Department of Defense
Fiscal Year (FY) 2018 Budget Estimates

May 2017

Navy

Justification Book Volume 1 of 4

Aircraft Procurement, Navy

Budget Activity 01−04

The estimated cost for this report for the Department of Navy (DON) is $21,210.

The estimated total cost for supporting the DON budget justification material is approximately $1,142,960 for the 2017 fiscal year. This includes $76,659 in supplies and $1,066,301 in labor.

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Aircraft Procurement, Navy

For construction, procurement, production, modification, and modernization of aircraft, equipment, including ordnance, spare parts, and accessories therefore; specialized equipment; expansion of public and private plants, including the land necessary therefore, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, $15,213,535,000, to remain available for obligation until September 30, 2020.

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

Appropriation	FY 2016 Base + OCO	FY 2017 PB Request with CR Adj Base	FY 2017 Total PB Requests* with CR Adj Base
Aircraft Procurement, Navy	17,623,733	17,487,901	21,494,878
Total Department of the Navy	17,623,733	17,487,901	21,494,878

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

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, Navy	210,990	296,409		296,409
Total Department of the Navy	210,990	296,409		296,409

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

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, Navy	17,698,891	21,791,287		21,791,287
Total Department of the Navy	17,698,891	21,791,287		21,791,287

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

Appropriation	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Aircraft Procurement, Navy	15,056,235	157,300	15,213,535
Total Department of the Navy	15,056,235	157,300	15,213,535

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

Appropriation: Aircraft Procurement, Navy

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	11,944,835	8,946,852	12,360,604
02. Airlift Aircraft			207,500
03. Trainer Aircraft	8,914	5,849	5,849
04. Other Aircraft	1,060,242	690,810	750,010
05. Modification of Aircraft	2,619,771	2,565,436	2,590,320
06. Aircraft Spares and Repair Parts	1,478,401	1,407,626	1,709,267
07. Aircraft Support Equip & Facilities	511,570	492,575	492,575
20. Undistributed		3,378,753	3,378,753
Total Aircraft Procurement, Navy	17,623,733	17,487,901	21,494,878

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

Appropriation: Aircraft Procurement, Navy

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	184,912	270,331		270,331
02. Airlift Aircraft				
03. Trainer Aircraft				
04. Other Aircraft	70,000	70,000		70,000
05. Modification of Aircraft	136,094	136,094		136,094
06. Aircraft Spares and Repair Parts	1,500	1,500		1,500
07. Aircraft Support Equip & Facilities	524	524		524
20. Undistributed	-182,040	-182,040		-182,040
Total Aircraft Procurement, Navy	210,990	296,409		296,409

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

Appropriation: Aircraft Procurement, Navy

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	9,131,764	12,630,935		12,630,935
02. Airlift Aircraft		207,500		207,500
03. Trainer Aircraft	5,849	5,849		5,849
04. Other Aircraft	760,810	820,010		820,010
05. Modification of Aircraft	2,701,530	2,726,414		2,726,414
06. Aircraft Spares and Repair Parts	1,409,126	1,710,767		1,710,767
07. Aircraft Support Equip & Facilities	493,099	493,099		493,099
20. Undistributed	3,196,713	3,196,713		3,196,713
Total Aircraft Procurement, Navy	17,698,891	21,791,287		21,791,287

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

Appropriation: Aircraft Procurement, Navy

Budget Activity	FY 2018 Base	FY 2018 OCO	FY 2018 Total
01. Combat Aircraft	9,271,650		9,271,650
02. Airlift Aircraft			
03. Trainer Aircraft			
04. Other Aircraft	784,818	3,900	788,718
05. Modification of Aircraft	2,813,635	134,087	2,947,722
06. Aircraft Spares and Repair Parts	1,681,914	18,850	1,700,764
07. Aircraft Support Equip & Facilities	504,218	463	504,681
20. Undistributed			
Total Aircraft Procurement, Navy	15,056,235	157,300	15,213,535

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

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO Quantity	FY 2016 Base + OCO Cost	FY 2017 PB Request with CR Adj Base Quantity	FY 2017 PB Request with CR Adj Base Cost	FY 2017 Total PB Requests* with CR Adj Base Quantity	FY 2017 Total PB Requests* with CR Adj Base Cost	Sec
	Budget Activity 01: Combat Aircraft								
	Combat Aircraft								
1	EA-18G	B	10	659,998					U
2	F/A-18E/F (Fighter) Hornet	A	5	(350,000)			24	(2,267,026)	U
	Less: Advance Procurement (PY)								U
				350,000				2,267,026	
3	F/A-18E/F (Fighter) Hornet Advance Procurement (CY)							52,974	U
	C (FY 2017 for FY 2018) (M)							(52,974)	
	C (FY 2018 for FY 2019) (M)								
4	Joint Strike Fighter CV	A	6	(1,062,542)	4	(939,280)	4	(939,280)	U
	Less: Advance Procurement (PY)			(-29,400)		(-48,630)		(-48,630)	U
				1,033,142		890,650		890,650	
5	Joint Strike Fighter CV Advance Procurement (CY)			48,630		80,908		80,908	U
	C (FY 2016 for FY 2017) (M)			(48,630)					
	C (FY 2017 for FY 2018) (M)					(80,908)		(80,908)	
	C (FY 2018 for FY 2019) (M)								
	C (FY 2018 for FY 2020) (M)								

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

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO Quantity	FY 2017 PB Request with CR Adj OCO Cost	FY 2017 Total PB Requests* with CR Adj OCO Quantity	FY 2017 Total PB Requests* with CR Adj OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj OCO Quantity	FY 2017 Remaining Req with CR Adj OCO Cost	Sec
	Budget Activity 01: Combat Aircraft										
	Combat Aircraft										
1	EA-18G	B									U
2	F/A-18E/F (Fighter) Hornet	A	2	(184,912)	2	(184,912)			2	(184,912)	U
	Less: Advance Procurement (PY)										U
				184,912		184,912				184,912	
3	F/A-18E/F (Fighter) Hornet Advance Procurement (CY) C (FY 2017 for FY 2018) (M) C (FY 2018 for FY 2019) (M)										U
4	Joint Strike Fighter CV	A									U
	Less: Advance Procurement (PY)										U
5	Joint Strike Fighter CV Advance Procurement (CY) 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)										U

Department of the Navy
FY 2018 President's Budget Request
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Total Obligational Authority
(Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Quantity	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Cost	FY 2017 Total PB Requests* with CR Adj Base + OCO Quantity	FY 2017 Total PB Requests* with CR Adj Base + OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj Base + OCO Quantity	FY 2017 Remaining Req with CR Adj Base + OCO Cost	Sec
	Budget Activity 01: Combat Aircraft										
	Combat Aircraft										
1	EA-18G	B									U
2	F/A-18E/F (Fighter) Hornet	A	2	(184,912)	26	(2,451,938)			26	(2,451,938)	U
	Less: Advance Procurement (PY)										U
				184,912		2,451,938				2,451,938	
3	F/A-18E/F (Fighter) Hornet Advance Procurement (CY)					52,974				52,974	U
	C (FY 2017 for FY 2018) (M)					(52,974)				(52,974)	
	C (FY 2018 for FY 2019) (M)										
4	Joint Strike Fighter CV	A	4	(939,280)	4	(939,280)			4	(939,280)	U
	Less: Advance Procurement (PY)			(-48,630)		(-48,630)				(-48,630)	U
				890,650		890,650				890,650	
5	Joint Strike Fighter CV Advance Procurement (CY)			80,908		80,908				80,908	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)			(80,908)		(80,908)				(80,908)	
	C (FY 2018 for FY 2019) (M)										
	C (FY 2018 for FY 2020) (M)										

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

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Base Quantity	FY 2018 Base Cost	FY 2018 OCO Quantity	FY 2018 OCO Cost	FY 2018 Total Quantity	FY 2018 Total Cost	Sec
	Budget Activity 01: Combat Aircraft								
	Combat Aircraft								
1	EA-18G	B							U
2	F/A-18E/F (Fighter) Hornet	A	14	(1,253,120)			14	(1,253,120)	U
	Less: Advance Procurement (PY)			(-52,974)				(-52,974)	U
				1,200,146				1,200,146	
3	F/A-18E/F (Fighter) Hornet Advance Procurement (CY)			52,971				52,971	U
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(52,971)				(52,971)	
4	Joint Strike Fighter CV	A	4	(663,232)			4	(663,232)	U
	Less: Advance Procurement (PY)			(-80,908)				(-80,908)	U
				582,324				582,324	
5	Joint Strike Fighter CV Advance Procurement (CY)			263,112				263,112	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(196,411)				(196,411)	
	C (FY 2018 for FY 2020) (M)			(66,701)				(66,701)	

Department of the Navy
FY 2018 President's Budget Request
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Total Obligational Authority
(Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO Quantity	FY 2016 Base + OCO Cost	FY 2017 PB Request with CR Adj Base Quantity	FY 2017 PB Request with CR Adj Base Cost	FY 2017 Total PB Requests* with CR Adj Base Quantity	FY 2017 Total PB Requests* with CR Adj Base Cost	Sec
6	JSF STOVL		15	(2,291,599)	16	(2,240,828)	16	(2,243,741)	U
	Less: Advance Procurement (PY)			(-143,885)		(-203,060)		(-203,060)	U
				2,147,714		2,037,768		2,040,681	
7	JSF STOVL								
	Advance Procurement (CY)			203,060		233,648		233,648	U
	C (FY 2016 for FY 2017) (M)			(203,060)					
	C (FY 2017 for FY 2018) (M)					(233,648)		(233,648)	
	C (FY 2018 for FY 2019) (M)								
	C (FY 2018 for FY 2020) (M)								
8	CH-53K (Heavy Lift)	A			2	(389,915)	2	(389,915)	U
	Less: Advance Procurement (PY)					(-41,300)		(-41,300)	U
						348,615		348,615	
9	CH-53K (Heavy Lift)								
	Advance Procurement (CY)			41,300		88,365		88,365	U
	C (FY 2016 for FY 2017) (M)			(41,300)					
	C (FY 2017 for FY 2018) (M)					(88,365)		(88,365)	
	C (FY 2018 for FY 2019) (M)								
10	V-22 (Medium Lift)		19	(1,463,564)	16	(1,322,857)	18	(1,493,696)	U
	Less: Advance Procurement (PY)			(-67,254)		(-58,723)		(-58,723)	U
				1,396,310		1,264,134		1,434,973	
11	V-22 (Medium Lift)								
	Advance Procurement (CY)			43,853		19,674		19,674	U
	C (FY 2016 for FY 2017) (M)			(43,853)					
	C (FY 2017 for FY 2018) (M)					(19,674)		(19,674)	
	C (FY 2018 for FY 2019) (M)								

Department of the Navy
FY 2018 President's Budget Request
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Total Obligational Authority
(Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO Quantity	FY 2017 PB Request with CR Adj OCO Cost	FY 2017 Total PB Requests* with CR Adj OCO Quantity	FY 2017 Total PB Requests* with CR Adj OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj OCO Quantity	FY 2017 Remaining Req with CR Adj OCO Cost	Sec
6	JSF STOVL										U
	Less: Advance Procurement (PY)										U
				----------		----------		----------		----------	
7	JSF STOVL										
	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)										
8	CH-53K (Heavy Lift)	A									U
	Less: Advance Procurement (PY)										U
				----------		----------		----------		----------	
9	CH-53K (Heavy Lift)										
	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)										
10	V-22 (Medium Lift)				1	(85,419)			1	(85,419)	U
	Less: Advance Procurement (PY)										U
				----------		----------		----------		----------	
						85,419				85,419	
11	V-22 (Medium Lift)										
	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)										

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

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Quantity	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Cost	FY 2017 Total PB Requests* with CR Adj Base + OCO Quantity	FY 2017 Total PB Requests* with CR Adj Base + OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj Base + OCO Quantity	FY 2017 Remaining Req with CR Adj Base + OCO Cost	Sec
6	JSF STOVL		16	(2,240,828)	16	(2,243,741)			16	(2,243,741)	U
	Less: Advance Procurement (PY)			(-203,060)		(-203,060)				(-203,060)	U
				2,037,768		2,040,681				2,040,681	
7	JSF STOVL										
	Advance Procurement (CY)			233,648		233,648				233,648	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)			(233,648)		(233,648)				(233,648)	
	C (FY 2018 for FY 2019) (M)										
	C (FY 2018 for FY 2020) (M)										
8	CH-53K (Heavy Lift)	A	2	(389,915)	2	(389,915)			2	(389,915)	U
	Less: Advance Procurement (PY)			(-41,300)		(-41,300)				(-41,300)	U
				348,615		348,615				348,615	
9	CH-53K (Heavy Lift)										
	Advance Procurement (CY)			88,365		88,365				88,365	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)			(88,365)		(88,365)				(88,365)	
	C (FY 2018 for FY 2019) (M)										
10	V-22 (Medium Lift)		16	(1,322,857)	19	(1,579,115)			19	(1,579,115)	U
	Less: Advance Procurement (PY)			(-58,723)		(-58,723)				(-58,723)	U
				1,264,134		1,520,392				1,520,392	
11	V-22 (Medium Lift)										
	Advance Procurement (CY)			19,674		19,674				19,674	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)			(19,674)		(19,674)				(19,674)	
	C (FY 2018 for FY 2019) (M)										

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

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2018 Base Quantity	FY 2018 Base Cost	FY 2018 OCO Quantity	FY 2018 OCO Cost	FY 2018 Total Quantity	FY 2018 Total Cost	Sec
6	JSF STOVL		20	(2,631,787)			20	(2,631,787)	U
	Less: Advance Procurement (PY)			(-233,648)				(-233,648)	U
				2,398,139				2,398,139	
7	JSF STOVL								
	Advance Procurement (CY)			413,450				413,450	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(322,264)				(322,264)	
	C (FY 2018 for FY 2020) (M)			(91,186)				(91,186)	
8	CH-53K (Heavy Lift)	A	4	(655,970)			4	(655,970)	U
	Less: Advance Procurement (PY)			(-88,365)				(-88,365)	U
				567,605				567,605	
9	CH-53K (Heavy Lift)								
	Advance Procurement (CY)			147,046				147,046	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(147,046)				(147,046)	
10	V-22 (Medium Lift)		6	(697,078)			6	(697,078)	U
	Less: Advance Procurement (PY)			(-19,674)				(-19,674)	U
				677,404				677,404	
11	V-22 (Medium Lift)								
	Advance Procurement (CY)			27,422				27,422	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(27,422)				(27,422)	

Department of the Navy
FY 2018 President's Budget Request
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Total Obligational Authority
(Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO Quantity	FY 2016 Base + OCO Cost	FY 2017 PB Request with CR Adj Base Quantity	FY 2017 PB Request with CR Adj Base Cost	FY 2017 Total PB Requests* with CR Adj Base Quantity	FY 2017 Total PB Requests* with CR Adj Base Cost	Sec
12	H-1 Upgrades (UH-1Y/AH-1Z)	A	29	(847,308)	24	(815,946)	24	(815,946)	U
	Less: Advance Procurement (PY)			(-63,354)		(-56,168)		(-56,168)	U
				783,954		759,778		759,778	
13	H-1 Upgrades (UH-1Y/AH-1Z) Advance Procurement (CY)			56,168		57,232		57,232	U
	C (FY 2016 for FY 2017) (M)			(56,168)					
	C (FY 2017 for FY 2018) (M)					(57,232)		(57,232)	
	C (FY 2018 for FY 2019) (M)								
14	MH-60S (MYP)	A		28,232					U
15	MH-60R (MYP)	A	29	(1,104,242)		(61,177)		(61,177)	U
	Less: Advance Procurement (PY)			(-217,205)					U
				887,037		61,177		61,177	
16	P-8A Poseidon	A	17	(3,177,152)	11	(2,183,245)	17	(3,103,245)	U
	Less: Advance Procurement (PY)			(-203,387)		(-243,007)		(-243,007)	U
				2,973,765		1,940,238		2,860,238	
17	P-8A Poseidon Advance Procurement (CY)			250,568		123,140		123,140	U
	C (FY 2016 for FY 2017) (M)			(240,773)					
	C (FY 2016 for FY 2018) (M)			(5,499)					
	C (FY 2016 for FY 2019) (M)			(4,296)					
	C (FY 2017 for FY 2018) (M)					(123,140)		(123,140)	
	C (FY 2018 for FY 2019) (M)								

Department of the Navy
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(Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO Quantity	FY 2017 PB Request with CR Adj OCO Cost	FY 2017 Total PB Requests* with CR Adj OCO Quantity	FY 2017 Total PB Requests* with CR Adj OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj OCO Quantity	FY 2017 Remaining Req with CR Adj OCO Cost	Sec
12	H-1 Upgrades (UH-1Y/AH-1Z)	A									U
	Less: Advance Procurement (PY)										U
				----------		----------		----------		----------	
13	H-1 Upgrades (UH-1Y/AH-1Z) 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)										
14	MH-60S (MYP)	A									U
15	MH-60R (MYP)	A									U
	Less: Advance Procurement (PY)										U
				----------		----------		----------		----------	
16	P-8A Poseidon	A									U
	Less: Advance Procurement (PY)										U
				----------		----------		----------		----------	
17	P-8A Poseidon Advance Procurement (CY)										U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2016 for FY 2018) (M)										
	C (FY 2016 for FY 2019) (M)										
	C (FY 2017 for FY 2018) (M)										
	C (FY 2018 for FY 2019) (M)										

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Line No	Item Nomenclature	Ident Code	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Quantity	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Cost	FY 2017 Total PB Requests* with CR Adj Base + OCO Quantity	FY 2017 Total PB Requests* with CR Adj Base + OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj Base + OCO Quantity	FY 2017 Remaining Req with CR Adj Base + OCO Cost	Sec
12	H-1 Upgrades (UH-1Y/AH-1Z)	A	24	(815,946)	24	(815,946)			24	(815,946)	U
	Less: Advance Procurement (PY)			(-56,168)		(-56,168)				(-56,168)	U
				759,778		759,778				759,778	
13	H-1 Upgrades (UH-1Y/AH-1Z) Advance Procurement (CY)			57,232		57,232				57,232	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)			(57,232)		(57,232)				(57,232)	
	C (FY 2018 for FY 2019) (M)										
14	MH-60S (MYP)	A									U
15	MH-60R (MYP)	A		(61,177)		(61,177)				(61,177)	U
	Less: Advance Procurement (PY)										U
				61,177		61,177				61,177	
16	P-8A Poseidon	A	11	(2,183,245)	17	(3,103,245)			17	(3,103,245)	U
	Less: Advance Procurement (PY)			(-243,007)		(-243,007)				(-243,007)	U
				1,940,238		2,860,238				2,860,238	
17	P-8A Poseidon Advance Procurement (CY)			123,140		123,140				123,140	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2016 for FY 2018) (M)										
	C (FY 2016 for FY 2019) (M)										
	C (FY 2017 for FY 2018) (M)			(123,140)		(123,140)				(123,140)	
	C (FY 2018 for FY 2019) (M)										

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Quantity	FY 2018 Base Cost	FY 2018 OCO Quantity	FY 2018 OCO Cost	FY 2018 Total Quantity	FY 2018 Total Cost	Sec
12	H-1 Upgrades (UH-1Y/AH-1Z)	A	22	(735,661)			22	(735,661)	U
	Less: Advance Procurement (PY)			(-57,232)				(-57,232)	U
				678,429				678,429	
13	H-1 Upgrades (UH-1Y/AH-1Z) Advance Procurement (CY)			42,082				42,082	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(42,082)				(42,082)	
14	MH-60S (MYP)	A							U
15	MH-60R (MYP)	A							U
	Less: Advance Procurement (PY)								U
16	P-8A Poseidon	A	7	(1,376,124)			7	(1,376,124)	U
	Less: Advance Procurement (PY)			(-130,873)				(-130,873)	U
				1,245,251				1,245,251	
17	P-8A Poseidon Advance Procurement (CY)			140,333				140,333	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2016 for FY 2018) (M)								
	C (FY 2016 for FY 2019) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(140,333)				(140,333)	

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Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO Quantity	FY 2016 Base + OCO Cost	FY 2017 PB Request with CR Adj Base Quantity	FY 2017 PB Request with CR Adj Base Cost	FY 2017 Total PB Requests* with CR Adj Base Quantity	FY 2017 Total PB Requests* with CR Adj Base Cost	Sec
18	E-2D Adv Hawkeye	A	5	(1,020,945)	6	(1,154,569)	6	(1,154,569)	U
	Less: Advance Procurement (PY)			(-175,177)		(-238,086)		(-238,086)	U
				845,768		916,483		916,483	
19	E-2D Adv Hawkeye								
	Advance Procurement (CY)			195,336		125,042		125,042	U
	C (FY 2016 for FY 2017) (M)			(143,181)					
	C (FY 2016 for FY 2018) (M)			(52,155)					
	C (FY 2017 for FY 2018) (M)					(125,042)		(125,042)	
	C (FY 2018 for FY 2019) (M)								
				----------		----------		----------	
Total Combat Aircraft				11,944,835		8,946,852		12,360,604	
Budget Activity 02: Airlift Aircraft									
	Airlift Aircraft								
20	C-40A	A					2	207,500	U
				----------		----------		----------	
Total Airlift Aircraft								207,500	
Budget Activity 03: Trainer Aircraft									
	Trainer Aircraft								
21	JPATS	A		8,914		5,849		5,849	U
				----------		----------		----------	
Total Trainer Aircraft				8,914		5,849		5,849	

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Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO Quantity	FY 2017 PB Request with CR Adj OCO Cost	FY 2017 Total PB Requests* with CR Adj OCO Quantity	FY 2017 Total PB Requests* with CR Adj OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj OCO Quantity	FY 2017 Remaining Req with CR Adj OCO Cost	Sec
18	E-2D Adv Hawkeye	A									U
	Less: Advance Procurement (PY)										U
19	E-2D Adv Hawkeye										
	Advance Procurement (CY)										U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2016 for FY 2018) (M)										
	C (FY 2017 for FY 2018) (M)										
	C (FY 2018 for FY 2019) (M)										
Total Combat Aircraft				184,912		270,331				270,331	
Budget Activity 02: Airlift Aircraft											
	Airlift Aircraft										
20	C-40A	A									U
Total Airlift Aircraft											
Budget Activity 03: Trainer Aircraft											
	Trainer Aircraft										
21	JPATS	A									U
Total Trainer Aircraft											

