Open Skies Sensors program addresses the requirements in the Presidential Policy Directive-15 (PPD-15), which states, "The United States shall begin budgeting no later than Fiscal Year 2014 to upgrade the sensors on the current aircraft by replacing film-based cameras with available electro-optical sensors.(U)" Additionally, current cameras are nearly obsolete, frequently unreliable, hard and increasingly expensive to maintain, and repair parts must be individually manufactured. In addition, the web film manufacturers are discontinuing production of the film stock.

This camera replacement program will replace the wet film cameras with modern, digital cameras. This program will result in modern, digital cameras with higher reliability, maintainability and cost effectiveness. The customer of the imagery will be able to more readily use the imagery products and the equipment service life will be extended significantly.

OC-135B fleet consists of two aircraft. Both aircraft will be modified. One aircraft will be modified during development using RDT&E funds. Each aircraft will receive one A-kit and two B-kits to comply with treaty requirements.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date: May 2017**

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: B-2 Squadrons
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / B-2 Squadrons	A		-	-	-	-	-	6.050	-	-	15.022	-	-	19.091	-	-	0.000	-	-	19.091
Subtotal: Uncategorized			-	-	-	-	-	6.050	-	-	15.022	-	-	19.091	-	-	0.000	-	-	19.091
Total			-	-	-	-	-	6.050	-	-	15.022	-	-	19.091	-	-	0.000	-	-	19.091

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

Remarks:

These funds will be used to achieve Depot Activation of B-2 components as well as new components stemming from B-2 aircraft modification programs as directed by HQ AFMC via the Source of Repair Assignment process and includes associated travel. Depot Activation efforts continue to include purchase of automated test equipment, data, and development of Test Program Set (TPS) software to support establishment of an organic repair capability for B-2 avionics and mechanical components. BP19 funds will also continue to replace multiple obsolete and unsupported Special Test Equipment (STE) in use by repair contractors.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: B-52
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / B-52	A		-	-	-	-	-	3.960	-	-	-	-	-	-	-	-	-	-	-	
Subtotal: Uncategorized			-	-	-	-	-	3.960	-	-	-	-	-	-	-	-	-	-	-	
Total			-	-	-	-	-	3.960	-	-	-	-	-	-	-	-	-	-	-	

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

Remarks:

The 1760 Internal Weapons Bay Upgrade (IWBU) Depot Source Of Repair (DSOR) identified the Survivability & Vulnerability (S&V) Junction box as a candidate for depot repair, with OC-ALC designated as the depot. FY18 - no funding being requested.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: C-5 Airlift Squadrons (IF)
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / C-5	A		-	-	-	-	-	0.000	-	-	0.694	-	-	5.067	-	-	0.000	-	-	5.067
Subtotal: Uncategorized			-	-	-	-	-	0.000	-	-	0.694	-	-	5.067	-	-	0.000	-	-	5.067
Total			-	-	-	-	-	0.000	-	-	0.694	-	-	5.067	-	-	0.000	-	-	5.067

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

Remarks:

Funds are to be used to support depot activation requirements for the C-5 core mission computer/weather radar (CMC/WxRadar) program and reliability enhancement and re-engining program (RERP).

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: Classified Programs
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / Classified Programs	A		-	-	-	-	-	980.491	-	-	1,075.729	-	-	1,153.569	-	-	-	-	-	1,153.569
Subtotal: Uncategorized			-	-	-	-	-	980.491	-	-	1,075.729	-	-	1,153.569	-	-	-	-	-	1,153.569
Total			-	-	-	-	-	980.491	-	-	1,075.729	-	-	1,153.569	-	-	-	-	-	1,153.569

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

Remarks:

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: Combat Training Range Equipment
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / Combat Training Range Equipment	A		-	-	-	-	-	-	-	-	1.662	-	-	-	-	-	-	-	-	-
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	1.662	-	-	-	-	-	-	-	-	-
Total			-	-	-	-	-	-	-	-	1.662	-	-	-	-	-	-	-	-	-