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Line No	Item Nomenclature	Ident Code	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Quantity	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Cost	FY 2017 Total PB Requests* with CR Adj Base + OCO Quantity	FY 2017 Total PB Requests* with CR Adj Base + OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj Base + OCO Quantity	FY 2017 Remaining Req with CR Adj Base + OCO Cost	Sec
18	E-2D Adv Hawkeye	A	6	(1,154,569)	6	(1,154,569)			6	(1,154,569)	U
	Less: Advance Procurement (PY)			(-238,086)		(-238,086)				(-238,086)	U
				916,483		916,483				916,483	
19	E-2D Adv Hawkeye										
	Advance Procurement (CY)			125,042		125,042				125,042	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2016 for FY 2018) (M)										
	C (FY 2017 for FY 2018) (M)			(125,042)		(125,042)				(125,042)	
	C (FY 2018 for FY 2019) (M)										
Total Combat Aircraft				9,131,764		12,630,935				12,630,935	
Budget Activity 02: Airlift Aircraft											
Airlift Aircraft											
20	C-40A	A			2	207,500			2	207,500	U
Total Airlift Aircraft						207,500				207,500	
Budget Activity 03: Trainer Aircraft											
Trainer Aircraft											
21	JPATS	A		5,849		5,849				5,849	U
Total Trainer Aircraft				5,849		5,849				5,849	

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Quantity	FY 2018 Base Cost	FY 2018 OCO Quantity	FY 2018 OCO Cost	FY 2018 Total Quantity	FY 2018 Total Cost	Sec
18	E-2D Adv Hawkeye	A	5	(1,004,913)			5	(1,004,913)	U
	Less: Advance Procurement (PY)			(-271,003)				(-271,003)	U
				733,910				733,910	
19	E-2D Adv Hawkeye								
	Advance Procurement (CY)			102,026				102,026	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2016 for FY 2018) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(102,026)				(102,026)	
Total Combat Aircraft				9,271,650				9,271,650	
Budget Activity 02: Airlift Aircraft									
Airlift Aircraft									
20	C-40A	A							U
Total Airlift Aircraft									
Budget Activity 03: Trainer Aircraft									
Trainer Aircraft									
21	JPATS	A							U
Total Trainer Aircraft									

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Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO Quantity	FY 2016 Base + OCO Cost	FY 2017 PB Request with CR Adj Base Quantity	FY 2017 PB Request with CR Adj Base Cost	FY 2017 Total PB Requests* with CR Adj Base Quantity	FY 2017 Total PB Requests* with CR Adj Base Cost	Sec
	Budget Activity 04: Other Aircraft								
	Other Aircraft								
22	KC-130J	A	2	(201,339)	2	(161,321)	2	(161,321)	U
	Less: Advance Procurement (PY)			(-16,288)		(-32,451)		(-32,451)	U
				185,051		128,870		128,870	
23	KC-130J								
	Advance Procurement (CY)			24,451		24,848		24,848	U
	C (FY 2016 for FY 2017) (M)			(24,451)					
	C (FY 2017 for FY 2018) (M)					(24,848)		(24,848)	
	C (FY 2018 for FY 2019) (M)								
24	MQ-4 Triton	A	4	(646,255)	2	(463,582)	2	(463,582)	U
	Less: Advance Procurement (PY)			(-81,170)		(-54,577)		(-54,577)	U
				565,085		409,005		409,005	
25	MQ-4 Triton								
	Advance Procurement (CY)			54,577		55,652		55,652	U
	C (FY 2016 for FY 2017) (M)			(54,577)					
	C (FY 2017 for FY 2018) (M)					(55,652)		(55,652)	
	C (FY 2018 for FY 2019) (M)								
26	MQ-8 UAV	B	5	158,680	1	72,435	1	72,435	U
27	STUASL0 UAV		3	57,298					U
28	Other Support Aircraft		1	15,100			4	59,200	U
	Total Other Aircraft			1,060,242		690,810		750,010	

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Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO Quantity	FY 2017 PB Request with CR Adj OCO Cost	FY 2017 Total PB Requests* with CR Adj OCO Quantity	FY 2017 Total PB Requests* with CR Adj OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj OCO Quantity	FY 2017 Remaining Req with CR Adj OCO Cost	Sec
	Budget Activity 04: Other Aircraft										
	Other Aircraft										
22	KC-130J	A									U
	Less: Advance Procurement (PY)										U
23	KC-130J										
	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)										
24	MQ-4 Triton	A									U
	Less: Advance Procurement (PY)										U
25	MQ-4 Triton										
	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)										
26	MQ-8 UAV	B									U
27	STUASL0 UAV		4	70,000	4	70,000			4	70,000	U
28	Other Support Aircraft										U
Total Other Aircraft				70,000		70,000				70,000	

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Line No	Item Nomenclature	Ident Code	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Quantity	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Cost	FY 2017 Total PB Requests* with CR Adj Base + OCO Quantity	FY 2017 Total PB Requests* with CR Adj Base + OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj Base + OCO Quantity	FY 2017 Remaining Req with CR Adj Base + OCO Cost	Sec
Budget Activity 04: Other Aircraft											
Other Aircraft											
22	KC-130J	A	2	(161,321)	2	(161,321)			2	(161,321)	U
	Less: Advance Procurement (PY)			(-32,451)		(-32,451)				(-32,451)	U
				128,870		128,870				128,870	
23	KC-130J										
	Advance Procurement (CY)			24,848		24,848				24,848	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)			(24,848)		(24,848)				(24,848)	
	C (FY 2018 for FY 2019) (M)										
24	MQ-4 Triton	A	2	(463,582)	2	(463,582)			2	(463,582)	U
	Less: Advance Procurement (PY)			(-54,577)		(-54,577)				(-54,577)	U
				409,005		409,005				409,005	
25	MQ-4 Triton										
	Advance Procurement (CY)			55,652		55,652				55,652	U
	C (FY 2016 for FY 2017) (M)										
	C (FY 2017 for FY 2018) (M)			(55,652)		(55,652)				(55,652)	
	C (FY 2018 for FY 2019) (M)										
26	MQ-8 UAV	B	1	72,435	1	72,435			1	72,435	U
27	STUASL0 UAV		4	70,000	4	70,000			4	70,000	U
28	Other Support Aircraft				4	59,200			4	59,200	U
				760,810		820,010				820,010	
Total Other Aircraft											

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Quantity	FY 2018 Base Cost	FY 2018 OCO Quantity	FY 2018 OCO Cost	FY 2018 Total Quantity	FY 2018 Total Cost	Sec
	Budget Activity 04: Other Aircraft								
	Other Aircraft								
22	KC-130J	A	2	(158,425)			2	(158,425)	U
	Less: Advance Procurement (PY)			(-28,848)				(-28,848)	U
				129,577				129,577	
23	KC-130J								
	Advance Procurement (CY)			25,497				25,497	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(25,497)				(25,497)	
24	MQ-4 Triton	A	3	(577,778)			3	(577,778)	U
	Less: Advance Procurement (PY)			(-55,652)				(-55,652)	U
				522,126				522,126	
25	MQ-4 Triton								
	Advance Procurement (CY)			57,266				57,266	U
	C (FY 2016 for FY 2017) (M)								
	C (FY 2017 for FY 2018) (M)								
	C (FY 2018 for FY 2019) (M)			(57,266)				(57,266)	
26	MQ-8 UAV	B		49,472				49,472	U
27	STUASL0 UAV			880		3,900		4,780	U
28	Other Support Aircraft								U
Total Other Aircraft				784,818		3,900		788,718	

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Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO Quantity	FY 2016 Base + OCO Cost	FY 2017 PB Request with CR Adj Base Quantity	FY 2017 PB Request with CR Adj Base Cost	FY 2017 Total PB Requests* with CR Adj Base Quantity	FY 2017 Total PB Requests* with CR Adj Base Cost	Sec
	Budget Activity 05: Modification of Aircraft								
	Modification of Aircraft								
29	EA-6 Series	A		7,738					U
30	AEA Systems			36,233		51,900		51,900	U
31	AV-8 Series	A		78,065		60,818		62,302	U
32	Adversary	A		5,441		5,191		5,191	U
33	F-18 Series	A		899,389		1,023,492		917,892	U
34	H-53 Series	A		35,655		46,095		59,095	U
35	SH-60 Series	A		97,808		108,328		108,328	U
36	H-1 Series	A		36,527		46,333		46,333	U
37	EP-3 Series	A		48,084		14,681		14,681	U
38	P-3 Series	A		2,983		2,781		2,781	U
39	E-2 Series	A		19,046		32,949		32,949	U
40	Trainer A/C Series	A		27,924		13,199		13,199	U
41	C-2A	A		7,099		19,066		19,066	U
42	C-130 Series	A		65,861		61,788		62,488	U
43	FEWSG	A		633		618		618	U
44	Cargo/Transport A/C Series	A		8,916		9,822		9,822	U
45	E-6 Series	A		178,987		222,077		222,077	U

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Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO Quantity	FY 2017 PB Request with CR Adj OCO Cost	FY 2017 Total PB Requests* with CR Adj OCO Quantity	FY 2017 Total PB Requests* with CR Adj OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj OCO Quantity	FY 2017 Remaining Req with CR Adj OCO Cost	Sec
	Budget Activity 05: Modification of Aircraft										
	Modification of Aircraft										
29	EA-6 Series	A									U
30	AEA Systems										U
31	AV-8 Series	A									U
32	Adversary	A									U
33	F-18 Series	A									U
34	H-53 Series	A									U
35	SH-60 Series	A		3,000		3,000				3,000	U
36	H-1 Series	A		3,740		3,740				3,740	U
37	EP-3 Series	A		7,505		7,505				7,505	U
38	P-3 Series	A									U
39	E-2 Series	A									U
40	Trainer A/C Series	A									U
41	C-2A	A									U
42	C-130 Series	A									U
43	FEWSG	A									U
44	Cargo/Transport A/C Series	A									U
45	E-6 Series	A									U

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	Budget Activity 05: Modification of Aircraft										
	Modification of Aircraft										
29	EA-6 Series	A									U
30	AEA Systems			51,900		51,900				51,900	U
31	AV-8 Series	A		60,818		62,302				62,302	U
32	Adversary	A		5,191		5,191				5,191	U
33	F-18 Series	A		1,023,492		917,892				917,892	U
34	H-53 Series	A		46,095		59,095				59,095	U
35	SH-60 Series	A		111,328		111,328				111,328	U
36	H-1 Series	A		50,073		50,073				50,073	U
37	EP-3 Series	A		22,186		22,186				22,186	U
38	P-3 Series	A		2,781		2,781				2,781	U
39	E-2 Series	A		32,949		32,949				32,949	U
40	Trainer A/C Series	A		13,199		13,199				13,199	U
41	C-2A	A		19,066		19,066				19,066	U
42	C-130 Series	A		61,788		62,488				62,488	U
43	FEWSG	A		618		618				618	U
44	Cargo/Transport A/C Series	A		9,822		9,822				9,822	U
45	E-6 Series	A		222,077		222,077				222,077	U

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Quantity	FY 2018 Base Cost	FY 2018 OCO Quantity	FY 2018 OCO Cost	FY 2018 Total Quantity	FY 2018 Total Cost	Sec
	Budget Activity 05: Modification of Aircraft								
	Modification of Aircraft								
29	EA-6 Series	A							U
30	AEA Systems			52,960				52,960	U
31	AV-8 Series	A		43,555				43,555	U
32	Adversary	A		2,565				2,565	U
33	F-18 Series	A		1,043,661				1,043,661	U
34	H-53 Series	A		38,712		950		39,662	U
35	SH-60 Series	A		95,333		15,382		110,715	U
36	H-1 Series	A		101,886				101,886	U
37	EP-3 Series	A		7,231		7,220		14,451	U
38	P-3 Series	A		700				700	U
39	E-2 Series	A		97,563				97,563	U
40	Trainer A/C Series	A		8,184				8,184	U
41	C-2A	A		18,673				18,673	U
42	C-130 Series	A		83,541				83,541	U
43	FEWSG	A		630				630	U
44	Cargo/Transport A/C Series	A		10,075				10,075	U
45	E-6 Series	A		223,508				223,508	U

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Total Obligational Authority
(Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO Quantity	FY 2016 Base + OCO Cost	FY 2017 PB Request with CR Adj Base Quantity	FY 2017 PB Request with CR Adj Base Cost	FY 2017 Total PB Requests* with CR Adj Base Quantity	FY 2017 Total PB Requests* with CR Adj Base Cost	Sec
46	Executive Helicopters Series	A		66,624		66,835		66,835	U
47	Special Project Aircraft	A		36,186		16,497		16,497	U
48	T-45 Series	A		81,652		114,887		114,887	U
49	Power Plant Changes	A		11,900		16,893		16,893	U
50	JPATS Series	A		12,537		17,401		17,401	U
51	Common ECM Equipment	A		194,889		143,773		143,773	U
52	Common Avionics Changes	A		154,588		164,839		164,839	U
53	Common Defensive Weapon System	A		3,062		4,403		4,403	U
54	ID Systems	A		41,031		45,768		45,768	U
55	P-8 Series			28,092		18,836		18,836	U
56	MAGTF EW for Aviation	A		7,680		5,676		21,976	U
57	MQ-8 Series			16,304		19,003		19,003	U
58	RQ-7 Series			3,773		3,534		3,534	U
59	V-22 (Tilt/Rotor ACFT) Osprey	B		145,188		141,545		240,545	U
60	F-35 STOVL Series	A		204,464		34,928		34,928	U
61	F-35 CV Series	A		48,527		26,004		26,004	U
62	QRC	A		6,885		5,476		5,476	U
63	MQ-4 Series	A							U
Total Modification of Aircraft				2,619,771		2,565,436		2,590,320	

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Total Obligational Authority
(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO Quantity	FY 2017 PB Request with CR Adj OCO Cost	FY 2017 Total PB Requests* with CR Adj OCO Quantity	FY 2017 Total PB Requests* with CR Adj OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj OCO Quantity	FY 2017 Remaining Req with CR Adj OCO Cost	Sec
46	Executive Helicopters Series	A									U
47	Special Project Aircraft	A		14,869		14,869				14,869	U
48	T-45 Series	A									U
49	Power Plant Changes	A									U
50	JPATS Series	A									U
51	Common ECM Equipment	A		98,240		98,240				98,240	U
52	Common Avionics Changes	A									U
53	Common Defensive Weapon System	A									U
54	ID Systems	A									U
55	P-8 Series										U
56	MAGTF EW for Aviation	A									U
57	MQ-8 Series										U
58	RQ-7 Series										U
59	V-22 (Tilt/Rotor ACFT) Osprey	B		8,740		8,740				8,740	U
60	F-35 STOVL Series	A									U
61	F-35 CV Series	A									U
62	QRC	A									U
63	MQ-4 Series	A									U
Total Modification of Aircraft				136,094		136,094				136,094	

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Total Obligational Authority
(Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

Line No	Item Nomenclature	Ident Code	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Quantity	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Cost	FY 2017 Total PB Requests* with CR Adj Base + OCO Quantity	FY 2017 Total PB Requests* with CR Adj Base + OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj Base + OCO Quantity	FY 2017 Remaining Req with CR Adj Base + OCO Cost	Sec
46	Executive Helicopters Series	A		66,835		66,835				66,835	U
47	Special Project Aircraft	A		31,366		31,366				31,366	U
48	T-45 Series	A		114,887		114,887				114,887	U
49	Power Plant Changes	A		16,893		16,893				16,893	U
50	JPATS Series	A		17,401		17,401				17,401	U
51	Common ECM Equipment	A		242,013		242,013				242,013	U
52	Common Avionics Changes	A		164,839		164,839				164,839	U
53	Common Defensive Weapon System	A		4,403		4,403				4,403	U
54	ID Systems	A		45,768		45,768				45,768	U
55	P-8 Series			18,836		18,836				18,836	U
56	MAGTF EW for Aviation	A		5,676		21,976				21,976	U
57	MQ-8 Series			19,003		19,003				19,003	U
58	RQ-7 Series			3,534		3,534				3,534	U
59	V-22 (Tilt/Rotor ACFT) Osprey	B		150,285		249,285				249,285	U
60	F-35 STOVL Series	A		34,928		34,928				34,928	U
61	F-35 CV Series	A		26,004		26,004				26,004	U
62	QRC	A		5,476		5,476				5,476	U
63	MQ-4 Series	A									U
Total Modification of Aircraft				2,701,530		2,726,414				2,726,414	

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Quantity	FY 2018 Base Cost	FY 2018 OCO Quantity	FY 2018 OCO Cost	FY 2018 Total Quantity	FY 2018 Total Cost	Sec
46	Executive Helicopters Series	A		38,787				38,787	U
47	Special Project Aircraft	A		8,304		19,855		28,159	U
48	T-45 Series	A		148,071				148,071	U
49	Power Plant Changes	A		19,827				19,827	U
50	JPATS Series	A		27,007				27,007	U
51	Common ECM Equipment	A		146,642		75,530		222,172	U
52	Common Avionics Changes	A		123,507				123,507	U
53	Common Defensive Weapon System	A		2,317				2,317	U
54	ID Systems	A		49,524				49,524	U
55	P-8 Series			18,665				18,665	U
56	MAGTF EW for Aviation	A		10,111				10,111	U
57	MQ-8 Series			32,361				32,361	U
58	RQ-7 Series								U
59	V-22 (Tilt/Rotor ACFT) Osprey	B		228,321				228,321	U
60	F-35 STOVL Series	A		34,963				34,963	U
61	F-35 CV Series	A		31,689				31,689	U
62	QRC	A		24,766		15,150		39,916	U
63	MQ-4 Series	A		39,996				39,996	U
Total Modification of Aircraft				2,813,635		134,087		2,947,722	

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(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO Quantity	FY 2016 Base + OCO Cost	FY 2017 PB Request with CR Adj Base Quantity	FY 2017 PB Request with CR Adj Base Cost	FY 2017 Total PB Requests* with CR Adj Base Quantity	FY 2017 Total PB Requests* with CR Adj Base Cost	Sec
Budget Activity 06: Aircraft Spares and Repair Parts									
	Aircraft Spares and Repair Parts								
64	Spares and Repair Parts	A		1,478,401		1,407,626		1,709,267	U
Total Aircraft Spares and Repair Parts				1,478,401		1,407,626		1,709,267	
Budget Activity 07: Aircraft Support Equip & Facilities									
	Aircraft Support Equip & Facilities								
65	Common Ground Equipment	A		417,344		390,103		390,103	U
66	Aircraft Industrial Facilities	A		24,931		23,194		23,194	U
67	War Consumables	A		13,758		40,613		40,613	U
68	Other Production Charges	A		2,455		860		860	U
69	Special Support Equipment	A		50,859		36,282		36,282	U
70	First Destination Transportation	A		1,801		1,523		1,523	U
71	Judgment Fund	A		18					U
72	Cancelled Account Adjustments	A		404					U
Total Aircraft Support Equip & Facilities				511,570		492,575		492,575	

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(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO Quantity	FY 2017 PB Request with CR Adj OCO Cost	FY 2017 Total PB Requests* with CR Adj OCO Quantity	FY 2017 Total PB Requests* with CR Adj OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj OCO Quantity	FY 2017 Remaining Req with CR Adj OCO Cost	Sec
	Budget Activity 06: Aircraft Spares and Repair Parts										
	Aircraft Spares and Repair Parts										
64	Spares and Repair Parts	A		1,500		1,500				1,500	U
	Total Aircraft Spares and Repair Parts			1,500		1,500				1,500	
	Budget Activity 07: Aircraft Support Equip & Facilities										
	Aircraft Support Equip & Facilities										
65	Common Ground Equipment	A									U
66	Aircraft Industrial Facilities	A		524		524				524	U
67	War Consumables	A									U
68	Other Production Charges	A									U
69	Special Support Equipment	A									U
70	First Destination Transportation	A									U
71	Judgment Fund	A									U
72	Cancelled Account Adjustments	A									U
	Total Aircraft Support Equip & Facilities			524		524				524	

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(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Quantity	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Cost	FY 2017 Total PB Requests* with CR Adj Base + OCO Quantity	FY 2017 Total PB Requests* with CR Adj Base + OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj Base + OCO Quantity	FY 2017 Remaining Req with CR Adj Base + OCO Cost	Sec
	Budget Activity 06: Aircraft Spares and Repair Parts										
	Aircraft Spares and Repair Parts										
64	Spares and Repair Parts	A		1,409,126		1,710,767				1,710,767	U
	Total Aircraft Spares and Repair Parts			1,409,126		1,710,767				1,710,767	
	Budget Activity 07: Aircraft Support Equip & Facilities										
	Aircraft Support Equip & Facilities										
65	Common Ground Equipment	A		390,103		390,103				390,103	U
66	Aircraft Industrial Facilities	A		23,718		23,718				23,718	U
67	War Consumables	A		40,613		40,613				40,613	U
68	Other Production Charges	A		860		860				860	U
69	Special Support Equipment	A		36,282		36,282				36,282	U
70	First Destination Transportation	A		1,523		1,523				1,523	U
71	Judgment Fund	A									U
72	Cancelled Account Adjustments	A									U
	Total Aircraft Support Equip & Facilities			493,099		493,099				493,099	

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(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Quantity	FY 2018 Base Cost	FY 2018 OCO Quantity	FY 2018 OCO Cost	FY 2018 Total Quantity	FY 2018 Total Cost	Sec
Budget Activity 06: Aircraft Spares and Repair Parts									
	Aircraft Spares and Repair Parts								
64	Spares and Repair Parts	A		1,681,914		18,850		1,700,764	U
Total Aircraft Spares and Repair Parts				1,681,914		18,850		1,700,764	
Budget Activity 07: Aircraft Support Equip & Facilities									
	Aircraft Support Equip & Facilities								
65	Common Ground Equipment	A		388,052				388,052	U
66	Aircraft Industrial Facilities	A		24,613		463		25,076	U
67	War Consumables	A		39,614				39,614	U
68	Other Production Charges	A		1,463				1,463	U
69	Special Support Equipment	A		48,500				48,500	U
70	First Destination Transportation	A		1,976				1,976	U
71	Judgment Fund	A							U
72	Cancelled Account Adjustments	A							U
Total Aircraft Support Equip & Facilities				504,218		463		504,681	

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(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2016 Base + OCO Quantity	FY 2016 Base + OCO Cost	FY 2017 PB Request with CR Adj Base Quantity	FY 2017 PB Request with CR Adj Base Cost	FY 2017 Total PB Requests* with CR Adj Base Quantity	FY 2017 Total PB Requests* with CR Adj Base Cost	Sec
Budget Activity 20: Undistributed									
	Undistributed								
73	Adj to Match Continuing Resolution	A			3,378,753		3,378,753		U
Total Undistributed					3,378,753		3,378,753		
Total Aircraft Procurement, Navy				17,623,733		17,487,901		21,494,878	

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(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2017 PB Request with CR Adj OCO Quantity	FY 2017 PB Request with CR Adj OCO Cost	FY 2017 Total PB Requests* with CR Adj OCO Quantity	FY 2017 Total PB Requests* with CR Adj OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj OCO Quantity	FY 2017 Remaining Req with CR Adj OCO Cost	Sec
Budget Activity 20: Undistributed											
	Undistributed										
73	Adj to Match Continuing Resolution	A		-182,040		-182,040				-182,040	U
Total Undistributed				-182,040		-182,040				-182,040	
Total Aircraft Procurement, Navy				210,990		296,409				296,409	

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(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Quantity	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA Cost	FY 2017 Total PB Requests* with CR Adj Base + OCO Quantity	FY 2017 Total PB Requests* with CR Adj Base + OCO Cost	FY 2017 Less Enacted Div B P.L.114-254** OCO Quantity	FY 2017 Less Enacted Div B P.L.114-254** OCO Cost	FY 2017 Remaining Req with CR Adj Base + OCO Quantity	FY 2017 Remaining Req with CR Adj Base + OCO Cost	Sec
Budget Activity 20: Undistributed											
	Undistributed										
73	Adj to Match Continuing Resolution	A		3,196,713		3,196,713				3,196,713	U
Total Undistributed				3,196,713		3,196,713				3,196,713	
Total Aircraft Procurement, Navy				17,698,891		21,791,287				21,791,287	

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(Dollars in Thousands)

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Line No	Item Nomenclature	Ident Code	FY 2018 Base Quantity	FY 2018 Base Cost	FY 2018 OCO Quantity	FY 2018 OCO Cost	FY 2018 Total Quantity	FY 2018 Total Cost	Sec
	Budget Activity 20: Undistributed								
	Undistributed								
73	Adj to Match Continuing Resolution	A							U
	Total Undistributed								
	Total Aircraft Procurement, Navy			15,056,235		157,300		15,213,535	

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5	01	01	0147	Joint Strike Fighter CV, Advance Procurement	Volume 1 - 27
6	01	01	0152	JSF STOVL	Volume 1 - 31
7	01	01	0152	JSF STOVL, Advance Procurement	Volume 1 - 43
8	01	01	0158	CH-53K (Heavy Lift)	Volume 1 - 47
9	01	01	0158	CH-53K (Heavy Lift), Advance Procurement	Volume 1 - 57
10	01	01	0164	V-22 (Medium Lift)	Volume 1 - 61
11	01	01	0164	V-22 (Medium Lift), Advance Procurement	Volume 1 - 73
12	01	01	0178	UH-1Y/AH-1Z	Volume 1 - 79
13	01	01	0178	UH-1Y/AH-1Z, Advance Procurement	Volume 1 - 93
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25	04	01	0442	MQ-4 TRITON, Advance Procurement	Volume 1 - 161
26	04	01	0443	MQ-8 UAV	Volume 1 - 165
27	04	01	0444	STUASLO	Volume 1 - 171
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37	05	01	0537	EP-3 Series	Volume 2 - 253
38	05	01	0538	P-3 Series	Volume 2 - 255
39	05	01	0544	E-2 Series	Volume 2 - 257
40	05	01	0549	Trainer Acft Series	Volume 2 - 285
41	05	01	0556	C-2A	Volume 2 - 287
42	05	01	0560	C-130 Series	Volume 2 - 289
43	05	01	0561	Flt Elect Wrfr Supt Grp (FEWSG)	Volume 2 - 311
44	05	01	0562	Cargo/Transport Acft Series	Volume 2 - 313
45	05	01	0564	E-6 Series	Volume 2 - 315
46	05	01	0566	Executive Helicopters Series	Volume 2 - 353
47	05	01	0567	Special Project Acft	Volume 2 - 375
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55	05	01	0586	P-8 Series	Volume 2 - 469
56	05	01	0587	MAGTF EW for Aviation	Volume 2 - 471
57	05	01	0588	MQ-8 Series	Volume 2 - 473
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59	05	01	0590	V-22 (Tilt/Rotor Acft) Osprey	Volume 2 - 489
60	05	01	0592	F-35 STOVL Series	Volume 2 - 529
61	05	01	0593	F-35 CV Series	Volume 2 - 541
62	05	01	0595	QRC	Volume 2 - 553
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Executive Helicopters Series	0566	46	05	01	Volume 2 - 353
F-18 Series	0525	33	05	01	Volume 2 - 31
F-35 CV Series	0593	61	05	01	Volume 2 - 541
F-35 STOVL Series	0592	60	05	01	Volume 2 - 529
FA-18E/F	0145	2	01	01	Volume 1 - 3
FA-18E/F, Advance Procurement	0145	3	01	01	Volume 1 - 13
First Destination Transportation	0740	70	07	01	Volume 4 - 43
Flt Elect Wrfr Supt Grp (FEWSG)	0561	43	05	01	Volume 2 - 311
H-1 Series	0532	36	05	01	Volume 2 - 231
H-53 Series	0528	34	05	01	Volume 2 - 163
ID Sys	0582	54	05	01	Volume 2 - 463
JSF STOVL	0152	6	01	01	Volume 1 - 31
JSF STOVL, Advance Procurement	0152	7	01	01	Volume 1 - 43
JT Primary Acft Trnr Sys (JPATS)	0339	21	03	01	Volume 1 - 135
JT Primary Acft Trnr Sys (JPATS)	0571	50	05	01	Volume 2 - 411

Line Item Title	Line Item Number	Line #	BA	BSA	Page
Joint Strike Fighter CV	0147	4	01	01	Volume 1 - 17
Joint Strike Fighter CV, Advance Procurement	0147	5	01	01	Volume 1 - 27
Judgment Fund	0770	71	07	01	Volume 4 - 45
KC-130J	0416	22	04	01	Volume 1 - 137
KC-130J, Advance Procurement	0416	23	04	01	Volume 1 - 147
MAGTF EW for Aviation	0587	56	05	01	Volume 2 - 471
MH-60R	0182	15	01	01	Volume 1 - 101
MH-60S (MYP)	0179	14	01	01	Volume 1 - 99
MQ-4 Series	0596	63	05	01	Volume 2 - 555
MQ-4 TRITON	0442	24	04	01	Volume 1 - 151
MQ-4 TRITON, Advance Procurement	0442	25	04	01	Volume 1 - 161
MQ-8 Series	0588	57	05	01	Volume 2 - 473
MQ-8 UAV	0443	26	04	01	Volume 1 - 165
Other Production Charges	0725	68	07	01	Volume 4 - 39
Other Support Aircraft	0465	28	04	01	Volume 1 - 173
P-3 Series	0538	38	05	01	Volume 2 - 255
P-8 Series	0586	55	05	01	Volume 2 - 469
P-8A Poseidon	0193	16	01	01	Volume 1 - 103
P-8A Poseidon, Advance Procurement	0193	17	01	01	Volume 1 - 113
Power Plant Changes	0570	49	05	01	Volume 2 - 409

Line Item Title	Line Item Number	Line #	BA	BSA	Page
QRC	0595	62	05	01	Volume 2 - 553
RQ-7 Series	0589	58	05	01	Volume 2 - 487
SH-60 Series	0530	35	05	01	Volume 2 - 201
STUASLO	0444	27	04	01	Volume 1 - 171
Spares and Repair Parts	0605	64	06	01	Volume 3 - 1
Special Project Acft	0567	47	05	01	Volume 2 - 375
Special Support Equipment	0735	69	07	01	Volume 4 - 41
T-45 Series	0569	48	05	01	Volume 2 - 381
Trainer Acft Series	0549	40	05	01	Volume 2 - 285
UH-1Y/AH-1Z	0178	12	01	01	Volume 1 - 79
UH-1Y/AH-1Z, Advance Procurement	0178	13	01	01	Volume 1 - 93
V-22 (Medium Lift)	0164	10	01	01	Volume 1 - 61
V-22 (Medium Lift), Advance Procurement	0164	11	01	01	Volume 1 - 73
V-22 (Tilt/Rotor Acft) Osprey	0590	59	05	01	Volume 2 - 489
War Consumables	0720	67	07	01	Volume 4 - 33

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1	01	01	0143	EA-18G	Volume 1 - 1
2	01	01	0145	FA-18E/F	Volume 1 - 3
3	01	01	0145	FA-18E/F, Advance Procurement	Volume 1 - 13
4	01	01	0147	Joint Strike Fighter CV	Volume 1 - 17
5	01	01	0147	Joint Strike Fighter CV, Advance Procurement	Volume 1 - 27
6	01	01	0152	JSF STOVL	Volume 1 - 31
7	01	01	0152	JSF STOVL, Advance Procurement	Volume 1 - 43
8	01	01	0158	CH-53K (Heavy Lift)	Volume 1 - 47
9	01	01	0158	CH-53K (Heavy Lift), Advance Procurement	Volume 1 - 57
10	01	01	0164	V-22 (Medium Lift)	Volume 1 - 61
11	01	01	0164	V-22 (Medium Lift), Advance Procurement	Volume 1 - 73
12	01	01	0178	UH-1Y/AH-1Z	Volume 1 - 79
13	01	01	0178	UH-1Y/AH-1Z, Advance Procurement	Volume 1 - 93
14	01	01	0179	MH-60S (MYP)	Volume 1 - 99
15	01	01	0182	MH-60R	Volume 1 - 101
16	01	01	0193	P-8A Poseidon	Volume 1 - 103

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
17	01	01	0193	P-8A Poseidon, Advance Procurement	Volume 1 - 113
18	01	01	0195	E-2D AHE	Volume 1 - 117
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20	02	01	0246	C-40A	Volume 1 - 133

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
21	03	01	0339	JT Primary Acft Trnr Sys (JPATS)	Volume 1 - 135

Appropriation 1506N: Aircraft Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
22	04	01	0416	KC-130J	Volume 1 - 137
23	04	01	0416	KC-130J, Advance Procurement	Volume 1 - 147
24	04	01	0442	MQ-4 TRITON	Volume 1 - 151
25	04	01	0442	MQ-4 TRITON, Advance Procurement	Volume 1 - 161
26	04	01	0443	MQ-8 UAV	Volume 1 - 165
27	04	01	0444	STUASLO	Volume 1 - 171
28	04	01	0465	Other Support Aircraft	Volume 1 - 173

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
C-40A	0246	20	02	01	Volume 1 - 133
CH-53K (Heavy Lift)	0158	8	01	01	Volume 1 - 47
CH-53K (Heavy Lift), Advance Procurement	0158	9	01	01	Volume 1 - 57
E-2D AHE	0195	18	01	01	Volume 1 - 117
E-2D AHE, Advance Procurement	0195	19	01	01	Volume 1 - 129
EA-18G	0143	1	01	01	Volume 1 - 1
FA-18E/F	0145	2	01	01	Volume 1 - 3
FA-18E/F, Advance Procurement	0145	3	01	01	Volume 1 - 13
JSF STOVL	0152	6	01	01	Volume 1 - 31
JSF STOVL, Advance Procurement	0152	7	01	01	Volume 1 - 43
JT Primary Acft Trnr Sys (JPATS)	0339	21	03	01	Volume 1 - 135
Joint Strike Fighter CV	0147	4	01	01	Volume 1 - 17
Joint Strike Fighter CV, Advance Procurement	0147	5	01	01	Volume 1 - 27
KC-130J	0416	22	04	01	Volume 1 - 137
KC-130J, Advance Procurement	0416	23	04	01	Volume 1 - 147
MH-60R	0182	15	01	01	Volume 1 - 101
MH-60S (MYP)	0179	14	01	01	Volume 1 - 99

Line Item Title	Line Item Number	Line #	BA	BSA	Page
MQ-4 TRITON	0442	24	04	01	Volume 1 - 151
MQ-4 TRITON, Advance Procurement	0442	25	04	01	Volume 1 - 161
MQ-8 UAV	0443	26	04	01	Volume 1 - 165
Other Support Aircraft	0465	28	04	01	Volume 1 - 173
P-8A Poseidon	0193	16	01	01	Volume 1 - 103
P-8A Poseidon, Advance Procurement	0193	17	01	01	Volume 1 - 113
STUASLO	0444	27	04	01	Volume 1 - 171
UH-1Y/AH-1Z	0178	12	01	01	Volume 1 - 79
UH-1Y/AH-1Z, Advance Procurement	0178	13	01	01	Volume 1 - 93
V-22 (Medium Lift)	0164	10	01	01	Volume 1 - 61
V-22 (Medium Lift), Advance Procurement	0164	11	01	01	Volume 1 - 73

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0143 / EA-18G
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: 378		

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 *(Units in Each)*	153	10	-	-	-	-	-	-	-	-	-	163
Gross/Weapon System Cost *($ in Millions)*	12,047.709	659.998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	12,707.707
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	12,047.709	659.998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	12,707.707
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**12,047.709**	**659.998**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**12,707.707**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Thousands)*	69,012.340	57,751.500	-	-	-	-	-	-	-	-	-	68,321.491
Gross/Weapon System Unit Cost *($ in Thousands)*	78,743.196	65,999.800	-	-	-	-	-	-	-	-	-	77,961.393

Description:

The EA-18G is replacing the EA-6B aircraft. The EA-18G has the capability to operate autonomously or as a major node in a network centric operation. The performance of the aircraft is compatible with the primary strike/fighter aircraft inventory, allowing it to be fully integrated into specific strike packages. It also has the capacity to provide broad area coverage for extended periods of time to support numerous strikes or other air operations in a federated context. The EA-18G is a scalable, flexible solution facilitating "Task Organized" force structures. Task organized force structures employ adequate forces to accomplish a specific task while maintaining operational and personnel tempo at acceptable levels. The EA-18G is designed to perform a range of Electronic Warfare/Electronic Attack functions either simultaneously or independently. EA-18G man in the loop operation and advanced information display system allow real time assessment of the tactical situation and the appropriate response executed in accordance with the rules of engagement.The EA-18G's electronic attack upgrades meet or exceed EA-6B Airborne (with ALQ-218, ALQ-99, USQ-113) Electronic Attack capability to detect, identify, locate and suppress hostile emitters; provide enhanced connectivity to National, Theater and strike assets; and provide organic precision emitter targeting for employment of onboard suppression weapons to fulfill operational requirements.

FY16 The correct aircraft quantity for the EA-18G Congressional aircraft is 7 vice 10 as the 3 A-12 In-kind Settlement aircraft are now being correctly reflected in Prior Years. As part of the A-12 settlement, the EA-18G Program received three EA-18G airframes, Contractor Furnished Equipment (CFE), and Airborne Electronic Attack (AEA) kits from the Boeing Company. These aircraft are in the process of delivery and are annotated as FY13 Lot 37A aircraft. There was not a TOA increase to the program.

Justification:

There is no FY18 baseline funding request.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0145 / FA-18E/F
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A
Other Related Program Elements: 0204136N, 0604269N, 0305207N, 0604270N, 0204154N	
Line Item MDAP/MAIS Code: 000	

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 *(Units in Each)*	563	5	26	14	-	14	23	14	14	15	-	674
Gross/Weapon System Cost *($ in Millions)*	43,536.944	350.000	2,451.938	1,253.120	0.000	1,253.120	1,968.232	1,345.355	1,271.833	1,318.926	-	53,496.348
Less PY Advance Procurement *($ in Millions)*	-	-	-	52.974	-	52.974	52.971	33.538	34.443	36.980	-	210.906
Net Procurement (P-1) *($ in Millions)*	43,536.944	350.000	2,451.938	1,200.146	0.000	1,200.146	1,915.261	1,311.817	1,237.390	1,281.946	-	53,285.442
Plus CY Advance Procurement *($ in Millions)*	-	-	52.974	52.971	-	52.971	33.538	34.443	36.980	-	-	210.906
Total Obligation Authority *($ in Millions)*	**43,536.944**	**350.000**	**2,504.912**	**1,253.117**	**0.000**	**1,253.117**	**1,948.799**	**1,346.260**	**1,274.370**	**1,281.946**	**-**	**53,496.348**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Thousands)*	65,378.508	61,559.400	70,504.500	68,993.571	-	68,993.571	70,051.391	74,663.286	76,116.143	77,390.067	-	66,465.681
Gross/Weapon System Unit Cost *($ in Thousands)*	77,330.274	70,000.000	94,305.308	89,508.571	-	89,508.571	85,575.304	96,096.786	90,845.214	87,928.400	-	79,371.436

Description:

The F/A-18E/F Naval Strike Fighter is a twin-engine, mid-wing, multi-mission tactical aircraft. F/A-18E/F can be missionized through selected use of external equipment to accomplish specific fighter or attack missions. This
capability allows the Operational Commander more flexibility in employing his tactical aircraft in a dynamic scenario. The primary design mission for the F/A-18E/F is a strike fighter which includes the traditional applications,
such as fighter escort and fleet air defense, combined with the attack applications, such as interdiction and close air support. Since the same airframe systems are used on attack missions as well as fighter missions, excellent fighter
and self defense capability is retained.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0145 / FA-18E/F
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A
Other Related Program Elements: 0204136N, 0604269N, 0305207N, 0604270N, 0204154N	
Line Item MDAP/MAIS Code: 000	

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	1 / 0145 F/A-18 E/F MYP	P-5a, P-21			563 / 43,536.944	5 / 350.000	26 / 2,451.938	14 / 1,253.120	- / 0.000	14 / 1,253.120
P-40	**Total Gross/Weapon System Cost**				**563 / 43,536.944**	**5 / 350.000**	**26 / 2,451.938**	**14 / 1,253.120**	**- / 0.000**	**14 / 1,253.120**

*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 Baseline funds for 14 F/A-18E/F aircraft.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0145 / FA-18E/F	**Item Number / Title [DODIC]:** 1 / 0145 F/A-18 E/F MYP
ID Code (A=Service Ready, B=Not Service Ready) :	**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)*	563	5	26	14	-	14
Gross/Weapon System Cost *($ in Millions)*	43,536.944	350.000	2,451.938	1,253.120	0.000	1,253.120
Less PY Advance Procurement *($ in Millions)*	-	-	-	52.974	-	52.974
Net Procurement (P-1) *($ in Millions)*	43,536.944	350.000	2,451.938	1,200.146	0.000	1,200.146
Plus CY Advance Procurement *($ in Millions)*	-	-	52.974	52.971	-	52.971
Total Obligation Authority *($ in Millions)*	**43,536.944**	**350.000**	**2,504.912**	**1,253.117**	**0.000**	**1,253.117**
(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 Thousands)*	77,330.274	70,000.000	94,305.308	89,508.571	-	89,508.571

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†) (1)	40,391.485	563	22,740.406	39,030.000	5	195.150	40,312.000	26	1,048.112	44,083.000	14	617.162	-	-	-	44,083.000	14	617.162
1.1.2) CFE Electronics	5,032.202	563	2,833.130	8,567.000	5	42.835	9,564.000	26	248.664	11,648.000	14	163.072	-	-	-	11,648.000	14	163.072
1.1.3) GFE Electronics	1,758.538	563	990.057	2,416.000	5	12.080	2,387.000	26	62.062	2,322.000	14	32.508	-	-	-	2,322.000	14	32.508
1.1.4) Engines/Eng Acc(†)	4,035.464	1,126	4,543.933	4,047.000	10	40.470	4,162.000	52	216.424	4,259.000	28	119.252	-	-	-	4,259.000	28	119.252
1.1.5) Armament	228.046	563	128.390	301.000	5	1.505	382.000	26	9.932	393.000	14	5.502	-	-	-	393.000	14	5.502
1.1.6) Other GFE	493.648	563	277.924	495.000	5	2.475	940.000	26	24.440	824.000	14	11.536	-	-	-	824.000	14	11.536
1.1.7) Rec Flyaway ECO	717.684	563	404.056	405.000	5	2.025	998.000	26	25.948	1,115.000	14	15.610	-	-	-	1,115.000	14	15.610
Subtotal: Recurring Cost	-	-	*31,917.896*	-	-	*296.540*	-	-	*1,635.582*	-	-	*964.642*	-	-	-	-	-	*964.642*
Non Recurring Cost																		
1.2.1) Non-Recur Cost	-	-	1,508.011	-	-	-	-	-	20.400	-	-	-	-	-	-	-	-	-
1.2.2) Ancillary Equip (2)	-	-	3,382.193	-	-	11.257	-	-	177.135	-	-	1.268	-	-	-	-	-	1.268
Subtotal: Non Recurring Cost	-	-	*4,890.204*	-	-	*11.257*	-	-	*197.535*	-	-	*1.268*	-	-	-	-	-	*1.268*
Subtotal: Flyaway Cost	**-**	**-**	***36,808.100***	**-**	**-**	***307.797***	**-**	**-**	***1,833.117***	**-**	**-**	***965.910***	**-**	**-**	**-**	**-**	**-**	***965.910***
Support Cost																		
2.1) Airframe PGSE	-	-	341.030	-	-	-	-	-	6.550	-	-	3.340	-	-	-	-	-	3.340
2.2) Engine PGSE	-	-	127.267	-	-	-	-	-	3.562	-	-	1.816	-	-	-	-	-	1.816

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0145 / FA-18E/F	Item Number / Title [DODIC]: 1 / 0145 F/A-18 E/F MYP
ID Code (A=Service Ready, B=Not Service Ready) :	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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.3) Avionics PGSE	-	-	425.515	-	-	-	-	-	3.824	-	-	1.950	-	-	-	-	-	1.950
2.4) Pec Trng Eq	-	-	827.920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Pub/Tech Eq	-	-	405.085	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) Prod Eng Supt (3)	-	-	2,742.223	-	-	42.203	-	-	325.553	-	-	159.999	-	-	-	-	-	159.999
2.7) Other ILS (4)	-	-	1,859.804	-	-	-	-	-	279.332	-	-	120.105	-	-	-	-	-	120.105
Subtotal: Support Cost	***-***	***-***	***6,728.844***	***-***	***-***	***42.203***	***-***	***-***	***618.821***	***-***	***-***	***287.210***	***-***	***-***	***-***	***-***	***-***	***287.210***
Gross/Weapon System Cost	**77,330.274**	**563**	**43,536.944**	**70,000.000**	**5**	**350.000**	**94,305.308**	**26**	**2,451.938**	**89,508.571**	**14**	**1,253.120**	**-**	**-**	**0.000**	**89,508.571**	**14**	**1,253.120**

(†) indicates the presence of a P-5a

Footnotes:

(1) Airframe/CFE unit costs represent single year procurements.