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

Remarks:
The P5 Combat Training System (P5CTS) provides instrumentation to train aircrews in air-to-air, air-to-ground, and ground-to-air combat under simulated combat conditions in any available airspace worldwide and eliminates the need to fly over highly instrumented ground ranges. The system also provides the capability to train aircrews in electronic warfare during joint-force training exercises. FY 18: No funding is being requested.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force															Date: May 2017				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5						P-1 Line Item Number / Title: 000075 / Other Production Charges						Aggregated Items Title: Electronic Warfare Integrated Reprogramming (EWIR)							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / Electronic Warfare Integrated Reprogramming (EWIR)	A		-	-	-	-	-	0.836	-	-	3.614	-	-	3.663	-	-	-	-	-	3.663
Subtotal: Uncategorized			-	-	-	-	-	0.836	-	-	3.614	-	-	3.663	-	-	-	-	-	3.663
Total			-	-	-	-	-	0.836	-	-	3.614	-	-	3.663	-	-	-	-	-	3.663

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

Remarks:
This program funds equipment and aircraft system components to provide critical reprogramming of Electronic Warfare (EW) systems for all Air Force and Foreign Military Sales customers. FY18 funding continues these efforts.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5 **P-1 Line Item Number / Title:** 000075 / Other Production Charges **Aggregated Items Title:** F-15E Radar Depot Stand-Up

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / APG-82(V)1 Depot Standup Program Office Estimate	A		-	-	-	-	-	0.000	-	-	0.000	-	-	28.900	-	-	-	-	-	28.900
Subtotal: Uncategorized			-	-	-	-	-	0.000	-	-	0.000	-	-	28.900	-	-	-	-	-	28.900
Total			-	-	-	-	-	0.000	-	-	0.000	-	-	28.900	-	-	-	-	-	28.900

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

Remarks:

This is an FY2018 new start.

Funding for this exhibit is contained in PE 0207134F.

The F-15E is a twin engine, two seat, supersonic dual-role, day/night, all-weather, deep interdiction fighter with multi-role air-to-air capabilities. F-15E Radar Modernization Program (RMP), designated the APG-82(V)1, replaces 217 legacy F-15E radars with an active electronically scanned array radar, using existing technology from other DOD platforms. It solves parts obsolescence problems and provides improved reliability and performance, including air-to-air and air-to-ground modes. It also provides for future growth.

These funds will be used to support depot stand-up/activation for the F-15E APG-82(V)1 radar, also known as the Radar Modernization Program (RMP).

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: F-22A Squad
---	---	---

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / F-22	A		-	-	-	-	-	2.000	-	-	59.347	-	-	1.847	-	-	0.000	-	-	1.847
Subtotal: Uncategorized			-	-	-	-	-	2.000	-	-	59.347	-	-	1.847	-	-	0.000	-	-	1.847
Total			-	-	-	-	-	2.000	-	-	59.347	-	-	1.847	-	-	0.000	-	-	1.847

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

Remarks:

This funding provides for out of production system items not directly related to other procurement line items. This funding also provides for depot activations-- supporting the F-22's core determination and source of repair at the three Air Logistics Complexes (ALCs). Funding enables initial activation of depot repair capabilities (i.e. tools and equipment, facility modification, training) for F-22 aircraft as well as engine components, sub-assemblies, structures, and software.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: ICBM Helicopter Support
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / UH-1N Service Life Extension Program (SLEP)	A		-	-	-	-	-	5.167	-	-	25.167	-	-	11.978	-	-	-	-	-	11.978
Subtotal: Uncategorized			-	-	-	-	-	5.167	-	-	25.167	-	-	11.978	-	-	-	-	-	11.978
Total			-	-	-	-	-	5.167	-	-	25.167	-	-	11.978	-	-	-	-	-	11.978

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

Remarks:

The UH-1N is a 45+ year old helicopter and requires work to address concerns identified within multiple studies which will prevent aircraft groundings. This program will accomplish a Service Life Extension Program (SLEP) for a portion of the UH-1N fleet to address issues with this aging fleet, e.g., structural repairs, replacement of key systems based on structural fatigue, system obsolescence and a diminishing manufacturing industrial base. Additionally, this effort will address safety requirements; Federal Aviation Administration, DoD and engineering mandates; and configuration changes. This effort includes funding for the UH-1N System Program Office (e.g., A&AS, support, travel). The funds budgeted over the FYDP will enable the SLEP of up to 63 aircraft required to meet mission requirements until a UH-1N replacement helicopter can be fielded.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: Industrial Preparedness
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / Industrial Preparedness	A		-	-	-	-	-	2.897	-	-	2.305	-	-	2.358	-	-	0.000	-	-	2.358
Subtotal: Uncategorized			-	-	-	-	-	2.897	-	-	2.305	-	-	2.358	-	-	0.000	-	-	2.358
Total			-	-	-	-	-	2.897	-	-	2.305	-	-	2.358	-	-	0.000	-	-	2.358

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

Remarks:

This budget item covers pollution prevention activities at USAF industrial government owned, contractor operated (GOCO) facilities to reduce emission of hazardous materials to air, land, and water, while reducing the cost to the Air Force as facility owner, as a customer for products manufactured in the plants, and through process improvements that can be transitioned to Air Force users. Demonstration and validation of improved manufacturing process that reduce emissions, regulatory burdens, and weapon systems life cycle costs; energy conservation initiatives; pollution prevention opportunity assessments; and recovery/recycling to minimize hazardous waste. These activities meet Air Force pollution prevention goals and reduce the AF ownership cost of the facilities and weapon systems. This budget activity supports Air Force goals under the Pollution Prevention Act, Executive Orders 13423 and 13514, the AF/CV and SAF/IE Pollution Prevention Policy, the USD(AT&L) hexavalent chromium reduction policy, and the Resource Conservation and Recovery Act.

Funding for this exhibit is contained in PE 78011F in FY16 and beyond. Prior to FY15, these funds were provided through PE 078054F.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: MQ-9 UAV
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / MQ-9	A		-	-	-	-	-	5.000	-	-	35.650	-	-	36.368	-	-	0.000	-	-	36.368
Subtotal: Uncategorized			-	-	-	-	-	5.000	-	-	35.650	-	-	36.368	-	-	0.000	-	-	36.368
Total			-	-	-	-	-	5.000	-	-	35.650	-	-	36.368	-	-	0.000	-	-	36.368

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

Remarks:

Funds required for MQ-9 Reaper organic depot maintenance activation. Funds will be used to define, design, produce, deliver, install, checkout, and stand up organic depot maintenance activation capabilities for the MQ-9 Reaper. This includes, but is not limited to, logistics support analysis, depot level support equipment/tooling, depot level spares, depot level technical repair/test data, depot level training, depot level calibration requirements/tools, depot level computer resources, software/software source code, software documentation, and technical data rights needed to perform organic depot maintenance activation.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force															Date: May 2017				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5						P-1 Line Item Number / Title: 000075 / Other Production Charges						Aggregated Items Title: Multi-Platform Electronic Warfare Equipment (EW POD)							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / EW POD	A		-	-	-	-	-	31.395	-	-	61.522	-	-	1.103	-	-	-	-	-	1.103
Subtotal: Uncategorized			-	-	-	-	-	31.395	-	-	61.522	-	-	1.103	-	-	-	-	-	1.103
Total			-	-	-	-	-	31.395	-	-	61.522	-	-	1.103	-	-	-	-	-	1.103

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

Remarks:
 Provides funding for sustaining Electronic Attack pods and towed decoys and associated test equipment. This equipment is used to counter adversary ground and airborne radar systems used to detect and target Air Force aircraft.
 Funds may be used to address emerging and short-notice Diminishing Manufacturing and Material Shortage (DMSMS) issues.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5 **P-1 Line Item Number / Title:** 000075 / Other Production Charges **Aggregated Items Title:** Precision Attack Systems Procurement