(2) The PB18 budget requests provides funding for Flyaway Ancillary Equipment (LAU-127 and ALE-50 covers).

(3) The PB18 budget request provides minimal Production Engineering Support (PES) required to complete delivery of the production aircraft.

(4) The PB18 budget request provides minimal Integrated Logistics Support (ILS) required to complete delivery of the production aircraft.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0145 / FA-18E/F	Item Number / Title [DODIC]: 1 / 0145 F/A-18 E/F MYP

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2016	Boeing Co. / St. Louis, MO	SS / FPIF	NAVAIR	Feb 2017	Jan 2018	5	39,030.000	Y		Jan 2016
1.1.1) Airframe/CFE(†)		2017 (5)	Boeing Co. / St. Louis, MO	SS / FPIF	NAVAIR	Dec 2017	Aug 2018	24	40,312.000	Y		Mar 2017
1.1.1) Airframe/CFE(†)	✓	2017	Boeing Co. / St. Louis, MO	SS / FPIF	NAVAIR	Aug 2017	Jul 2018	2	40,312.000	Y		Oct 2016
1.1.1) Airframe/CFE(†)		2018	Boeing Co. / St. Louis, MO	SS / FPIF	NAVAIR	Dec 2017	Nov 2020	14	44,083.000	Y		Mar 2017
1.1.4) Engines/Eng Acc(†)		2016	General Electric Company / Lynn, MA	SS / FPIF	NAVAIR	Mar 2017	May 2017	10	4,047.000	Y		Jan 2016
1.1.4) Engines/Eng Acc(†)		2017 (6)	General Electric Company / Lynn, MA	SS / FPIF	NAVAIR	Dec 2017	Jan 2018	48	4,162.000	Y		Mar 2017
1.1.4) Engines/Eng Acc(†)	✓	2017	General Electric Company / Lynn, MA	SS / FPIF	NAVAIR	Mar 2017	Jan 2018	4	4,162.000	Y		Oct 2016
1.1.4) Engines/Eng Acc(†)		2018	General Electric Company / Lynn, MA	SS / FPIF	NAVAIR	Dec 2017	Jan 2019	28	4,259.000	Y		Oct 2017

(†) indicates the presence of a P-21

Footnotes:

(5) Lot 41A includes 2 OCO aircraft and 12 Baseline aircraft. Lot 41B includes 12 Baseline aircraft.

(6) FY17 - FY22 - Notional Engine Delivery Schedule. Breask in Delivery Schedule are attributable to FMS Deliveries.

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0145 / FA-18E/F	Item Number / Title [DODIC]: 1 / 0145 F/A-18 E/F MYP

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018											BALANCE
							Calendar Year 2017												Calendar Year 2018											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																														
Prior Years Deliveries: 563																														
	1	2016	NAVY	5	0	5					A -	-	-	-	-	-	-	-	-	-	-	2	2	1						0
	1	2017	NAVY	24 [7]	0	24															A -	-	-	-	-	-	-	-	2	2	20
✓	1	2017	NAVY	2	0	2											A -	-	-	-	-	-	-	-	-	-	-	2			0
	1	2018	NAVY	14	0	14															A -	-	-	-	-	-	-	-	-	-	14
1.1.4) Engines/Eng Acc																														
Prior Years Deliveries: 1126																														
	2	2016	NAVY	10	0	10						A -	-	1	1	1	1	1	1	1	1	1	1							0
	2	2017	NAVY	48 [8]	0	48															A -	3	3	5	5	5	5	5	5	5	7
✓	2	2017	NAVY	4	0	4						A -	-	-	-	-	-	-	-	-	-	2	2								0
	2	2018	NAVY	28	0	28															A -	-	-	-	-	-	-	-	-	-	28
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0145 / FA-18E/F	**Item Number / Title [DODIC]:** 1 / 0145 F/A-18 E/F MYP

Cost Elements (Units in Each)							Fiscal Year 2019												Fiscal Year 2020											BALANCE
							Calendar Year 2019												Calendar Year 2020											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																														
Prior Years Deliveries: 563																														
	1	2016	NAVY	5	5	0																								0
	1	2017	NAVY	24 [7]	4	20	2	2	2	1	1	1	1	-	1	2	2	2	1	1	1										0
✓	1	2017	NAVY	2	2	0																								0
	1	2018	NAVY	14	0	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
1.1.4) Engines/Eng Acc																														
Prior Years Deliveries: 1126																														
	2	2016	NAVY	10	10	0																								0
	2	2017	NAVY	48 [8]	41	7	3	2	2																					0
✓	2	2017	NAVY	4	4	0																								0
	2	2018	NAVY	28	0	28	-	-	-	2	2	2	2	2	2	2	2	2	2	4	4									0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0145 / FA-18E/F	**Item Number / Title [DODIC]:** 1 / 0145 F/A-18 E/F MYP

Cost Elements (Units in Each)							Fiscal Year 2021												Fiscal Year 2022												BALANCE
										Calendar Year 2021														Calendar Year 2022									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																															
Prior Years Deliveries: 563																															
	1	2016	NAVY	5	5	0																									0
	1	2017	NAVY	24 [7]	24	0																									0
✓	1	2017	NAVY	2	2	0																									0
	1	2018	NAVY	14	0	14	-	2	2	1	2	2	1	2	2																0
1.1.4) Engines/Eng Acc																															
Prior Years Deliveries: 1126																															
	2	2016	NAVY	10	10	0																									0
	2	2017	NAVY	48 [8]	48	0																									0
✓	2	2017	NAVY	4	4	0																									0
	2	2018	NAVY	28	28	0																									0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0145 / FA-18E/F	**Item Number / Title [DODIC]:** 1 / 0145 F/A-18 E/F MYP

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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 Co. - St. Louis, MO	24	48	72	0	3	25	28	0	0	0	0
2	General Electric Company - Lynn, MA	48	120	144	0	3	12	15	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).

Footnotes:
(7) FY17 - FY22 - Notional Airframe Delivery Schedule. Breaks in Delivery Schedule are attributable to FMS Deliveries.
(8) FY17 - FY22 - Notional Engine Delivery Schedule. Breask in Delivery Schedule are attributable to FMS Deliveries.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0145 / FA-18E/F
Program Elements for Code B Items: N/A	**Other Related Program Elements:** 0204136N, 0604269N, 0305207N, 0604270N, 0204154N
Line Item MDAP/MAIS Code: 000	

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 *($ in Millions)*	-	-	52.974	52.971	-	52.971	33.538	34.443	36.980	-	-	210.906
Net Procurement (P-1) *($ in Millions)*	-	-	52.974	52.971	-	52.971	33.538	34.443	36.980	-	-	210.906
Total Obligation Authority *($ in Millions)*	**-**	**-**	**52.974**	**52.971**	**-**	**52.971**	**33.538**	**34.443**	**36.980**	**-**	**-**	**210.906**

Description:

The F/A-18E/F Naval Strike Fighter is a twin-engine, mid-wing, multi-mission tactical aircraft. F/A-18E/F can be missionized through selected use of external equipment to accomplish specific fighter or attack missions. This
capability allows the Operational Commander more flexibility in employing his tactical aircraft in a dynamic scenario. The primary design mission for the F/A-18E/F is a strike fighter which includes the traditional applications, such
as fighter escort and fleet air defense, combined with the attack applications, such as interdiction and close air support. Since the same airframe systems are used on attack missions as well as fighter missions, excellent fighter and
self defense capability is retained.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0145 / FA-18E/F
Program Elements for Code B Items: N/A	**Other Related Program Elements:** 0204136N, 0604269N, 0305207N, 0604270N, 0204154N
Line Item MDAP/MAIS Code: 000	

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	1 / 0145 F/A-18 E/F MYP			563 / -	5 / -	26 / 52.974	14 / 52.971	- / -	14 / 52.971
P-40	**Total Gross/Weapon System Cost**			**563 / -**	**5 / -**	**26 / 52.974**	**14 / 52.971**	**- / -**	**14 / 52.971**

*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:
Funding is requested to procure long lead items for 14 F/A-18E/F planned for procurement in FY2018.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0145 / FA-18E/F	**P-5 Number / Title:** 1 / 0145 F/A-18 E/F MYP

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
January 2013	January 2013	0 Months

0145 F/A-18 E/F MYP	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*
Quantity		563	5	26	14

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*
CFE					
Airframe [1]	0	-	-	41.320	41.317
Engines [2]	0	-	-	10.595	10.594
Total: CFE		-	-	*51.915*	*51.911*
GFE					
Other GFE [3]	0	-	-	1.059	1.060
Total: GFE		-	-	*1.059*	*1.060*
Total Advance Procurement/Obligation Authority		**-**	**-**	**52.974**	**52.971**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0145 / FA-18E/F	**P-5 Number / Title:** 1 / 0145 F/A-18 E/F MYP

Cost Elements	QPA (Each)	FY 2018					
		Production Leadtime (Months)	Unit Cost ($ K)	Contract Forecast Date	2018 Qty (Each)	For FY	Total Cost Request ($ M)
CFE							
Airframe [1]	1						41.317
Engines [2]	1						10.594
Total: CFE							*51.911*
GFE							
Other GFE [3]	1						1.060
Total: GFE							*1.060*
Total Advance Procurement/Obligation Authority							**52.971**

Description:
Advance Procurement (AP) funding is required for long lead (24 months or greater) procurement time for various items required to be provided as Government Furnished Equipment (GFE) under the F/A-18E/F airframe contract for installation in the aircraft. There are several GFE components that require AP funding to include Navy Common Ejection Seats (NACES) Cartridge Actuated Devices (CADs)/ Propellant Actuated Devices (PADs), non-NACES CADs/PADs components, and numerous other GFE components all of which are procured and delivered to the F/A-18E/F prime aircraft integrator.

Footnotes:

[1] Airframe funds long-lead requirements for the F/A-18E/F production program.

[2] Engine funds long-lead requirements for the F/A-18E/F production program.

[3] Other GFE funds long-lead requirements for the F/A-18E/F production program.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: 0204146N	Other Related Program Elements: 0204146M, 0207142F
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 *(Units in Each)*	59	6	4	4	-	4	9	16	24	24	228	374
Gross/Weapon System Cost *($ in Millions)*	13,334.042	1,062.542	939.280	663.232	0.000	663.232	1,302.363	2,016.259	2,835.305	2,992.701	30,639.555	55,785.279
Less PY Advance Procurement *($ in Millions)*	1,374.145	29.400	48.630	80.908	-	80.908	196.411	210.983	252.453	262.416	2,685.589	5,140.935
Net Procurement (P-1) *($ in Millions)*	11,959.897	1,033.142	890.650	582.324	0.000	582.324	1,105.952	1,805.276	2,582.852	2,730.285	27,953.966	50,644.344
Plus CY Advance Procurement *($ in Millions)*	1,403.545	48.630	80.908	263.112	-	263.112	144.282	252.453	262.416	267.646	2,417.943	5,140.935
Total Obligation Authority *($ in Millions)*	**13,363.442**	**1,081.772**	**971.558**	**845.436**	**0.000**	**845.436**	**1,250.234**	**2,057.729**	**2,845.268**	**2,997.931**	**30,371.909**	**55,785.279**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	16.914	61.076	77.177	-	77.177	87.846	82.735	238.090	170.365	Continuing	Continuing
Flyaway Unit Cost *($ in Thousands)*	191,290.695	132,829.500	166,829.500	135,439.000	-	135,439.000	114,784.111	115,774.125	110,105.625	114,080.542	117,163.618	129,067.963
Gross/Weapon System Unit Cost *($ in Thousands)*	226,000.712	177,090.333	234,820.000	165,808.000	-	165,808.000	144,707.000	126,016.188	118,137.708	124,695.875	134,384.013	149,158.500

Description:

Joint Strike Fighter (JSF) program will develop and field a family of aircraft that meets the needs of DoD and allies with the F-35A Conventional Take Off and Landing (CTOL) variant, the F-35B Short Take-Off and Vertical Landing variant, and the F-35C Carrier Variant (CV) with optimum commonality among the three variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy (DON) and the Department of the Air Force (DAF) and currently resides with the Navy. The F-35s are the next generation of strike fighters which has increased aero-performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting incorporates the latest technology available. The F-35 has increased range with internal fuel and includes superior weaponry over existing aircraft. 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, DON regular procurement commenced in FY08.

Notes:
(1) FY10 and prior quantity and funding for F-35B and F-35C were reported under same Budget Line Item (BLI) 0147. Result is 29 F-35B aircraft (6 - FY08; 7 - FY09; and 16 - FY10) are included in the BLI 0147 budget. FY11 is the first year F-35B are reported under BLI 0152. CY Advance Procurement for FY10 F-35B aircraft was included in the FY10 F-35C budget. The Advance Procurement Credit for FY10 F-35B aircraft was included in the FY11 F-35B budget.

(2) The F-35C Carrier Variant (CV) Initial Operational Capability (IOC) is scheduled for August 2018 and Full Rate Production (FRP) is scheduled for April 2019.

(3) Cost to Complete changes:
Procurement Quantity should be 223 not 228.
Total quantity should be 369 not 374 (340 F-35C/29 F-35B)
Gross/Weapon System: $28,687.575
Less PY Advance Procurement: $3,397.426 (AP credits include EOQ)
Net Procurement P-1: $25,290.149
Plus CY Advance Procurement: $3,129.780 (AP debits include EOQ)
Total Obligation Authority: $28,419.929

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 0204146N
Other Related Program Elements: 0204146M, 0207142F	
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)*	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	1 / Joint Strike Fighter-CV	P-5a, P-21			59 / 13,334.042	6 / 1,062.542	4 / 939.280	4 / 663.232	- / 0.000	4 / 663.232
P-40	**Total Gross/Weapon System Cost**				**59 / 13,334.042**	**6 / 1,062.542**	**4 / 939.280**	**4 / 663.232**	**- / 0.000**	**4 / 663.232**

*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 FY2018 budget request provides funding for 4 F-35C aircraft and associated equipment and support, associated sustainment and logistical requirements for DON.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter-CV
ID Code (A=Service Ready, B=Not Service Ready) :	**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)*	59	6	4	4	-	4
Gross/Weapon System Cost *($ in Millions)*	13,334.042	1,062.542	939.280	663.232	0.000	663.232
Less PY Advance Procurement *($ in Millions)*	1,374.145	29.400	48.630	80.908	-	80.908
Net Procurement (P-1) *($ in Millions)*	11,959.897	1,033.142	890.650	582.324	0.000	582.324
Plus CY Advance Procurement *($ in Millions)*	1,403.545	48.630	80.908	263.112	-	263.112
Total Obligation Authority *($ in Millions)*	**13,363.442**	**1,081.772**	**971.558**	**845.436**	**0.000**	**845.436**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	16.914	61.076	77.177	-	77.177
Gross/Weapon System Unit Cost *($ in Thousands)*	226,000.712	177,090.333	234,820.000	165,808.000	-	165,808.000

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†) (1)	79,308.847	59	4,679.222	86,092.000	6	516.552	86,974.250	4	347.897	77,653.500	4	310.614	-	-	-	77,653.500	4	310.614
1.1.2) CFE Electronics	27,834.119	59	1,642.213	16,363.500	6	98.181	16,225.500	4	64.902	15,632.000	4	62.528	-	-	-	15,632.000	4	62.528
1.1.3) Engines/Eng Acc(†)	32,312.949	59	1,906.464	13,059.500	6	78.357	12,889.250	4	51.557	12,608.250	4	50.433	-	-	-	12,608.250	4	50.433
1.1.4) Rec Flyaway ECO	5,390.695	59	318.051	2,310.333	6	13.862	2,321.750	4	9.287	2,118.000	4	8.472	-	-	-	2,118.000	4	8.472
Subtotal: Recurring Cost	-	-	*8,545.950*	-	-	*706.952*	-	-	*473.643*	-	-	*432.047*	-	-	-	-	-	*432.047*
Non Recurring Cost																		
1.2.1) Non- Recur Cost (2)	-	-	2,426.072	-	-	58.245	-	-	172.351	-	-	85.106	-	-	-	-	-	85.106
1.2.2) Ancillary Equip (3)	-	-	314.129	-	-	31.780	-	-	21.324	-	-	24.603	-	-	-	-	-	24.603
Subtotal: Non Recurring Cost	-	-	*2,740.201*	-	-	*90.025*	-	-	*193.675*	-	-	*109.709*	-	-	-	-	-	*109.709*
Subtotal: Flyaway Cost	**-**	**-**	***11,286.151***	**-**	**-**	***796.977***	**-**	**-**	***667.318***	**-**	**-**	***541.756***	**-**	**-**	**-**	**-**	**-**	***541.756***
Support Cost																		
2.1) Airframe PGSE	-	-	274.691	-	-	40.300	-	-	43.957	-	-	0.389	-	-	-	-	-	0.389
2.2) Engine PGSE	-	-	171.737	-	-	17.152	-	-	8.157	-	-	21.003	-	-	-	-	-	21.003
2.3) Avionics PGSE	-	-	276.970	-	-	59.446	-	-	55.483	-	-	1.555	-	-	-	-	-	1.555
2.4) Pec Trng Eq	-	-	299.012	-	-	20.227	-	-	27.995	-	-	0.020	-	-	-	-	-	0.020

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0147 / Joint Strike Fighter CV	Item Number / Title [DODIC]: 1 / Joint Strike Fighter-CV
ID Code (A=Service Ready, B=Not Service Ready) :	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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.5) ALIS	-	-	125.332	-	-	3.334	-	-	7.895	-	-	-	-	-	-	-	-	-
2.6) Other ILS	-	-	464.911	-	-	64.422	-	-	65.074	-	-	41.513	-	-	-	-	-	41.513
2.7) Prod Eng Supt	-	-	431.225	-	-	60.684	-	-	63.401	-	-	56.996	-	-	-	-	-	56.996
2.8) Misc Support	-	-	4.013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support Cost	**-**	**-**	***2,047.891***	**-**	**-**	***265.565***	**-**	**-**	***271.962***	**-**	**-**	***121.476***	**-**	**-**	**-**	**-**	**-**	***121.476***
Gross/Weapon System Cost	**226,000.712**	**59**	**13,334.042**	**177,090.333**	**6**	**1,062.542**	**234,820.000**	**4**	**939.280**	**165,808.000**	**4**	**663.232**	**-**	**-**	**0.000**	**165,808.000**	**4**	**663.232**

(†) indicates the presence of a P-5a

Footnotes:

(1) Airframe Unit Recurring Flyaway (URF) is directly affected by USAF, USN and International Partners quantity profile changes year over year. Prior to FY11 STOVL and CV aircraft were combined under BLI 0147, of the 59 prior year aircraft total, 29 were STOVL.

(2) Non-recurring Costs include such items as DON share of Production Non-Recurring Tooling. In addition, it includes funding for Diminishing Manufacturing Sources ("Life-of-type" part buys),concurrency engineering, technical assistance and Cost Reduction Initiatives (CRI).

(3) Year to year changes in Ancillary Equipment costs due to changes in Aircraft Quantity. Equipment includes Gen III Helmet Mounted Displays, launchers, and Pilot Flight Equipment.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0147 / Joint Strike Fighter CV	Item Number / Title [DODIC]: 1 / Joint Strike Fighter-CV

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2013	LOCKHEED MARTIN (4) / FT WORTH	SS / FPIF	NAVAIR	Sep 2013	Sep 2015	4	115,750.000	Y		Apr 2012
1.1.1) Airframe/CFE(†)		2014	LOCKHEED MARTIN (4) / FT WORTH	SS / FPIF	NAVAIR	Nov 2014	Mar 2016	4	104,269.500	Y		Jan 2013
1.1.1) Airframe/CFE(†)		2015	LOCKHEED MARTIN (4) / FT WORTH	SS / FPIF	NAVAIR	Aug 2016	Jan 2017	4	98,048.750	Y		Jan 2014
1.1.1) Airframe/CFE(†)		2016	LOCKHEED MARTIN (4) / FT WORTH	SS / FPIF	NAVAIR	May 2017	Mar 2019	6	86,092.000	Y		Jan 2015
1.1.1) Airframe/CFE(†)		2017	LOCKHEED MARTIN (4) / FT WORTH	SS / FPIF	NAVAIR	Sep 2017	Jan 2020	4	86,974.250	Y		Jan 2016
1.1.1) Airframe/CFE(†)		2018	LOCKHEED MARTIN (4) / FT WORTH	SS / FPIF	NAVAIR	Mar 2018	Mar 2020	4	77,653.500	Y		Jan 2017
1.1.3) Engines/Eng Acc(†)		2013	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Oct 2014	May 2015	4	13,749.750	Y		Jun 2012
1.1.3) Engines/Eng Acc(†)		2014	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Oct 2014	Oct 2015	4	13,898.750	Y		Mar 2013
1.1.3) Engines/Eng Acc(†)		2015	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Apr 2016	Mar 2017	4	13,747.000	Y		Mar 2014
1.1.3) Engines/Eng Acc(†)		2016	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Jul 2016	Mar 2017	6	13,059.500	Y		Mar 2015
1.1.3) Engines/Eng Acc(†)		2017	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	May 2017	May 2018	4	12,889.250	Y		Mar 2016
1.1.3) Engines/Eng Acc(†)		2018	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	May 2018	May 2019	4	12,608.250	Y		Mar 2017

(†) indicates the presence of a P-21

Footnotes:

(4) Max Capacity only applies through FY18. Additional capacity will be added each year to meet production requirements.

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter-CV

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												
							Calendar Year 2013												Calendar Year 2014												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BALANCE
1.1.1) Airframe/CFE [1]																														
Prior Years Deliveries: 47																														
	1	2013	NAVY	4	0	4												A -	-	-	-	-	-	-	-	-	-	-	-	4
	1	2014	NAVY	4	0	4																								4
	1	2015	NAVY	4 [5]	0	4																								4
	1	2016	NAVY	6 [6]	0	6																								6
	1	2017	NAVY	4	0	4																								4
	1	2018	NAVY	4	0	4																								4
1.1.3) Engines/Eng Acc																														
Prior Years Deliveries: 47																														
	2	2013	NAVY	4	0	4																								4
	2	2014	NAVY	4	0	4																								4
	2	2015	NAVY	4	0	4																								4
	2	2016	NAVY	6	0	6																								6
	2	2017	NAVY	4	0	4																								4
	2	2018	NAVY	4	0	4																								4
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter-CV

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												BALANCE
							Calendar Year 2015												Calendar Year 2016												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																															
Prior Years Deliveries: 47																															
	1	2013	NAVY	4	0	4	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	1									0
	1	2014	NAVY	4	0	4		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	1
	1	2015	NAVY	4 [5]	0	4																						A -	-	4
	1	2016	NAVY	6 [6]	0	6																									6
	1	2017	NAVY	4	0	4																									4
	1	2018	NAVY	4	0	4																									4
1.1.3) Engines/Eng Acc																															
Prior Years Deliveries: 47																															
	2	2013	NAVY	4	0	4	A -	-	-	-	-	-	-	1	-	2	1														0
	2	2014	NAVY	4	0	4	A -	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	1					0
	2	2015	NAVY	4	0	4																			A -	-	-	-	-	-	4
	2	2016	NAVY	6	0	6																						A -	-	-	6
	2	2017	NAVY	4	0	4																									4
	2	2018	NAVY	4	0	4																									4
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter-CV

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018												
							Calendar Year 2017												Calendar Year 2018												
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BALANCE
1.1.1) Airframe/CFE [1]																															
Prior Years Deliveries: 47																															
	1	2013	NAVY	4	4	0																									0
	1	2014	NAVY	4	3	1	1																								0
	1	2015	NAVY	4 [5]	0	4	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2016	NAVY	6 [6]	0	6								A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	1	2017	NAVY	4	0	4												A	-	-	-	-	-	-	-	-	-	-	-	-	4
	1	2018	NAVY	4	0	4																		A	-	-	-	-	-	-	4
1.1.3) Engines/Eng Acc																															
Prior Years Deliveries: 47																															
	2	2013	NAVY	4	4	0																									0
	2	2014	NAVY	4	4	0																									0
	2	2015	NAVY	4	0	4	-	-	-	-	-	1	1	2																	0
	2	2016	NAVY	6	0	6	-	-	-	-	-	1	1	1	1	1	1														0
	2	2017	NAVY	4	0	4								A	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2
	2	2018	NAVY	4	0	4																					A	-	-	-	-	4
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter-CV

Cost Elements (Units in Each)							Fiscal Year 2019												Fiscal Year 2020												BALANCE
							Calendar Year 2019												Calendar Year 2020													
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																															
Prior Years Deliveries: 47																															
	1	2013	NAVY	4	4	0																									0
	1	2014	NAVY	4	4	0																									0
	1	2015	NAVY	4 [5]	2	2	1	1																							0
	1	2016	NAVY	6 [6]	0	6	-	-	-	-	-	1	-	-	-	-	-	1	-	-	1	1	1	1							0
	1	2017	NAVY	4	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1					0
	1	2018	NAVY	4	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	1	0
1.1.3) Engines/Eng Acc																															
Prior Years Deliveries: 47																															
	2	2013	NAVY	4	4	0																									0
	2	2014	NAVY	4	4	0																									0
	2	2015	NAVY	4	4	0																									0
	2	2016	NAVY	6	6	0																									0
	2	2017	NAVY	4	2	2	1	-	1																						0
	2	2018	NAVY	4	0	4	-	-	-	-	-	-	-	1	1	1	1														0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter-CV

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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 [4] - FT WORTH	2	3	15	8	6	22	28	0	6	12	18
2	UNITED TECH, PRATT & WHITNEY - EAST HARTFORD, CT	2	3	7	8	4	17	21	0	7	12	19

"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:

[4] Max Capacity only applies through FY18. Additional capacity will be added each year to meet production requirements.

[5] Balance of 2 Congressional Add Jets being delivered in Oct 2018 and November 2018.

[6] Balance of 4 will be delivered with LRIP 11. (1) November 2019, (1) December 2019, (1) January 2020, and (1) February 2020.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV
Program Elements for Code B Items: 0204146N	**Other Related Program Elements:** 0204146M, 0207142F
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 *($ in Millions)*	1,403.545	48.630	80.908	263.112	-	263.112	144.282	252.453	262.416	267.646	2,417.943	5,140.935
Net Procurement (P-1) *($ in Millions)*	1,403.545	48.630	80.908	263.112	-	263.112	144.282	252.453	262.416	267.646	2,417.943	5,140.935
Total Obligation Authority *($ in Millions)*	**1,403.545**	**48.630**	**80.908**	**263.112**	**-**	**263.112**	**144.282**	**252.453**	**262.416**	**267.646**	**2,417.943**	**5,140.935**

Description:

Joint Strike Fighter (JSF) program is developing and fielding a family of aircraft that meets the needs of DoD and allies, with the F-35A Conventional Take Off and Landing (CTOL) variant, F-35B Short Take-Off and Vertical Landing (STOVL) variant and F-35C Carrier Variant (CV). The aircraft will have optimum commonality among three variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between Department of Navy (DON) and Department of Air Force (DAF) and currently resides with the Navy. The F-35 is next generation of strike fighters to command and maintain global air superiority. Advance procurement funding will support Airframe and Engine Termination Liability, and long-lead parts and materials necessary to protect delivery schedule of FY 2019 JSF aircraft buy. It includes Advance Procurement for extra long-lead in support of a Block Buy.

Notes:
(1) Prior to FY11, F-35B was reported against Budget Line Item 0147. The F-35B now reports under Budget Line Item 0152. CY Advance Procurement for FY10 F-35B aircraft was included in the FY10 F-35C budget. The Advance Procurement Credit for FY10 F-35B aircraft was included in the FY11 F-35B budget.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV
Program Elements for Code B Items: 0204146N	**Other Related Program Elements:** 0204146M, 0207142F
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	1 / Joint Strike Fighter-CV			59 / 1,403.545	6 / 48.630	4 / 80.908	4 / 263.112	- / -	4 / 263.112
P-40	**Total Gross/Weapon System Cost**			**59 / 1,403.545**	**6 / 48.630**	**4 / 80.908**	**4 / 263.112**	**- / -**	**4 / 263.112**

*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:
BASIS FOR FY18 BUDGET REQUEST:

The FY2018 budget requests $129.401M of Advance Procurement for FY19 long lead materials and $133.711M 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.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV	**P-5 Number / Title:** 1 / Joint Strike Fighter-CV

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
March 2017	March 2020	1 Months

Joint Strike Fighter-CV	Production Leadtime (Months)	Prior Years (Each)	FY 2016 (Each)	FY 2017 (Each)	FY 2018 (Each)
Quantity		59	6	4	4

Cost Elements	When Required (Months)	Prior Years ($ M)	FY 2016 ($ M)	FY 2017 ($ M)	FY 2018 ($ M)
CFE					
CFE- Airframe Long Lead	0	1,262.036	43.509	72.008	110.233
For FY19 Economic Order Quantity	0	-	-	-	52.641
For FY20 Economic Order Quantity	0	-	-	-	52.642
Total: CFE		*1,262.036*	*43.509*	*72.008*	*215.516*
GFE					
GFE - Engines Long Lead	0	141.509	5.121	8.900	19.168
Eng: For FY19 Economic Order Quantity	0	-	-	-	14.214
Eng: For FY20 Economic Order Quantity	0	-	-	-	14.214
Total: GFE		*141.509*	*5.121*	*8.900*	*47.596*
Total Advance Procurement/Obligation Authority		**1,403.545**	**48.630**	**80.908**	**263.112**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0147 / Joint Strike Fighter CV	**P-5 Number / Title:** 1 / Joint Strike Fighter-CV

Cost Elements	QPA *(Each)*	FY 2018					
		Production Leadtime *(Months)*	Unit Cost *($ K)*	Contract Forecast Date	2018 Qty *(Each)*	For FY	Total Cost Request *($ M)*
CFE							
CFE- Airframe Long Lead	1						110.233
For FY19 Economic Order Quantity	0						52.641
For FY20 Economic Order Quantity	0						52.642
Total: CFE							*215.516*
GFE							
GFE - Engines Long Lead	1						19.168
Eng: For FY19 Economic Order Quantity	0						14.214
Eng: For FY20 Economic Order Quantity	0						14.214
Total: GFE							*47.596*
Total Advance Procurement/Obligation Authority							**263.112**

Description:
The advance procurement funding will procure long lead materials, parts, components, and effort for the production of Lot 13 aircraft for the U.S. Navy. The use of Economic Order Quantity will enable the prime contractor/sub-contractors 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
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: PLT reflects the total lead time necessary to support FY 18 production.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0152 / JSF STOVL
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 0204146M
Other Related Program Elements: 0204146N, 0207142F	
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 *(Units in Each)*	27	15	16	20	-	20	20	20	21	21	164	324
Gross/Weapon System Cost *($ in Millions)*	6,089.137	2,291.599	2,243.741	2,631.787	0.000	2,631.787	2,660.443	2,723.935	2,816.841	2,821.572	22,732.766	47,011.821
Less PY Advance Procurement *($ in Millions)*	942.631	143.885	203.060	233.648	-	233.648	322.264	319.678	231.802	220.822	2,184.364	4,802.154
Net Procurement (P-1) *($ in Millions)*	5,146.506	2,147.714	2,040.681	2,398.139	0.000	2,398.139	2,338.179	2,404.257	2,585.039	2,600.750	20,548.402	42,209.667
Plus CY Advance Procurement *($ in Millions)*	1,086.516	203.060	233.648	413.450	-	413.450	228.492	231.802	220.822	225.245	1,959.119	4,802.154
Total Obligation Authority *($ in Millions)*	**6,233.022**	**2,350.774**	**2,274.329**	**2,811.589**	**0.000**	**2,811.589**	**2,566.671**	**2,636.059**	**2,805.861**	**2,825.995**	**22,507.521**	**47,011.821**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	154.569	214.252	144.819	-	144.819	92.360	160.490	141.468	199.767	Continuing	Continuing
Flyaway Unit Cost *($ in Thousands)*	179,286.741	129,988.400	127,073.313	119,725.600	-	119,725.600	119,755.600	120,629.650	118,192.857	119,210.476	131,518.055	131,420.954
Gross/Weapon System Unit Cost *($ in Thousands)*	225,523.593	152,773.267	140,233.813	131,589.350	-	131,589.350	133,022.150	136,196.750	134,135.286	134,360.571	138,614.427	145,098.213

Description:

Joint Strike Fighter (JSF) program will develop and field a family of aircraft that meets the needs of DoD and allies with the F-35A Conventional Take Off and Landing (CTOL) variant, the F-35B Short Take-Off and Vertical Landing (STOVL) variant, and the F-35C Carrier Variant (CV) with optimum commonality among the three variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between the Department of the Navy (DON) and the Department of the Air Force (DAF) and currently resides with the Navy. The F-35s are the next generation of strike fighters which has increased aero-performance, stealth signature and countermeasures. Its advanced avionics, data links and adverse weather precision targeting incorporates the latest technology available. The F-35 has increased range with internal fuel and includes superior weaponry over existing aircraft. 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, DON regular procurement commenced in FY08.

Notes:
(1) FY10 and prior quantity and funding for F-35B and F-35C were reported under same Budget Line Item 0147. Result is 29 F-35B aircraft (6 - FY08; 7 - FY09; and 16 - FY10) are included in the BLI 0147 Prior Year Column. The F-35C budget continues to report under BLI 0147.

(2) Initial Operational Capability (IOC) occured in July 2015 and Full Rate Production (FRP) is scheduled for April 2019.

(3) Cost to Complete changes:
Total quantity should be 311 not 324
Gross/Weapon System: $22,971.857
Less PY Advance Procurement: $2,858.795 (AP credits include EOQ)
Net Procurement P-1: $20,113.062
Plus CY Advance Procurement: $2,633.550 (AP debits include EOQ)
Total Obligation Authority: $22,746.612

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0152 / JSF STOVL
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 0204146M
Other Related Program Elements: 0204146N, 0207142F	
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)*	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	1 / Joint Strike Fighter - STOVL	P-5a, P-21			27 / 6,089.137	15 / 2,291.599	16 / 2,243.741	20 / 2,631.787	- / 0.000	20 / 2,631.787
P-40	**Total Gross/Weapon System Cost**				**27 / 6,089.137**	**15 / 2,291.599**	**16 / 2,243.741**	**20 / 2,631.787**	**- / 0.000**	**20 / 2,631.787**

*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 FY18 BUDGET REQUEST: The FY18 budget provides funding for 20 F-35B STOVL aircraft for the Marine Corps, with associated support for DoN requirements.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0152 / JSF STOVL	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter - STOVL
ID Code (A=Service Ready, B=Not Service Ready) :	**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)*	27	15	16	20	-	20
Gross/Weapon System Cost *($ in Millions)*	6,089.137	2,291.599	2,243.741	2,631.787	0.000	2,631.787
Less PY Advance Procurement *($ in Millions)*	942.631	143.885	203.060	233.648	-	233.648
Net Procurement (P-1) *($ in Millions)*	5,146.506	2,147.714	2,040.681	2,398.139	0.000	2,398.139
Plus CY Advance Procurement *($ in Millions)*	1,086.516	203.060	233.648	413.450	-	413.450
Total Obligation Authority *($ in Millions)*	**6,233.022**	**2,350.774**	**2,274.329**	**2,811.589**	**0.000**	**2,811.589**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	154.569	214.252	144.819	-	144.819
Gross/Weapon System Unit Cost *($ in Thousands)*	225,523.593	152,773.267	140,233.813	131,589.350	-	131,589.350

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†) (1)	88,808.519	27	2,397.830	71,805.800	15	1,077.087	69,958.688	16	1,119.339	65,363.400	20	1,307.268	-	-	-	65,363.400	20	1,307.268
1.1.2) CFE Electronics	23,419.852	27	632.336	16,332.200	15	244.983	15,919.813	16	254.717	14,915.000	20	298.300	-	-	-	14,915.000	20	298.300
1.1.3) Engines/Eng Acc(†)	33,344.370	27	900.298	30,816.133	15	462.242	31,114.500	16	497.832	27,851.550	20	557.031	-	-	-	27,851.550	20	557.031
1.1.4) Rec Flyaway ECO	3,142.481	27	84.847	2,379.067	15	35.686	2,339.875	16	37.438	2,162.600	20	43.252	-	-	-	2,162.600	20	43.252
Subtotal: Recurring Cost	-	-	*4,015.311*	-	-	*1,819.998*	-	-	*1,909.326*	-	-	*2,205.851*	-	-	-	-	-	*2,205.851*
Non Recurring Cost																		
1.2.1) Non- Recur Cost (2)	-	-	613.989	-	-	50.621	-	-	41.347	-	-	72.585	-	-	-	-	-	72.585
1.2.2) Ancillary Equip	-	-	211.442	-	-	79.207	-	-	82.500	-	-	116.076	-	-	-	-	-	116.076
Subtotal: Non Recurring Cost	-	-	*825.431*	-	-	*129.828*	-	-	*123.847*	-	-	*188.661*	-	-	-	-	-	*188.661*
Subtotal: Flyaway Cost	**-**	**-**	***4,840.742***	**-**	**-**	***1,949.826***	**-**	**-**	***2,033.173***	**-**	**-**	***2,394.512***	**-**	**-**	**-**	**-**	**-**	***2,394.512***
Support Cost																		
2.1) Airframe PGSE (3)	-	-	176.569	-	-	97.363	-	-	12.520	-	-	39.529	-	-	-	-	-	39.529
2.2) Engine PGSE	-	-	84.486	-	-	36.730	-	-	15.772	-	-	23.934	-	-	-	-	-	23.934
2.3) Avionics PGSE	-	-	191.533	-	-	76.491	-	-	45.770	-	-	4.618	-	-	-	-	-	4.618
2.4) Pec Trng Eq (4)	-	-	229.788	-	-	3.125	-	-	0.425	-	-	55.825	-	-	-	-	-	55.825

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0152 / JSF STOVL	Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL
ID Code (A=Service Ready, B=Not Service Ready) :		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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.5) ALIS	-	-	38.436	-	-	3.360	-	-	8.867	-	-	14.868	-	-	-	-	-	14.868
2.6) Other ILS	-	-	325.700	-	-	64.020	-	-	63.721	-	-	49.438	-	-	-	-	-	49.438
2.7) Prod Eng Supt	-	-	201.883	-	-	60.684	-	-	63.493	-	-	49.063	-	-	-	-	-	49.063
Subtotal: Support Cost	**-**	**-**	***1,248.395***	**-**	**-**	***341.773***	**-**	**-**	***210.568***	**-**	**-**	***237.275***	**-**	**-**	**-**	**-**	**-**	***237.275***
Gross/Weapon System Cost	**225,523.593**	**27**	**6,089.137**	**152,773.267**	**15**	**2,291.599**	**140,233.813**	**16**	**2,243.741**	**131,589.350**	**20**	**2,631.787**	**-**	**-**	**0.000**	**131,589.350**	**20**	**2,631.787**

(†) indicates the presence of a P-5a

Footnotes:

(1) Airframe Unit Recurring Flyaway (URF) is directly affected by USAF, USN and International Partners quantity profile changes year over year.

(2) Non-recurring costs increase from FY2017 to FY2018 in this budget request because the level of funding is based on known tooling and DMS requirements. Note that costs have decreased from the PB17 levels. Non-recurring Costs include items such as DoN share of Production Non-Recurring Tooling per the Joint Strike Fighter (JSF) Production, Sustainment, and Follow-on-Development Memorandum of Understanding (MOU) between the U.S. 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 ("life-of-type" buys), concurrency engineering, technical assistance and Cost Reduction Intiatives (CRI).

(3) Airframe PGSE Support increases from FY2017 to FY2018 in this budget request reflect the additional investment required in FY2018 to stand up organic depot and intermediate repair and maintenance capability.

(4) FY17 to FY18 growth is due the purchase of Full Mission Simulators (FMS), Deployable Mission Rehearsal Trainers (DMRT) Aircraft System Maintenance Trainers (ASMT), Ejection System Maintenance Trainers (ESMT), Weapons Loader Trainers (WLT), Ground Base Receptacles (GBR) and, Multispectral Databases (MSDB) for Marine Corps Air Station (MCAS) Yuma VMFA-122 FY18, and MCAS Yuma VMFA-311 FY19. This line item has a 24 month lead time.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0152 / JSF STOVL	Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2013	LOCKHEED MARTIN (5) / FT WORTH	SS / FPIF	NAVAIR	Sep 2013	Aug 2015	6	87,427.333	Y		Apr 2012
1.1.1) Airframe/CFE(†)		2014	LOCKHEED MARTIN (5) / FT WORTH	SS / FPIF	NAVAIR	Nov 2014	Apr 2016	6	88,207.667	Y		Jan 2013
1.1.1) Airframe/CFE(†)		2015	LOCKHEED MARTIN (5) / FT WORTH	SS / FPIF	NAVAIR	Aug 2016	Mar 2017	6	83,044.667	Y		Jan 2014
1.1.1) Airframe/CFE(†)		2016	LOCKHEED MARTIN (5) / FT WORTH	SS / FPIF	NAVAIR	May 2017	Oct 2018	15	71,805.800	Y		Jan 2015
1.1.1) Airframe/CFE(†)		2017	LOCKHEED MARTIN (5) / FT WORTH	SS / FPIF	NAVAIR	Sep 2017	Nov 2019	16	69,958.688	Y		Jan 2016
1.1.1) Airframe/CFE(†)		2018	LOCKHEED MARTIN (5) / FT WORTH	SS / FPIF	NAVAIR	Mar 2018	Jan 2020	20	65,363.400	Y		Jan 2017
1.1.3) Engines/Eng Acc(†)		2012	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Oct 2013	Oct 2014	6	35,590.000	Y		Oct 2011
1.1.3) Engines/Eng Acc(†)		2013	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Oct 2014	Jun 2015	6	36,442.833	Y		Jun 2012
1.1.3) Engines/Eng Acc(†)		2014	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Oct 2014	Mar 2016	6	33,223.500	Y		Mar 2013
1.1.3) Engines/Eng Acc(†)		2015	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Apr 2016	Mar 2017	6	32,492.667	Y		Mar 2014
1.1.3) Engines/Eng Acc(†)		2016	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	Jul 2016	Mar 2017	15	30,816.133	Y		Mar 2015
1.1.3) Engines/Eng Acc(†)		2017	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	May 2017	May 2018	16	31,114.500	Y		Mar 2016
1.1.3) Engines/Eng Acc(†)		2018	UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT	SS / FPIF	NAVAIR	May 2018	May 2019	20	27,851.550	Y		Mar 2017

(†) indicates the presence of a P-21

Footnotes:

(5) Max Capacity only applies through FY18. Additional capacity will be added each year to meet production requirements.