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / Precision Attack Systems Procurement	A		-	-	-	-	-	14.024	-	-	24.149	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Uncategorized			-	-	-	-	-	14.024	-	-	24.149	-	-	0.000	-	-	-	-	-	0.000
Total			-	-	-	-	-	14.024	-	-	24.149	-	-	0.000	-	-	-	-	-	0.000

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

Remarks:

Advanced Targeting Pods (ATPs) provide long-range target acquisition and expanded weapon delivery envelopes for greater aircraft survivability. ATPs feature an infrared (IR) sensor, charged coupled device television (CCD-TV), laser designator, eye-safe laser, laser spot tracker, infrared marker, and real-time video data link for connectivity with ground forces. ATP capabilities, such as high resolution imagery, eye safe laser, high system reliability and smaller deployment footprint provide greater combat effectiveness across several mission areas, including suppression/destruction of enemy air defenses (SEAD/DEAD), precision air interdiction, close air support (CAS), non-traditional intelligence, surveillance and reconnaissance (NT-ISR), reconnaissance, and time-sensitive targeting. This funding supports the production, qualification and integration of ATPs to include all activities necessary for fielding. It includes, but is not limited to, Advanced Targeting Pod (ATP) procurements, OFP verification/qualification testing and integration efforts, Interim Contractor Logistics (ICS) support, containers, site activations, technical data packages, depot standup and program management support. Laser Infrared Targeting and Navigating (LITENING) and Sniper are ATPs currently used by the active duty, Air National Guard (ANG), and Air Force Reserve Command (AFRC). Advanced Targeting Pod - Sensor Enhancement (ATP-SE) is the next increment in ATP capability. Low-Altitude Navigation and Targeting Infrared for Night (LANTIRN) and Pave Penny systems will be phased out as new ATP and ATP-SE systems are acquired. Funds may be used to address emerging and short-notice Diminishing Manufacturing and Material Shortage (DMSMS) issues.

FY17 OCO funds of \$8.4M will be used for procurement modification on the Advanced Targeting Pods to add Eye-Safe Spot Tracker/Laser Spot Search. Eye-safe Laser Spot Tracker/Laser Spot Search is essential for protection of US ground and coalition forces during the combat identification process. The capability will prevent potential eye damage to friendly forces during ID of targets in urban Environments.

Schedules and quantities are adjusted based upon COCOM priorities.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5	P-1 Line Item Number / Title: 000075 / Other Production Charges	Aggregated Items Title: RQ-4 UAV
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Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / RQ-4 UAV	A		-	-	-	-	-	-	-	-	2.973	-	-	8.784	-	-	-	-	-	8.784
Subtotal: Uncategorized			-	-	-	-	-	-	-	-	2.973	-	-	8.784	-	-	-	-	-	8.784
Total			-	-	-	-	-	-	-	-	2.973	-	-	8.784	-	-	-	-	-	8.784

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

Remarks:

Funds required for Global Hawk RQ-4 depot activation, including the procurement of depot repair equipment, spares, technical data, technical data rights, training, and other activities (i.e gap analysis) related to the prioritization and implementation of depot repair capability (organic and/or contract).

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force															Date: May 2017				
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5						P-1 Line Item Number / Title: 000075 / Other Production Charges						Aggregated Items Title: Service Support to NATO AEWC Program							

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / NATO AWACS-Modernization Projects	A		-	-	-	-	-	59.086	-	-	49.548	-	-	50.652	-	-	-	-	-	50.652
Subtotal: Uncategorized			-	-	-	-	-	59.086	-	-	49.548	-	-	50.652	-	-	-	-	-	50.652
Total			-	-	-	-	-	59.086	-	-	49.548	-	-	50.652	-	-	-	-	-	50.652

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

Remarks:

NATO E-3 aircraft provide air and maritime surveillance and air control for allied forces in the NATO area of operations. Fiscal Year Defense Plan funding provides the required U.S. contribution for projects defined by the NATO Airborne Early Warning and Control (NAEWC) Board of Directors and approved by the U.S. government. These projects include but are not limited to the Follow-on Upgrade Program (FUP I) and future modernization projects. The Follow-on Upgrade program satisfies international airspace mandates for upgraded Communications Navigation Surveillance/Air Traffic Management (CNS/ATM) as well as transponder upgrades for Mode 5 and Enhanced Mode S and includes planning activities for a FUP II effort. Future efforts include but are not limited to FUP II efforts and other modernization projects. These future projects will enable the aircraft to maintain interoperability, meet emerging military requirements and sustain the NATO fleet for the future needs of NATO.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5 **P-1 Line Item Number / Title:** 000075 / Other Production Charges **Aggregated Items Title:** Aerial Targets

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / Aerial Targets	A		-	-	-	-	-	7.969	-	-	19.345	-	-	15.780	-	-	-	-	-	15.780
Subtotal: Uncategorized			-	-	-	-	-	7.969	-	-	19.345	-	-	15.780	-	-	-	-	-	15.780
Total			-	-	-	-	-	7.969	-	-	19.345	-	-	15.780	-	-	-	-	-	15.780

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

Remarks:

Program procures ALQ-167 and/or DLQ-9 electronic attack pods for target drones including support equipment. Pods simulate threat aircraft electronic countermeasures and jamming capabilities. FY18 funding procures 14 EA pods to support Title 10 Section 2366 lethality testing.

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Exhibit P-40a, Budget Item Justification For Aggregated Items: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F / 07 / 5 **P-1 Line Item Number / Title:** 000075 / Other Production Charges **Aggregated Items Title:** Special Evaluation System

Item Number / Title [DODIC]	ID CD	MDAP/MAIS Code	Prior Years			FY 2016			FY 2017			FY 2018 Base			FY 2018 OCO			FY 2018 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)
Uncategorized																				
000075 / Special Evaluation Program	A		-	-	-	-	-	0.000	-	-	43.300	-	-	0.000	-	-	-	-	-	0.000
Subtotal: Uncategorized			-	-	-	-	-	0.000	-	-	43.300	-	-	0.000	-	-	-	-	-	0.000
Total			-	-	-	-	-	0.000	-	-	43.300	-	-	0.000	-	-	-	-	-	0.000

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

Remarks:

Special Evaluation Program

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Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force **Date:** May 2017

Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 07: Aircraft Supt Equipment & Facilities / BSA 5: Other Production Charges	P-1 Line Item Number / Title: OTHACF / Other Aircraft
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ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: N/A	Other Related Program Elements: 0401897F
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Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	-	0.000	0.500	0.600	0.000	0.600	0.000	0.000	0.000	0.000	-	1.100
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	-	0.000	0.500	0.600	0.000	0.600	0.000	0.000	0.000	0.000	-	1.100
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	-	0.000	0.500	0.600	0.000	0.600	0.000	0.000	0.000	0.000	-	1.100

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

Description:

Mobility Air Forces (MAF) Training supports the modification and enhancement of high fidelity MAF aircrew training and support systems to ensure full employment of Distributed Mission Operations (DMO) capabilities to meet combat readiness training needs. Use of enhanced, DMO-capable trainers provides a cost effective means of conducting daily training, mission rehearsal, joint force exercises, tactics development activity, and Virtual Aerial Refueling (VAR). This makes aircraft that would otherwise be used for training available to war fighting commanders to conduct combat operations. Funding establishes DMO capability for MAF DMO to include modification to MAF platform training systems and networks.

DMS efforts to include removal of end-of life software/hardware within simulators systems and move to a modular, common open system architecture that is sustainable and cyber-resilient. Implement requirements and standards defined under the Simulator Common Architecture Requirements and Standards (SCARS) initiative.

Justification:

FY2018 supports, but is not limited to, the KC-135 Aircrew Training System (ATS), C-5 ATS, Intra-Altus Network, and MAF Training support systems.

MAF Training funded in PE 0401897F.

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