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0152 / JSF STOVL	Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014												BALANCE
										Calendar Year 2013														Calendar Year 2014									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																															
Prior Years Deliveries: 9																															
	1	2013	NAVY	6	0	6												A -	-	-	-	-	-	-	-	-	-	-	-	6
	1	2014	NAVY	6	0	6																									6
	1	2015	NAVY	6	0	6																									6
	1	2016	NAVY	15 [6]	0	15																									15
	1	2017	NAVY	16	0	16																									16
	1	2018	NAVY	20	0	20																									20
1.1.3) Engines/Eng Acc																															
Prior Years Deliveries: 3																															
	2	2012	NAVY	6	0	6													A -	-	-	-	-	-	-	-	-	-	-	-	6
	2	2013	NAVY	6	0	6																									6
	2	2014	NAVY	6	0	6																									6
	2	2015	NAVY	6	0	6																									6
	2	2016	NAVY	15 [7]	0	15																									15
	2	2017	NAVY	16	0	16																									16
	2	2018	NAVY	20	0	20																									20
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0152 / JSF STOVL	Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016												BALANCE
							Calendar Year 2015												Calendar Year 2016													
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																															
Prior Years Deliveries: 9																															
	1	2013	NAVY	6	0	6	-	-	-	-	-	-	-	-	-	-	1	2	1	-	1	1									0
	1	2014	NAVY	6	0	6		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	2
	1	2015	NAVY	6	0	6																							A -	-	6
	1	2016	NAVY	15 [6]	0	15																									15
	1	2017	NAVY	16	0	16																									16
	1	2018	NAVY	20	0	20																									20
1.1.3) Engines/Eng Acc																															
Prior Years Deliveries: 3																															
	2	2012	NAVY	6	0	6	1	-	1	-	1	-	1	1	1																0
	2	2013	NAVY	6	0	6	A -	-	-	-	-	-	-	-	3	3															0
	2	2014	NAVY	6	0	6	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	2
	2	2015	NAVY	6	0	6																			A -	-	-	-	-	-	6
	2	2016	NAVY	15 [7]	0	15																						A -	-	-	15
	2	2017	NAVY	16	0	16																									16
	2	2018	NAVY	20	0	20																									20
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0152 / JSF STOVL	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter - STOVL

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018											BALANCE
							Calendar Year 2017												Calendar Year 2018											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																														
Prior Years Deliveries: 9																														
	1	2013	NAVY	6	6	0																								0
	1	2014	NAVY	6	4	2	1	-	1																					0
	1	2015	NAVY	6	0	6	-	-	-	-	-	1	-	1	-	1	-	1	-	1	1										0
	1	2016	NAVY	15 [6]	0	15								A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
	1	2017	NAVY	16	0	16												A	-	-	-	-	-	-	-	-	-	-	-	-	16
	1	2018	NAVY	20	0	20																		A	-	-	-	-	-	-	20
1.1.3) Engines/Eng Acc																														
Prior Years Deliveries: 3																														
	2	2012	NAVY	6	6	0																								0
	2	2013	NAVY	6	6	0																								0
	2	2014	NAVY	6	4	2	-	1	-	1																				0
	2	2015	NAVY	6	0	6	-	-	-	-	-	1	1	-	1	-	1	-	1	-	1										0
	2	2016	NAVY	15 [7]	0	15	-	-	-	-	-	1	2	-	2	-	2	-	2	-	-	-	-	2	-	2	-	2			0
	2	2017	NAVY	16	0	16								A	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	1	1	8
	2	2018	NAVY	20	0	20																				A	-	-	-	-	20
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0152 / JSF STOVL	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter - STOVL

Cost Elements (Units in Each)							Fiscal Year 2019												Fiscal Year 2020												BALANCE
							Calendar Year 2019												Calendar Year 2020													
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																															
Prior Years Deliveries: 9																															
	1	2013	NAVY	6	6	0																									0
	1	2014	NAVY	6	6	0																									0
	1	2015	NAVY	6	6	0																									0
	1	2016	NAVY	15 [6]	0	15	1	-	1	1	1	-	1	1	-	1	1	1	2	2	2										0
	1	2017	NAVY	16	0	16	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2				0
	1	2018	NAVY	20	0	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	1	1	1	5
1.1.3) Engines/Eng Acc																															
Prior Years Deliveries: 3																															
	2	2012	NAVY	6	6	0																									0
	2	2013	NAVY	6	6	0																									0
	2	2014	NAVY	6	6	0																									0
	2	2015	NAVY	6	6	0																									0
	2	2016	NAVY	15 [7]	15	0																									0
	2	2017	NAVY	16	8	8	1	2	1	1	1	1	1																		0
	2	2018	NAVY	20	0	20	-	-	-	-	-	-	-	2	2	2	2	1	2	2	2	2	1	1	1						0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0152 / JSF STOVL	Item Number / Title [DODIC]: 1 / Joint Strike Fighter - STOVL

Cost Elements (Units in Each)							Fiscal Year 2021												Fiscal Year 2022												BALANCE
							Calendar Year 2021												Calendar Year 2022													
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																															
Prior Years Deliveries: 9																															
	1	2013	NAVY	6	6	0																									0
	1	2014	NAVY	6	6	0																									0
	1	2015	NAVY	6	6	0																									0
	1	2016	NAVY	15 [6]	15	0																									0
	1	2017	NAVY	16	16	0																									0
	1	2018	NAVY	20	15	5	2	2	1																						0
1.1.3) Engines/Eng Acc																															
Prior Years Deliveries: 3																															
	2	2012	NAVY	6	6	0																									0
	2	2013	NAVY	6	6	0																									0
	2	2014	NAVY	6	6	0																									0
	2	2015	NAVY	6	6	0																									0
	2	2016	NAVY	15 [7]	15	0																									0
	2	2017	NAVY	16	16	0																									0
	2	2018	NAVY	20	20	0																									0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0152 / JSF STOVL	**Item Number / Title [DODIC]:** 1 / Joint Strike Fighter - STOVL

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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 [5] - FT WORTH	4	16	23	8	6	22	28	0	6	15	21
2	UNITED TECH, PRATT & WHITNEY - EAST HARTFORD, CT	4	16	20	8	4	17	21	24	8	12	20

"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:

[5] Max Capacity only applies through FY18. Additional capacity will be added each year to meet production requirements.

[6] 6 Congressional add aircraft to be included with LRIP-11 deliveries in 2019: (2) September, (2) October, (2) November

[7] 6 Congressional add aircraft to be included with LRIP-11 deliveries in 2018: (2) Mar, (2) May, (2) Jul

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0152 / JSF STOVL
Program Elements for Code B Items: 0204146M	**Other Related Program Elements:** 0204146N, 0207142F
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 *($ in Millions)*	1,086.516	203.060	233.648	413.450	-	413.450	228.492	231.802	220.822	225.245	1,959.119	4,802.154
Net Procurement (P-1) *($ in Millions)*	1,086.516	203.060	233.648	413.450	-	413.450	228.492	231.802	220.822	225.245	1,959.119	4,802.154
Total Obligation Authority *($ in Millions)*	**1,086.516**	**203.060**	**233.648**	**413.450**	**-**	**413.450**	**228.492**	**231.802**	**220.822**	**225.245**	**1,959.119**	**4,802.154**

Description:

Joint Strike Fighter (JSF) program is developing and fielding a family of aircraft that meets the needs of DoD and allies, with the F-35A Conventional Take Off and Landing (CTOL) variant, F-35B Short Take-Off and Vertical Landing (STOVL) variant and F-35C Carrier Variant (CV). The aircraft will have optimum commonality among three variants to minimize life cycle costs. This is a joint program with no executive service. Service Acquisition Executive (SAE) authority alternates between Department of Navy (DON) and Department of Air Force and currently resides with the DAF. The F-35 is next generation of strike fighters to command and maintain global air superiority. Advance procurement funding will support Airframe and Engine Termination Liability, and long-lead parts and materials necessary to protect delivery schedule of FY19 JSF aircraft. It includes Advance Procurement for extra long-lead in support of a Block Buy.

Note:
(1) F-35B USMC variant Budget Line Item 0152 was created in FY11, prior years budgets were reported under Budget Line Item 0147. The F-35C continues to report under Budget Line Item 0147. CY Advance Procurement for FY10 F-35B aircraft was included in the FY10 F-35C budget. The Advance Procurement Credit for FY10 F-35B aircraft was included in the FY11 F-35B budget.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0152 / JSF STOVL
Program Elements for Code B Items: 0204146M	**Other Related Program Elements:** 0204146N, 0207142F
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	1 / Joint Strike Fighter - STOVL			27 / 1,086.516	15 / 203.060	16 / 233.648	20 / 413.450	- / -	20 / 413.450
P-40	**Total Gross/Weapon System Cost**			**27 / 1,086.516**	**15 / 203.060**	**16 / 233.648**	**20 / 413.450**	**- / -**	**20 / 413.450**

*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:
BASIS FOR FY18 BUDGET REQUEST:

The FY2018 budget requests $230.472M of advance procurement for FY19 long lead materials and $182.978M of Economic Order Quantity (EOQ) for FY19 and FY20 items as part of the international partner and Foreign Military Sales (FMS) country's Block Buy contract 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 airframe and engine 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.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0152 / JSF STOVL	**P-5 Number / Title:** 1 / Joint Strike Fighter - STOVL

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
March 2017	March 2022	1 Months

Joint Strike Fighter - STOVL	Production Leadtime (Months)	Prior Years (Each)	FY 2016 (Each)	FY 2017 (Each)	FY 2018 (Each)
Quantity		27	15	16	20

Cost Elements	When Required (Months)	Prior Years ($ M)	FY 2016 ($ M)	FY 2017 ($ M)	FY 2018 ($ M)
CFE					
CFE-Airframe Long Lead	0	809.237	151.765	172.900	170.549
For FY19 Economic Order Quantity	0	-	-	-	69.532
For FY20 Economic Order Quantity	0	-	-	-	69.532
Total: CFE		*809.237*	*151.765*	*172.900*	*309.613*
GFE					
GFE- Engines Long Lead	0	277.279	51.295	60.748	59.923
Eng: For FY19 Economic Order Quantity	0	-	-	-	21.957
Eng: For FY20 Economic Order Quantity	0	-	-	-	21.957
Total: GFE		*277.279*	*51.295*	*60.748*	*103.837*
Total Advance Procurement/Obligation Authority		**1,086.516**	**203.060**	**233.648**	**413.450**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0152 / JSF STOVL	**P-5 Number / Title:** 1 / Joint Strike Fighter - STOVL

Cost Elements	QPA *(Each)*	FY 2018					Total Cost Request *($ M)*
		Production Leadtime *(Months)*	Unit Cost *($ K)*	Contract Forecast Date	2018 Qty *(Each)*	For FY	
CFE							
CFE-Airframe Long Lead	1						170.549
For FY19 Economic Order Quantity	0						69.532
For FY20 Economic Order Quantity	0						69.532
Total: CFE							*309.613*
GFE							
GFE- Engines Long Lead	1						59.923
Eng: For FY19 Economic Order Quantity	0						21.957
Eng: For FY20 Economic Order Quantity	0						21.957
Total: GFE							*103.837*
Total Advance Procurement/Obligation Authority							**413.450**

Description:
The advance procurement funding will procure long lead materials, parts, components, and effort for the production of Lot 13 aircraft for the U.S. Navy. The use of Economic Order Quantity will enable the prime contractor/sub-contractors 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
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

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 0605212N
Other Related Program Elements: N/A	
Line Item MDAP/MAIS Code: 390	

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 *(Units in Each)*	-	-	2	4	-	4	7	9	13	18	141	194
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	389.915	655.970	0.000	655.970	1,148.224	1,300.581	1,705.543	2,106.220	16,126.137	23,432.590
Less PY Advance Procurement *($ in Millions)*	-	-	41.300	88.365	-	88.365	147.046	161.079	231.437	321.261	2,535.693	3,526.181
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	348.615	567.605	0.000	567.605	1,001.178	1,139.502	1,474.106	1,784.959	13,590.444	19,906.409
Plus CY Advance Procurement *($ in Millions)*	-	41.300	88.365	147.046	-	147.046	161.079	231.437	321.261	395.256	2,140.437	3,526.181
Total Obligation Authority *($ in Millions)*	**0.000**	**41.300**	**436.980**	**714.651**	**0.000**	**714.651**	**1,162.257**	**1,370.939**	**1,795.367**	**2,180.215**	**15,730.881**	**23,432.590**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	91.000	41.656	-	41.656	67.668	117.893	103.757	17.304	Continuing	Continuing
Flyaway Unit Cost *($ in Thousands)*	-	-	132,064.000	124,995.750	-	124,995.750	120,845.429	116,968.667	112,002.462	106,954.722	104,644.305	107,210.366
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	194,957.500	163,992.500	-	163,992.500	164,032.000	144,509.000	131,195.615	117,012.222	114,369.766	120,786.546

Description:

The CH-53 is the only marinized heavy-lift helicopter in the world and is the Marine Corps only heavy-lift helicopter. The CH-53 mission is the conduct of expeditionary heavy-lift assault transport of armored vehicles, equipment and personnel to support distributed operations deep inland from a sea-based center of operations. The CH-53E "Super Stallion", introduced in 1980, has developed performance degradation, fatigue life, interoperability, maintenance supportability, and other operational concerns.

The CH-53K "King Stallion" is designed to address these concerns and support Marine Air-Ground Task Force heavy-lift requirements in the 21st century joint environment, and is the only heavy-lift platform that can lift the Marine Air-Ground Task Force ashore. The CH-53K provides significant improvements in range and payload, performance, cargo handling, turn-around times, reliability and maintainability, interoperability and survivability.

Total quantity requirement for the CH-53K program is 194 production funded aircraft, in addition to trainers, support equipment and all associated support.

The CH-53K SDD program continues with Developmental Test efforts and received a successful Milestone C decision on 4 April 2017. IOT&E is scheduled to begin 4th quarter of FY2019, leading to Initial Operational Capability (IOC) in 1st quarter of FY 2020.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 0605212N / **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 390	

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	1 / CH-53K (Heavy Lift)	P-5a, P-21			- / 0.000	- / 0.000	2 / 389.915	4 / 655.970	- / 0.000	4 / 655.970
P-40	**Total Gross/Weapon System Cost**				**- / 0.000**	**- / 0.000**	**2 / 389.915**	**4 / 655.970**	**- / 0.000**	**4 / 655.970**

*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:
FY 2018 APN funds the procurement of Low Rate Initial Production (LRIP) Lot 2 (four aircraft), as well as advance procurement in support of LRIP Lot 3 (seven aircraft) long-lead materials.

Airframe, Avionics, and Engine Peculiar Ground Support Equipment (PGSE) requirements are derived by three factors: scheduled stand-up of CONUS Main Operating Base; Initial Operating Capability of sea-based deployment of four plane detachment; and establishment of Depot repair capability for the entire weapons system.

Publications / Tech Data requirements are aligned with I-Level and D-Level stand-up plans and support I-Level and D-Level repair capability requirements to meet Initial Operational Capability (IOC) and Material Support Date (MSD).

Other ILS requirements are based on the program transition plan from interim to organic support, the contractor support requirement for operational site activations, and the contractor support requirement for Intermediate/Depot Level repair capability stand-up.

The Training System requirements are directly aligned to the scheduled site stand-up of two CONUS-based and one OCONUS-based Primary Deployment Sites.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)	**Item Number / Title [DODIC]:** 1 / CH-53K (Heavy Lift)
ID Code (A=Service Ready, B=Not Service Ready) :	**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)*	-	-	2	4	-	4
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	389.915	655.970	0.000	655.970
Less PY Advance Procurement *($ in Millions)*	-	-	41.300	88.365	-	88.365
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	348.615	567.605	0.000	567.605
Plus CY Advance Procurement *($ in Millions)*	-	41.300	88.365	147.046	-	147.046
Total Obligation Authority *($ in Millions)*	**0.000**	**41.300**	**436.980**	**714.651**	**0.000**	**714.651**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	91.000	41.656	-	41.656
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	194,957.500	163,992.500	-	163,992.500

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†)	-	-	-	-	-	-	95,576.000	2	191.152	95,426.500	4	381.706	-	-	-	95,426.500	4	381.706
1.1.2) Engines(†)	-	-	-	-	-	-	5,010.000	6	30.060	4,367.841	12	52.414	-	-	-	4,367.841	12	52.414
1.1.3) CFE Mission Electronics	-	-	-	-	-	-	-	-	4.879	-	-	10.053	-	-	-	-	-	10.053
1.1.4) GFE Electronics	-	-	-	-	-	-	-	-	14.797	-	-	30.191	-	-	-	-	-	30.191
1.1.5) Armament	-	-	-	-	-	-	-	-	0.213	-	-	0.434	-	-	-	-	-	0.434
1.1.6) Other GFE	-	-	-	-	-	-	-	-	1.059	-	-	2.158	-	-	-	-	-	2.158
1.1.7) Rec Flyaway ECO (1)	-	-	-	-	-	-	-	-	18.375	-	-	17.969	-	-	-	-	-	17.969
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	*260.535*	-	-	*494.925*	-	-	-	-	-	*494.925*
Non Recurring Cost																		
1.2.1) Non-Recurring Cost (2)	-	-	-	-	-	-	-	-	3.593	-	-	5.058	-	-	-	-	-	5.058
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	*3.593*	-	-	*5.058*	-	-	-	-	-	*5.058*
Subtotal: Flyaway Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***264.128***	**-**	**-**	***499.983***	**-**	**-**	**-**	**-**	**-**	***499.983***
Support Cost																		
2.1) Airframe PGSE (3)	-	-	-	-	-	-	-	-	29.293	-	-	37.237	-	-	-	-	-	37.237
2.2) Engine PGSE (4)	-	-	-	-	-	-	-	-	6.133	-	-	10.754	-	-	-	-	-	10.754
2.3) Avionics PGSE	-	-	-	-	-	-	-	-	21.720	-	-	15.970	-	-	-	-	-	15.970

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0158 / CH-53K (Heavy Lift)	Item Number / Title [DODIC]: 1 / CH-53K (Heavy Lift)
ID Code (A=Service Ready, B=Not Service Ready) :		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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.4) Peculiar Training Equip [5]	-	-	-	-	-	-	-	-	40.677	-	-	26.693	-	-	-	-	-	26.693
2.5) Pubs / Tech Data [6]	-	-	-	-	-	-	-	-	17.449	-	-	36.901	-	-	-	-	-	36.901
2.6) Field Activities [7]	-	-	-	-	-	-	-	-	6.143	-	-	20.138	-	-	-	-	-	20.138
2.7) Other ILS [8]	-	-	-	-	-	-	-	-	4.372	-	-	8.294	-	-	-	-	-	8.294
Subtotal: Support Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***125.787***	**-**	**-**	***155.987***	**-**	**-**	**-**	**-**	**-**	***155.987***
Gross/Weapon System Cost	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**194,957.500**	**2**	**389.915**	**163,992.500**	**4**	**655.970**	**-**	**-**	**0.000**	**163,992.500**	**4**	**655.970**

(†) indicates the presence of a P-5a

Footnotes:

(1) Cost Element 1.1.7: ECO profile reflects estimated funding required to address CFE / GFE deficiency corrections and incorporate them into the production configuration during Low Rate Initial Production (LRIP). ECO estimates derived using standard cost estimating "step-down" methodology for initial years of production programs.

(2) Cost Element 1.2.1: Non-recurring reflects supplier production line tooling costs in support of procurement ramp-up, as well as sustaining tooling post ramp-up.

(3) Airframe PGSE increased from FY2017 to FY2018 due to the program requiring additional equipment to support Title 10 United States Code requirements to establish capability for depot level maintenance repair.

(4) Engine PGSE increased from FY2017 to FY2018 due to the program requiring additional equipment to support Title 10 United States Code requirements to establish capability for depot level maintenance repair.

(5) Cost Element 2.4: FY 2018 Peculiar Training Equipment procures 2 Training Devices (Cargo Load Trainer/Maintenance Part-Task Trainer), 3 Training Device technical updates (CH-53K Containerized Flight Trainer/Maintenance Training Device Suite/Helicopter Emulation Maintenance Trainer), and pilot/maintainer courseware.

(6) Cost Element 2.5: Tech Data reflects requirement to procure data rights, develop source data and publish technical publications.

(7) Cost Element 2.6: Field Activities increase from FY 2017 to FY2018 is to provide the proper level of funding as the program transitions from SDD to production and to support the procurement ramp-up.

(8) Cost Element 2.7: Other ILS includes Prime Contractor support. Funding increases from FY2017 to FY2018 due to the program requiring additional support to meet the Title 10 United States Code requirements to establish capability for depot level maintenance repair.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0158 / CH-53K (Heavy Lift)	Item Number / Title [DODIC]: 1 / CH-53K (Heavy Lift)

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2017	Sikorsky A/C Corp (9) / Stratford, CT	SS / FPIF	NAVAIR	Jun 2017	Aug 2020	2	95,576.000	Y		Sep 2015
1.1.1) Airframe/CFE(†)		2018	Sikorsky A/C Corp (9) / Stratford, CT	SS / FPIF	NAVAIR	Jan 2018	Jul 2021	4	95,426.500	Y		Sep 2015
1.1.2) Engines(†)		2017	General Electric Company / Lynn, MA	SS / FFP	NAVAIR	Jun 2017	Jun 2019	6	5,010.000	Y		Jan 2016
1.1.2) Engines(†)		2018	General Electric Company / Lynn, MA	SS / FFP	NAVAIR	Jan 2018	Jan 2020	12	4,367.841	Y		Jan 2017

(†) indicates the presence of a P-21

Footnotes:

(9) Contractor MSR, 1-8-5, and MAX production rates to be identified when CH-53K LRIP contract awards. In addition, learning curve efficiences will continue to decrease production lead times through lot 7.

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)	**Item Number / Title [DODIC]:** 1 / CH-53K (Heavy Lift)

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018											BALANCE
							Calendar Year 2017												Calendar Year 2018											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
	1	2017	NAVY	2	0	2									A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2018	NAVY	4	0	4																A -	-	-	-	-	-	-	-	4
1.1.2) Engines																														
	2	2017	NAVY	6	0	6									A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	2	2018	NAVY	12	0	12																A -	-	-	-	-	-	-	-	12
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)	**Item Number / Title [DODIC]:** 1 / CH-53K (Heavy Lift)

Cost Elements (Units in Each)							Fiscal Year 2019												Fiscal Year 2020											BALANCE
							Calendar Year 2019												Calendar Year 2020											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
	1	2017	NAVY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
	1	2018	NAVY	4	0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
1.1.2) Engines																														
	2	2017	NAVY	6	0	6	-	-	-	-	-	-	-	-	3	-	-	3												0
	2	2018	NAVY	12	0	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	3	-	-	3	-	-	3
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)	**Item Number / Title [DODIC]:** 1 / CH-53K (Heavy Lift)

Cost Elements (Units in Each)							Fiscal Year 2021												Fiscal Year 2022												BALANCE
							Calendar Year 2021												Calendar Year 2022													
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																															
	1	2017	NAVY	2	1	1	-	-	1																						0
	1	2018	NAVY	4	0	4	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	-	1									0
1.1.2) Engines																															
	2	2017	NAVY	6	6	0																									0
	2	2018	NAVY	12	9	3	3																								0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)	**Item Number / Title [DODIC]:** 1 / CH-53K (Heavy Lift)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	Sikorsky A/C Corp [9] - Stratford, CT	TBD	TBD	TBD	0	9	38	47	0	4	42	46
2	General Electric Company - Lynn, MA	TBD	TBD	TBD	0	9	24	33	0	4	24	28

"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:
[9] Contractor MSR, 1-8-5, and MAX production rates to be identified when CH-53K LRIP contract awards. In addition, learning curve efficiences will continue to decrease production lead times through lot 7.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)
Program Elements for Code B Items: 0605212N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 390	

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 *($ in Millions)*	-	41.300	88.365	147.046	-	147.046	161.079	231.437	321.261	395.256	2,140.437	3,526.181
Net Procurement (P-1) *($ in Millions)*	-	41.300	88.365	147.046	-	147.046	161.079	231.437	321.261	395.256	2,140.437	3,526.181
Total Obligation Authority *($ in Millions)*	**-**	**41.300**	**88.365**	**147.046**	**-**	**147.046**	**161.079**	**231.437**	**321.261**	**395.256**	**2,140.437**	**3,526.181**

Description:

The CH-53 is the only marinized heavy-lift helicopter in the world and is the Marine Corps only heavy-lift helicopter. The CH-53 mission is the conduct of expeditionary heavy-lift assault transport of armored vehicles, equipment and personnel to support distributed operations deep inland from a sea-based center of operations. The CH-53E "Super Stallion", introduced in 1980, has developed performance degradation, fatigue life, interoperability, maintenance supportability, and other operational concerns.

The CH-53K "King Stallion" is designed to address these concerns and support Marine Air-Ground Task Force heavy-lift requirements in the 21st century joint environment, and is the only heavy-lift platform that can lift the Marine Air-Ground Task Force ashore. The CH-53K provides significant improvements in range and payload, performance, cargo handling, turn-around times, reliability and maintainability, interoperability and survivability.

Total quantity requirement for the CH-53K program is 194 production funded aircraft, in addition to trainers and all associated support.

The CH-53K SDD program continues with Developmental Test efforts and received a successful Milestone C decision on 4 April 2017. IOT&E is scheduled to begin 4th quarter of FY2019, leading to Initial Operational Capability (IOC) in 1st quarter of FY 2020.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)
Program Elements for Code B Items: 0605212N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 390	

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	1 / CH-53K (Heavy Lift)			- / -	- / 41.300	2 / 88.365	4 / 147.046	- / -	4 / 147.046
P-40	**Total Gross/Weapon System Cost**			**- / -**	**- / 41.300**	**2 / 88.365**	**4 / 147.046**	**- / -**	**4 / 147.046**

*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:
Advanced Procurement (AP) is required in FY 2018 for long lead material associated with the procurement of seven Low Rate Initial Production aircraft in FY 2019.

The AP will be used to procure long lead materials and aircraft components with a production lead time of 12 months or more. These long lead requirements are essential to establishing and maintaining a production schedule in support of the Marine Aviation Plan and Marine Air-Ground Task Force CH-53E replacement schedule.

Procurement of long lead items is determined based upon need dates for materials/components incorporation into the production line build sequence.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)	**P-5 Number / Title:** 1 / CH-53K (Heavy Lift)

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
April 2018	July 2020	3 Months

CH-53K (Heavy Lift)	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*
Quantity		-	-	2	4

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*
CFE					
FY17 Long Lead	0	-	31.253	-	-
FY18 Long Lead	0	-	-	80.011	-
FY19 Long Lead	0	-	-	-	132.136
Total: CFE		-	*31.253*	*80.011*	*132.136*
GFE					
GFE - Miscellaneous [(4)]	0	-	10.047	8.354	14.910
Total: GFE		-	*10.047*	*8.354*	*14.910*
Total Advance Procurement/Obligation Authority		**-**	**41.300**	**88.365**	**147.046**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0158 / CH-53K (Heavy Lift)	**P-5 Number / Title:** 1 / CH-53K (Heavy Lift)

Cost Elements	QPA (Each)	FY 2018 Production Leadtime (Months)	FY 2018 Unit Cost ($ K)	FY 2018 Contract Forecast Date	FY 2018 2018 Qty (Each)	FY 2018 For FY	Total Cost Request ($ M)
CFE							
FY17 Long Lead	0						-
FY18 Long Lead	0						-
FY19 Long Lead	0						132.136
Total: CFE							*132.136*
GFE							
GFE - Miscellaneous (4)	0						14.910
Total: GFE							*14.910*
Total Advance Procurement/Obligation Authority							**147.046**

Description:
The AP will be used to procure long lead materials and aircraft components with a production lead time of 12 months or more. These long lead requirements are essential to establishing and maintaining a production schedule in support of the Marine Aviation Plan and Marine Air-Ground Task Force CH-53E replacement schedule.

Procurement of long lead items is determined based upon need dates for materials/components incorporation into the production line build sequence.

CFE procurements include: various airframe components, forgings and castings, and raw materials (Titanium).
GFE procurements include: various communication, navigation and survivability components.

Footnotes:
(4) GFE - Miscellaneous includes CH-53K Communication, Navigation and Survivability components.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)
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: 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 *(Units in Each)*	301	19	19	6	-	6	7	7	9	11	29	408
Gross/Weapon System Cost *($ in Millions)*	25,746.897	1,463.564	1,579.115	697.078	0.000	697.078	822.748	731.925	999.432	1,196.660	3,586.235	36,823.654
Less PY Advance Procurement *($ in Millions)*	1,450.998	67.254	58.723	19.674	-	19.674	27.422	25.870	29.755	36.463	120.285	1,836.444
Net Procurement (P-1) *($ in Millions)*	24,295.899	1,396.310	1,520.392	677.404	0.000	677.404	795.326	706.055	969.677	1,160.197	3,465.950	34,987.210
Plus CY Advance Procurement *($ in Millions)*	1,533.122	43.853	19.674	27.422	-	27.422	25.870	29.755	36.463	30.021	90.264	1,836.444
Total Obligation Authority *($ in Millions)*	**25,829.021**	**1,440.163**	**1,540.066**	**704.826**	**0.000**	**704.826**	**821.196**	**735.810**	**1,006.140**	**1,190.218**	**3,556.214**	**36,823.654**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	0.543	0.033	1.897	-	1.897	-	-	53.757	43.252	Continuing	Continuing
Flyaway Unit Cost *($ in Thousands)*	73,897.365	71,920.947	75,219.684	88,903.833	-	88,903.833	98,992.714	101,890.000	96,774.444	94,224.545	113,374.552	78,857.066
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The V-22 is a tilt-rotor vertical takeoff and landing aircraft currently being produced for joint service application. The program provides an aircraft to meet the amphibious/vertical assault needs of the Marine Corps, the Carrier Onboard Delivery needs of the Navy, and supplements United States Special Operations Command (USSOCOM) special mission aircraft. The aircraft is capable of flying 2,100 miles with one refueling, and gives the Services the advantage of a Vertical/Short Takeoff and Landing (V/STOL) aircraft that can rapidly self-deploy to any location in the world.

The current procurement objective is 461: 360 MV-22 Marine Corps aircraft, 48 Navy aircraft, and 53 CV-22 aircraft for USSOCOM (funded by USSOCOM and the Air Force). The program successfully completed Milestone III in the 1st Quarter of 2006, and Initial Operational Capability (IOC) in March of 2007.

The V-22 budget request includes provisions for a multiyear procurement for the V-22 airframe beginning in FY 2018 through FY 2024.

Initial Spares Prior Years = $791.854

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)
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: 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	1 / 0164 MV-22	P-5a			301 / 25,746.897	19 / 1,463.564	19 / 1,579.115	- / 0.021	- / 0.000	- / 0.021
P-5	2 / 0164 CMV-22	P-5a, P-21			- / 0.000	- / 0.000	- / 0.000	6 / 697.057	- / 0.000	6 / 697.057
P-40	**Total Gross/Weapon System Cost**				**301 / 25,746.897**	**19 / 1,463.564**	**19 / 1,579.115**	**6 / 697.078**	**- / 0.000**	**6 / 697.078**

*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: Provides funding to procure six (6) CMV-22 aircraft with support.

The V-22 budget request includes provisions for a multiyear procurement for the V-22 airframe beginning in FY 2018 through FY 2024.

FY2017 OCO request replaces one V-22 combat loss aircraft in Yemen.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)	**Item Number / Title [DODIC]:** 1 / 0164 MV-22
ID Code (A=Service Ready, B=Not Service Ready) :	**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)*	301	19	19	-	-	-
Gross/Weapon System Cost *($ in Millions)*	25,746.897	1,463.564	1,579.115	0.021	0.000	0.021
Less PY Advance Procurement *($ in Millions)*	1,450.998	67.254	58.723	-	-	-
Net Procurement (P-1) *($ in Millions)*	24,295.899	1,396.310	1,520.392	0.021	0.000	0.021
Plus CY Advance Procurement *($ in Millions)*	1,533.122	43.853	-	-	-	-
Total Obligation Authority *($ in Millions)*	**25,829.021**	**1,440.163**	**1,520.392**	**0.021**	**0.000**	**0.021**
(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 Thousands)*	85,537.864	77,029.684	83,111.316	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†)	63,897.914	301	19,233.272	65,602.227	19	1,246.442	67,568.684	19	1,283.805	-	-	0.000	-	-	0.000	-	-	0.000
1.1.2) GFE Electronics	-	-	247.690	-	-	19.966	-	-	28.901	-	-	0.000	-	-	0.000	-	-	0.000
1.1.3) Engines/Eng Acc(†)	2,057.932	602	1,238.875	2,359.000	38	89.642	2,440.816	38	92.751	-	-	0.000	-	-	0.000	-	-	0.000
1.1.4) Other GFE	-	-	53.868	-	-	4.028	-	-	4.485	-	-	0.000	-	-	0.000	-	-	0.000
1.1.5) Recurring Flyaway ECO	-	-	154.984	-	-	6.164	-	-	9.929	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Recurring Cost	-	-	*20,928.689*	-	-	*1,366.242*	-	-	*1,419.871*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*
Non Recurring Cost																		
1.2.1) Non-Recurring Cost	-	-	869.000	-	-	0.256	-	-	7.058	-	-	0.000	-	-	0.000	-	-	0.000
1.2.2) Ancillary Equipment	-	-	151.574	-	-	0.000	-	-	2.245	-	-	0.000	-	-	0.000	-	-	0.000
1.2.3) Other	-	-	293.844	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Non Recurring Cost	-	-	*1,314.418*	-	-	*0.256*	-	-	*9.303*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*
Subtotal: Flyaway Cost	**-**	**-**	***22,243.107***	**-**	**-**	***1,366.498***	**-**	**-**	***1,429.174***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***
Support Cost																		
2.1) Airframe PGSE	-	-	457.853	-	-	0.050	-	-	14.934	-	-	0.000	-	-	0.000	-	-	0.000
2.2) Engine PGSE	-	-	38.006	-	-	0.025	-	-	1.303	-	-	0.000	-	-	0.000	-	-	0.000
2.3) Avionics PGSE	-	-	238.656	-	-	0.025	-	-	1.104	-	-	0.000	-	-	0.000	-	-	0.000

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)	Item Number / Title [DODIC]: 1 / 0164 MV-22
ID Code (A=Service Ready, B=Not Service Ready) :	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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.4) Pec Trng Eq	-	-	437.888	-	-	3.444	-	-	5.191	-	-	0.000	-	-	0.000	-	-	0.000
2.5) Pub/Tech Eq	-	-	112.482	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.6) Prod Eng Supt (1)	-	-	1,071.598	-	-	52.805	-	-	78.170	-	-	0.021	-	-	0.000	-	-	0.021
2.7) Other ILS (2)	-	-	915.907	-	-	40.717	-	-	49.239	-	-	0.000	-	-	0.000	-	-	0.000
2.8) Common SE	-	-	231.400	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Support Cost	***-***	***-***	***3,503.790***	***-***	***-***	***97.066***	***-***	***-***	***149.941***	***-***	***-***	***0.021***	***-***	***-***	***0.000***	***-***	***-***	***0.021***
Gross/Weapon System Cost	**85,537.864**	**301**	**25,746.897**	**77,029.684**	**19**	**1,463.564**	**83,111.316**	**19**	**1,579.115**	**-**	**-**	**0.021**	**-**	**-**	**0.000**	**-**	**-**	**0.021**

Remarks:
The V-22 FY2018 budget request includes provisions for a multiyear procurement beginning in FY 2018 through FY 2024.

(†) indicates the presence of a P-5a

Footnotes:
(1) Prod Eng Supt: Follow-On Flight Test and Mission Care efforts, both prime contractor support, are included in this cost element.
(2) Other ILS: Included in this cost element is the Joint Program Based Logistics prime contractor support.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)	Item Number / Title [DODIC]: 1 / 0164 MV-22

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE		2013	Bell Boeing [3] / Amarillo, TX	SS / FPIF	NAVAIR	Dec 2012	Dec 2014	18	61,772.873	Y		Feb 2011
1.1.1) Airframe/CFE		2014	Bell Boeing [3] / Amarillo, TX	SS / FPIF	NAVAIR	Nov 2013	Nov 2015	19	61,486.045	Y		Feb 2011
1.1.1) Airframe/CFE		2015	Bell Boeing [3] / Amarillo, TX	SS / FPIF	NAVAIR	Dec 2014	Dec 2016	19	64,252.925	Y		Feb 2011
1.1.1) Airframe/CFE		2016	Bell Boeing [3] / Amarillo, TX	SS / FPIF	NAVAIR	Dec 2015	Dec 2017	19	65,602.227	Y		Feb 2011
1.1.1) Airframe/CFE		2017	Bell Boeing [3] / Amarillo, TX	SS / FPIF	NAVAIR	Nov 2016	Nov 2018	19	67,568.684	Y		Feb 2011
1.1.3) Engines/Eng Acc		2015	Allison Engine Co. (Rolls Royce) / Indianapolis, IN	SS / FFP	NAVAIR	Jan 2015	Mar 2016	38	2,308.221	Y		Dec 2010
1.1.3) Engines/Eng Acc		2016	Allison Engine Co. (Rolls Royce) / Indianapolis, IN	SS / FFP	NAVAIR	Jan 2016	Mar 2017	38	2,359.000	Y		Dec 2010
1.1.3) Engines/Eng Acc		2017 [4]	Allison Engine Co. (Rolls Royce) / Indianapolis, IN	SS / FFP	NAVAIR	Jan 2017	Mar 2018	38	2,440.816	Y		Apr 2016

Footnotes:

[3] MSR: A Minimum Sustaining Rate of 6 for the V-22 production is based on actuals from multiple production buys, including 2 MYP contracts spanning 10 years, and the current proposal provided by Bell-Boeing. A reduction below 6 aircraft incurs an inordinate increase in unit cost, resulting in an affordability challenge for the program and / or an unacceptable return on investment for Bell-Boeing given their current capacity and tooling. 1-8-5: Represents Bell-Boeings minimum economic rate of 10 V-22 aircraft assuming one shift a day running for eight hours a day and five days a week (1-8-5); and denotes the lowest production rate prior to experiencing exponential growth in unit cost. Max: The maximum rate of 44 V-22 aircraft assumes continuous production at current plant capacity and tooling, would require additional shifts and/or staffing.

[4] AE1107C Engine Procurement contract will be a Firm Fixed Price base contract plus four option years.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)	**Item Number / Title [DODIC]:** 2 / 0164 CMV-22
ID Code (A=Service Ready, B=Not Service Ready) :	**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	0.000	0.000	697.057	0.000	697.057
Less PY Advance Procurement *($ in Millions)*	-	-	-	19.674	-	19.674
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	677.383	0.000	677.383
Plus CY Advance Procurement *($ in Millions)*	-	-	19.674	27.422	-	27.422
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**19.674**	**704.805**	**0.000**	**704.805**
(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 Thousands)*	-	-	-	116,176.167	-	116,176.167

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†) (5)	-	-	0.000	-	-	0.000	-	-	0.000	78,125.333	6	468.752	-	-	0.000	78,125.333	6	468.752
1.1.2) GFE	-	-	0.000	-	-	0.000	-	-	0.000	-	-	9.388	-	-	0.000	-	-	9.388
1.1.3) Engines/Eng Acc(†)	-	-	0.000	-	-	0.000	-	-	0.000	3,106.583	12	37.279	-	-	0.000	3,106.583	12	37.279
1.1.4) Other GFE	-	-	0.000	-	-	0.000	-	-	0.000	-	-	1.584	-	-	0.000	-	-	1.584
1.1.5) Recurring Flyaway ECO	-	-	0.000	-	-	0.000	-	-	0.000	-	-	9.375	-	-	0.000	-	-	9.375
Subtotal: Recurring Cost	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*526.378*	-	-	*0.000*	-	-	*526.378*
Non Recurring Cost																		
1.2.1) Non-Recurring Cost	-	-	0.000	-	-	0.000	-	-	0.000	-	-	4.851	-	-	0.000	-	-	4.851
1.2.2) Ancillary Equipment	-	-	0.000	-	-	0.000	-	-	0.000	-	-	2.194	-	-	0.000	-	-	2.194
Subtotal: Non Recurring Cost	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*7.045*	-	-	*0.000*	-	-	*7.045*
Subtotal: Flyaway Cost	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***533.423***	**-**	**-**	***0.000***	**-**	**-**	***533.423***
Support Cost																		
2.1) Airframe PGSE	-	-	0.000	-	-	0.000	-	-	0.000	-	-	27.162	-	-	0.000	-	-	27.162
2.2) Engine PGSE	-	-	0.000	-	-	0.000	-	-	0.000	-	-	2.445	-	-	0.000	-	-	2.445
2.3) Avionics PGSE	-	-	0.000	-	-	0.000	-	-	0.000	-	-	10.050	-	-	0.000	-	-	10.050

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)	Item Number / Title [DODIC]: 2 / 0164 CMV-22
ID Code (A=Service Ready, B=Not Service Ready) :		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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.4) Pec Trng Eq	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.380	-	-	0.000	-	-	0.380
2.5) Pub/Tech Eq	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.289	-	-	0.000	-	-	0.289
2.6) Prod Eng Supt (6)	-	-	0.000	-	-	0.000	-	-	0.000	-	-	73.811	-	-	0.000	-	-	73.811
2.7) Other ILS (7)	-	-	0.000	-	-	0.000	-	-	0.000	-	-	49.497	-	-	0.000	-	-	49.497
Subtotal: Support Cost	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***163.634***	**-**	**-**	***0.000***	**-**	**-**	***163.634***
Gross/Weapon System Cost	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**116,176.167**	**6**	**697.057**	**-**	**-**	**0.000**	**116,176.167**	**6**	**697.057**

Remarks:
The V-22 FY2018 budget request includes provisions for a multiyear procurement beginning in FY 2018 through FY 2024.

(†) indicates the presence of a P-5a

Footnotes:
(5) The CMV-22 aircraft is a modification of the MV-22 and will perform the Carrier Onboard Delivery (COD) mission and include: (1) external conformal fuel tanks to provide the capability to meet the range requirements that the COD mission demands, (2) a high frequency radio to transmit/receive beyond line of sight over water, and (3) a public address system for use while transporting passengers.
(6) Prod Eng Supt: Follow-On Flight Test and Mission Care efforts, both prime contractor support, are included in this cost element.
(7) Other ILS: Included in this cost element is the Joint Program Based Logistics prime contractor support.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)	Item Number / Title [DODIC]: 2 / 0164 CMV-22

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2018 (8)	Bell Boeing (9) / Amarillo, TX	SS / FPIF	NAVAIR	Nov 2017	Nov 2019	6	78,125.333	N	Sep 2016	Mar 2016
1.1.3) Engines/Eng Acc(†)		2018 (10)	Allison Engine Co. (Rolls Royce) / Indianapolis, IN	SS / FFP	NAVAIR	Jan 2018	Mar 2019	12	3,106.583	Y		Apr 2016

(†) indicates the presence of a P-21

Footnotes:

(8) The V-22 FY2018 budget request includes provisions for a multiyear procurement beginning in FY 2018 through FY 2024. FY2018 assumes four (4) FMS aircraft.

(9) MSR: A Minimum Sustaining Rate of 6 for the V-22 production is based on actuals from multiple production buys, including 2 MYP contracts spanning 10 years, and the current proposal provided by Bell-Boeing. A reduction below 6 aircraft incurs an inordinate increase in unit cost, resulting in an affordability challenge for the program and / or an unacceptable return on investment for Bell-Boeing given their current capacity and tooling. 1-8-5: Represents Bell-Boeings minimum economic rate of 10 V-22 aircraft assuming one shift a day running for eight hours a day and five days a week (1-8-5); and denotes the lowest production rate prior to experiencing exponential growth in unit cost. Max: The maximum rate of 44 V-22 aircraft assumes continuous production at current plant capacity and tooling, would require additional shifts and/or staffing.

(10) AE1107C Engine Procurement contract will be a Firm Fixed Price base contract plus four option years.

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift)	Item Number / Title [DODIC]: 2 / 0164 CMV-22

Cost Elements (Units in Each)							Fiscal Year 2018												Fiscal Year 2019											BALANCE
							Calendar Year 2018												Calendar Year 2019											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [5]																														
	1	2018	NAVY	6 [11]	0	6		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	1	2018	AF [‡]	1	0	1		A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	1	**2018**	**Total**	**7**	**0**	**7**		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**7**
1.1.3) Engines/Eng Acc																														
	2	2018	NAVY	12	0	12				A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	2	2	2	-	2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)	**Item Number / Title [DODIC]:** 2 / 0164 CMV-22

Cost Elements (Units in Each)							Fiscal Year 2020												Fiscal Year 2021												BALANCE
										Calendar Year 2020														Calendar Year 2021									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [5]																															
	1	2018	NAVY	6 [11]	0	6	-	1	1	1	-	-	1	-	-	1	-	1													0
	1	2018	AF [‡]	1	0	1	-	-	-	-	1	-	-	-	-	-	-	-													0
	1	**2018**	**Total**	**7**	**0**	**7**	**-**	**1**	**1**	**1**	**1**	**-**	**1**	**-**	**-**	**1**	**-**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0**
1.1.3) Engines/Eng Acc																															
	2	2018	NAVY	12	10	2	2																								0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)	**Item Number / Title [DODIC]:** 2 / 0164 CMV-22

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	Bell Boeing (9) - Amarillo, TX	6	10	44	19	3	24	27	0	2	24	26
2	Allison Engine Co. (Rolls Royce) - Indianapolis, IN	TBD	TBD	88	9	3	14	17	3	3	14	17

(‡) 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:

(9) MSR: A Minimum Sustaining Rate of 6 for the V-22 production is based on actuals from multiple production buys, including 2 MYP contracts spanning 10 years, and the current proposal provided by Bell-Boeing. A reduction below 6 aircraft incurs an inordinate increase in unit cost, resulting in an affordability challenge for the program and / or an unacceptable return on investment for Bell-Boeing given their current capacity and tooling. 1-8-5: Represents Bell-Boeings minimum economic rate of 10 V-22 aircraft assuming one shift a day running for eight hours a day and five days a week (1-8-5); and denotes the lowest production rate prior to experiencing exponential growth in unit cost. Max: The maximum rate of 44 V-22 aircraft assumes continuous production at current plant capacity and tooling, would require additional shifts and/or staffing.

(11) CV-22 Aircraft - Extended delivery schedule for FY2016 Congressional Add funded (Attrition Aircraft) to be delivered February 2020

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)
Program Elements for Code B Items: N/A	**Other Related Program Elements:** N/A
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
Gross/Weapon System Cost *($ in Millions)*	1,533.122	43.853	19.674	27.422	-	27.422	25.870	29.755	36.463	30.021	90.264	1,836.444
Net Procurement (P-1) *($ in Millions)*	1,533.122	43.853	19.674	27.422	-	27.422	25.870	29.755	36.463	30.021	90.264	1,836.444
Total Obligation Authority *($ in Millions)*	**1,533.122**	**43.853**	**19.674**	**27.422**	**-**	**27.422**	**25.870**	**29.755**	**36.463**	**30.021**	**90.264**	**1,836.444**

Description:

The V-22 is a tilt-rotor vertical takeoff and landing aircraft currently being produced for joint service application. The program provides an aircraft to meet the amphibious/vertical assault needs of the Marine Corps, the Carrier Onboard Delivery needs of the Navy, and supplements USSOCOM special mission aircraft. The aircraft is capable of flying 2,100 miles with one refueling, and gives the Services the advantage of a Vertical/Short Takeoff and Landing (V/STOL) aircraft that can rapidly self-deploy to any location in the world.

The current procurement objective is 461: 360 MV-22 Marine Corps aircraft, 48 CMV-22 aircraft, and 53 CV-22 aircraft for USSOCOM (funded by USSOCOM and the Air Force). The program successfully completed Milestone III in the 1st Quarter of 2006, and IOC in March of 2007.

The Advance Procurement (AP) funding will be used to procure long lead CFE items (24 months or greater production lead time) such as raw materials (inclusive of steel, titanium, aluminum, composites), forgings, bearings, fittings, panel assemblies, actuators, liners, bracket assemblies, retainer assemblies, bushings, rib assemblies, frame assemblies, pump assemblies, buffers, empennage assemblies, unions, flight control computers, lightweight inertial navigation system, skin assemblies, advanced mission computers, tube assemblies, gearboxes, and airframe structural components. V-22 lead times for components have been as high as 40.6 months (empennage assemblies). Other specific material lead items are 130 degree heavy duty hex drive bolts (39.0 months), remote transmitters (36.6 months), drag strut actuator assemblies (35.8 months), and steering unit supplier pull (35 months). All of these long lead items are essential to maintaining the current schedule.

Any reduction or delay in approval of advance procurement funding for CFE Airframe would result in a significant cost increase and schedule delay to the V-22 program.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)
Program Elements for Code B Items: N/A	**Other Related Program Elements:** N/A
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*	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	1 / 0164 MV-22			301 / 1,533.122	19 / 43.853	19 / -	- / -	- / -	- / -
P-10	2 / 0164 CMV-22			- / -	- / -	- / 19.674	6 / 27.422	- / -	6 / 27.422
P-40	**Total Gross/Weapon System Cost**			**301 / 1,533.122**	**19 / 43.853**	**19 / 19.674**	**6 / 27.422**	**- / -**	**6 / 27.422**

*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:
FY2018 Advance Procurement funding is requested for the long-lead requirements associated with the procurement of seven (7) CMV-22 aircraft in FY2019. Airframe/CFE requirements are calculated on a termination liability basis, reflecting contractor's funding requirements for procurement of long lead parts and materials necessary to protect the delivery schedule.

Cost estimates assume Multiyear Procurement contract structure for FY 2018 - 2024 for MV-22 and CMV-22.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)	**P-5 Number / Title:** 1 / 0164 MV-22

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
November 2013	October 2015	24 Months

0164 MV-22	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*
Quantity		301	19	19	-

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*
CFE					
Prior Years EOQ/Long Lead	0	1,128.023	-	-	-
FY13 for Lot 18 Long Lead	0	59.073	-	-	-
FY14 for Lot 19 Long Lead	0	62.484	-	-	-
FY14 EOQ	0	18.050	-	-	-
FY15 for Lot 20 Long Lead	0	40.017	-	-	-
FY15 EOQ	0	15.690	-	-	-
FY16 for Lot 21 Long Lead	0	40.411	-	-	-
FY16 EOQ	0	15.690	-	-	-
FY17 for Lot 22 Long Lead	0	-	38.590	-	-
FY17 EOQ	0	14.870	-	-	-
Total: CFE		*1,394.308*	*38.590*	*-*	*0.000*
GFE					
GFE Other	0	86.028	-	-	-
GFE Com/Nav	0	23.188	2.579	-	-
GFE EW	0	29.598	2.684	-	-
Total: GFE		*138.814*	*5.263*	*-*	*0.000*
Total Advance Procurement/Obligation Authority		**1,533.122**	**43.853**	**-**	**-**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)	**P-5 Number / Title:** 1 / 0164 MV-22

Cost Elements	QPA *(Each)*	FY 2018					
		Production Leadtime *(Months)*	Unit Cost *($ K)*	Contract Forecast Date	2018 Qty *(Each)*	For FY	Total Cost Request *($ M)*
CFE							
Prior Years EOQ/Long Lead	0						-
FY13 for Lot 18 Long Lead	0						-
FY14 for Lot 19 Long Lead	0						-
FY14 EOQ	0						-
FY15 for Lot 20 Long Lead	0						-
FY15 EOQ	0						-
FY16 for Lot 21 Long Lead	0						-
FY16 EOQ	0						-
FY17 for Lot 22 Long Lead	0						-
FY17 EOQ	0						-
Total: CFE							*0.000*
GFE							
GFE Other	0						-
GFE Com/Nav	0						-
GFE EW	0						-
Total: GFE							*0.000*
Total Advance Procurement/Obligation Authority							**-**

Description:
Advance Procurement will be used to procure long lead items.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)	**P-5 Number / Title:** 2 / 0164 CMV-22

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
January 2013	January 2013	0 Months

0164 CMV-22	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*
Quantity		-	-	-	6

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*
CFE					
FY17 for Lot 22 Long Lead	0	-	-	18.174	-
FY18 for Lot 23 Long Lead	0	-	-	-	22.511
Total: CFE		-	-	*18.174*	*22.511*
GFE					
GFE Com/Nav	0	-	-	0.750	2.509
GFE EW	0	-	-	0.750	2.402
Total: GFE		-	-	*1.500*	*4.911*
Total Advance Procurement/Obligation Authority		**-**	**-**	**19.674**	**27.422**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0164 / V-22 (Medium Lift)	**P-5 Number / Title:** 2 / 0164 CMV-22

Cost Elements	QPA *(Each)*	FY 2018					
		Production Leadtime *(Months)*	Unit Cost *($ K)*	Contract Forecast Date	2018 Qty *(Each)*	For FY	Total Cost Request *($ M)*
CFE							
FY17 for Lot 22 Long Lead	0						-
FY18 for Lot 23 Long Lead	0						22.511
Total: CFE							*22.511*
GFE							
GFE Com/Nav	0						2.509
GFE EW	0						2.402
Total: GFE							*4.911*
Total Advance Procurement/Obligation Authority							**27.422**

Description:
Advance Procurement will be used to procure long lead items

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604245N

Line Item MDAP/MAIS Code: 101

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 *(Units in Each)*	240	29	24	22	-	22	18	-	-	-	-	333
Gross/Weapon System Cost *($ in Millions)*	7,085.717	847.308	815.946	735.661	0.000	735.661	644.605	64.583	9.012	9.188	11.415	10,223.435
Less PY Advance Procurement *($ in Millions)*	289.680	63.354	56.168	57.232	-	57.232	42.082	-	-	-	-	508.516
Net Procurement (P-1) *($ in Millions)*	6,796.037	783.954	759.778	678.429	0.000	678.429	602.523	64.583	9.012	9.188	11.415	9,714.919
Plus CY Advance Procurement *($ in Millions)*	353.034	56.168	57.232	42.082	-	42.082	-	-	-	-	-	508.516
Total Obligation Authority *($ in Millions)*	**7,149.071**	**840.122**	**817.010**	**720.511**	**0.000**	**720.511**	**602.523**	**64.583**	**9.012**	**9.188**	**11.415**	**10,223.435**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	0.936	-	-	-	-	-	-	-	-	-	0.936
Flyaway Unit Cost *($ in Thousands)*	24,802.333	27,328.655	30,216.292	30,632.545	-	30,632.545	32,566.389	-	-	-	-	26,385.327
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Description: The mission of the AH-1Z attack helicopter is to provide rotary wing close air support, anti-armor, armed escort, armed/visual reconnaissance, anti-helicopter and point air defense and fire support coordination during day/night conditions. The mission of the UH-1Y utility helicopter is to provide command and control and combat assault support during day/night and reduced weather conditions. The UH-1Y/AH-1Z procurement strategy is to convert 37 AH-1W helicopters into AH-1Zs (complete), build 152 new AH-1Zs, remanufacture ten (10) H-1N helicopters into UH-1Ys (complete), and build 150 new UH-1Y models. The UH-1Y and AH-1Z share an 85 percent common footprint, which includes portions of maintenance planning, technical data, supply support, support equipment, facilities, and resources required at the intermediate and depot level maintenance activities for both structural and avionics items of repair.

Major modifications include a new 4-bladed rotor system with semiautomatic blade fold of the new composite rotor blades, performance-matched transmissions, a new 4-bladed tail rotor and drive system, upgraded landing gear, and pylon structural modifications. Both aircraft also incorporate common, modernized, and fully integrated cockpits/avionics that will reduce operator work load and improve situational awareness and safety. The UH-1Y/AH-1Z aircraft have increased maneuverability, speed, and payload capability. Additionally, the AH-1Z upgrades the current AH-1W Night Targeting System (NTS) Forward Looking Infrared (FLIR) system to a 3rd generation, staring, focal plane array FLIR that significantly extends autonomous weapons engagement ranges.

Program currently funded to 333 aircraft due to USMC prioritization; program of record remains 349 aircraft.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0604245N
Line Item MDAP/MAIS Code: 101		

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	1 / UH-1Y	P-5a			148 / 3,950.352	12 / 309.848	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-5	2 / AH-1Z	P-5a, P-21			92 / 3,135.365	17 / 537.460	24 / 815.946	22 / 735.661	- / 0.000	22 / 735.661
P-40	**Total Gross/Weapon System Cost**				**240 / 7,085.717**	**29 / 847.308**	**24 / 815.946**	**22 / 735.661**	**- / 0.000**	**22 / 735.661**

*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 FY 2018 Budget Request: Funds are requested in FY 2018 to procure 22 AH-1Z helicopters. FY 2017 was the first year the program procured one the AH-1Z variant. AH-1Z aircraft have a higher unit flyaway cost than UH-1Y aircraft due to mission-specific airframe, armament, and GFE requirements.

Program currently funded to 333 aircraft due to USMC prioritization; program of record remains 349 aircraft.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 1 / UH-1Y
ID Code (A=Service Ready, B=Not Service Ready) :	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)*	148	12	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	3,950.352	309.848	0.000	0.000	0.000	0.000
Less PY Advance Procurement *($ in Millions)*	185.362	27.152	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	3,764.990	282.696	0.000	0.000	0.000	0.000
Plus CY Advance Procurement *($ in Millions)*	212.515	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**3,977.505**	**282.696**	**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 Thousands)*	26,691.568	25,820.667	-	-	-	-

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†) (1)	17,981.534	148	2,661.267	19,384.077	12	232.609	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.2) GFE Electronics	-	-	278.983	-	-	35.221	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.3) Engines/Eng Acc (new)(†)	525.076	224	117.617	819.809	24	19.675	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.4) Engines/Eng Acc (refurb)(†)	386.472	72	27.826	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.5) Armament	-	-	1.526	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.6) Other GFE	-	-	44.027	-	-	2.208	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.7) ECO	-	-	61.584	-	-	4.294	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Recurring Cost	-	-	*3,192.830*	-	-	*294.007*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*
Non Recurring Cost																		
1.2.1) Non-Recur Cost	-	-	125.857	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.2.2) Ancillary Equip	-	-	14.815	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Non Recurring Cost	-	-	*140.672*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*
Subtotal: Flyaway Cost	**-**	**-**	***3,333.502***	**-**	**-**	***294.007***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***
Support Cost																		
2.1) Airframe PGSE	-	-	165.897	-	-	3.417	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.2) Pec trng Eq	-	-	115.711	-	-	1.662	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 1 / UH-1Y
ID Code (A=Service Ready, B=Not Service Ready) :	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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.3) Pub/Tech Eq	-	-	84.727	-	-	1.360	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.4) Prod Eng Supt	-	-	130.757	-	-	5.863	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.5) Other ILS	-	-	116.765	-	-	3.539	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.6) Reclamation	-	-	2.993	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Support Cost	***-***	***-***	***616.850***	***-***	***-***	***15.841***	***-***	***-***	***0.000***	***-***	***-***	***0.000***	***-***	***-***	***0.000***	***-***	***-***	***0.000***
Gross/Weapon System Cost	**26,691.568**	**148**	**3,950.352**	**25,820.667**	**12**	**309.848**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**

(†) indicates the presence of a P-5a

Footnotes:

(1) FY 2016 completes the program of record procurement of 160 UH-1Y aircraft.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 1 / UH-1Y

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE		2014	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	May 2014	Oct 2015	13	18,762.312	Y	Jan 2014	Jan 2013
1.1.1) Airframe/CFE		2015 (2)	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Aug 2015	May 2016	15	18,916.883	Y	Jan 2015	Jan 2014
1.1.1) Airframe/CFE		2016 (3)	Bell Helicopter Textron, Inc / Hurst, TX	C / FPIF	NAVAIR	Jan 2016	May 2017	12	19,384.077	Y	Jan 2016	Jan 2014
1.1.3) Engines/Eng Acc (new)		2016	General Electric, Co. / Lynn, MA	C / FFP	AMCOM	Jan 2016	Aug 2016	24	819.809	Y	Oct 2015	Jan 2015
1.1.4) Engines/Eng Acc (refurb)		2015	GE Engine Services / Cincinnati, OH	C / IDIQ	NAVAIR	Feb 2015	Feb 2015	30	377.291	Y	Feb 2015	Jan 2014

Footnotes:

(2) Lot 12 contract award required additional review and complex negotiations in order to include an option for Lot 13.

(3) Lot 12 contract award required additional review and complex negotiations in order to include an option for Lot 13.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z	**Item Number / Title [DODIC]:** 2 / AH-1Z
ID Code (A=Service Ready, B=Not Service Ready) :	**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)*	92	17	24	22	-	22
Gross/Weapon System Cost *($ in Millions)*	3,135.365	537.460	815.946	735.661	0.000	735.661
Less PY Advance Procurement *($ in Millions)*	104.317	36.202	56.168	57.232	-	57.232
Net Procurement (P-1) *($ in Millions)*	3,031.048	501.258	759.778	678.429	0.000	678.429
Plus CY Advance Procurement *($ in Millions)*	140.519	56.168	57.232	42.082	-	42.082
Total Obligation Authority *($ in Millions)*	**3,171.567**	**557.426**	**817.010**	**720.511**	**0.000**	**720.511**
(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 Thousands)*	34,080.054	31,615.294	33,997.750	33,439.136	-	33,439.136

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†)	19,833.880	92	1,824.717	20,543.881	17	349.246	21,067.221	24	505.613	21,588.500	22	474.947	-	-	0.000	21,588.500	22	474.947
1.1.2) GFE Electronics	-	-	275.523	-	-	102.432	-	-	145.731	-	-	135.774	-	-	0.000	-	-	135.774
1.1.3) Engines/Eng Acc (new)(†) (4)	705.200	80	56.416	819.754	34	27.872	832.372	48	39.954	847.360	44	37.284	-	-	0.000	847.360	44	37.284
1.1.4) Engines/Eng Acc (refurb)	313.846	104	32.640	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.5) Armament (5)	-	-	29.851	-	-	9.121	-	-	13.127	-	-	12.346	-	-	0.000	-	-	12.346
1.1.6) Other GFE	-	-	32.840	-	-	2.869	-	-	4.226	-	-	4.065	-	-	0.000	-	-	4.065
1.1.7) Rec Flyaway ECO	-	-	56.239	-	-	6.984	-	-	10.112	-	-	9.500	-	-	0.000	-	-	9.500
Subtotal: Recurring Cost	*-*	*-*	*2,308.226*	*-*	*-*	*498.524*	*-*	*-*	*718.763*	*-*	*-*	*673.916*	*-*	*-*	*0.000*	*-*	*-*	*673.916*
Non Recurring Cost																		
1.2.1) Non-Recur Cost (6)	-	-	123.843	-	-	0.000	-	-	6.428	-	-	0.000	-	-	0.000	-	-	0.000
1.2.3) Ancillary Equip	-	-	186.989	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Non Recurring Cost	-	-	*310.832*	-	-	*0.000*	-	-	*6.428*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*
Subtotal: Flyaway Cost	**-**	**-**	***2,619.058***	**-**	**-**	***498.524***	**-**	**-**	***725.191***	**-**	**-**	***673.916***	**-**	**-**	***0.000***	**-**	**-**	***673.916***
Support Cost																		
2.1) Airframe PGSE (7)	-	-	117.121	-	-	12.392	-	-	19.051	-	-	10.942	-	-	0.000	-	-	10.942
2.2) Pec Trng Eq	-	-	101.973	-	-	0.000	-	-	18.465	-	-	0.939	-	-	0.000	-	-	0.939

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 2 / AH-1Z
ID Code (A=Service Ready, B=Not Service Ready) :	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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.3) Pub/Tech Eq [8]	-	-	75.214	-	-	3.488	-	-	6.157	-	-	5.568	-	-	0.000	-	-	5.568
2.4) Prod Eng Supt [9]	-	-	133.177	-	-	12.126	-	-	24.367	-	-	23.680	-	-	0.000	-	-	23.680
2.5) Other ILS [10]	-	-	85.829	-	-	10.930	-	-	22.715	-	-	20.616	-	-	0.000	-	-	20.616
2.6) Reclamation	-	-	2.993	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Support Cost	**-**	**-**	***516.307***	**-**	**-**	***38.936***	**-**	**-**	***90.755***	**-**	**-**	***61.745***	**-**	**-**	***0.000***	**-**	**-**	***61.745***
Gross/Weapon System Cost	**34,080.054**	**92**	**3,135.365**	**31,615.294**	**17**	**537.460**	**33,997.750**	**24**	**815.946**	**33,439.136**	**22**	**735.661**	**-**	**-**	**0.000**	**33,439.136**	**22**	**735.661**

(†) indicates the presence of a P-5a

Footnotes:

(4) All new engines are factored into the budget from FY 2016 through the FYDP. New T-700-401C engines provide for higher maintainability and reliability, increased time on wing, and ultimately lower life-cycle costs. Refurbished T-700-401C engines are procured as budget constraints warrant and the H-60 B/F sundown schedule permits. An additional determining factor for refurb engine procurement is the repair (refurb) contract ceiling for H-1, H-60, and the Fleet with General Electric Engine Services (GEES), currently at 49 engines per year.

(5) FY 2018 AH-1Z Armament increase due to unavailability of legacy and refurbished gun barrels and M-197 20 mm guns. Prior to FY 2015, these components were harvested at no cost from AH-1W aircraft. In FY 2015 and FY 2016, these components were procured refurbished at a reduced cost. All new gun barrels and M-197 20 mm guns are budgeted from FY 2017 Lot 14 through the completion of the production program.

(6) FY 2017 Non-Recurring Cost is required for production line tooling to accommodate the increased AH-1Z quantities.

(7) All P-5 Support Costs reflected in FY 2017 through the completion of the program are in support of the 85 percent common footprint, which were prorated between the UH-1Y and AH-1Z exhibits in FY 2016 and years prior. Airframe PGSE includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability requirement.

(8) All P-5 Support Costs reflected in FY 2017 through the completion of the program are in support of the 85 percent common footprint, which were prorated between the UH-1Y and AH-1Z exhibits in FY 2016 and years prior. FY 2016 Pub/Tech Equipment includes publications in support of new requirements for overhaul procedures, which lowers total ownership costs across the life cycle.

(9) All P-5 Support Costs reflected in FY 2017 through the completion of the program are in support of the 85 percent common footprint, which were prorated between the UH-1Y and AH-1Z exhibits in FY 2016 and years prior.

(10) All P-5 Support Costs reflected in FY 2017 through the completion of the program are in support of the 85 percent common footprint, which were prorated between the UH-1Y and AH-1Z exhibits in FY 2016 and years prior. Other ILS includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability requirement.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 2 / AH-1Z

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2013	Bell Helicopter (11) / Fort Worth TX	C / FPIF	NAVAIR	Dec 2012	May 2016	14	16,868.246	Y	Jan 2013	Jan 2012
1.1.1) Airframe/CFE(†)		2014	Bell Helicopter (11) / Fort Worth TX	C / FPIF	NAVAIR	May 2014	Mar 2017	10	20,027.979	Y	Jan 2014	Jan 2013
1.1.1) Airframe/CFE(†)		2015	Bell Helicopter (11) / Fort Worth TX	C / FPIF	NAVAIR	Aug 2015	Aug 2017	15	20,307.562	Y	Jan 2015	Jan 2014
1.1.1) Airframe/CFE(†)	✓	2015	Bell Helicopter (11) / Fort Worth TX	C / FPIF	NAVAIR	Aug 2015	May 2018	1	20,307.562	Y	Jan 2015	Jan 2014
1.1.1) Airframe/CFE(†)		2016	Bell Helicopter (11) / Fort Worth TX	C / FPIF	NAVAIR	Jan 2016	Jun 2018	17	20,543.881	Y	Jan 2016	Jan 2014
1.1.1) Airframe/CFE(†)		2017 (12)	Bell Helicopter (11) / Fort Worth TX	C / FPIF	NAVAIR	Jan 2017	Mar 2019	24	21,067.221	Y	Jan 2017	Jan 2016
1.1.1) Airframe/CFE(†)		2018	Bell Helicopter (11) / Fort Worth TX	C / FPIF	NAVAIR	Jan 2018	Mar 2020	22	21,588.500	Y	Jan 2018	Jan 2017
1.1.3) Engines/Eng Acc (new)(†)		2015	General Electric Co. / Lynn, MA	C / IDIQ	AMCOM	Aug 2015	Nov 2016	30	804.949	Y	Oct 2014	Jan 2014
1.1.3) Engines/Eng Acc (new)(†)	✓	2015	General Electric Co. / Lynn, MA	C / IDIQ	AMCOM	Aug 2015	Jul 2017	2	804.949	Y	Oct 2014	Jan 2014
1.1.3) Engines/Eng Acc (new)(†)		2016	General Electric Co. / Lynn, MA	C / IDIQ	AMCOM	Jan 2016	Aug 2017	34	819.754	Y	Oct 2015	Jan 2015
1.1.3) Engines/Eng Acc (new)(†)		2017	General Electric Co. / Lynn, MA	C / IDIQ	AMCOM	Jan 2017	Feb 2018	48	832.372	Y	Oct 2016	Jan 2016
1.1.3) Engines/Eng Acc (new)(†)		2018	General Electric Co. / Lynn, MA	C / IDIQ	AMCOM	Jan 2018	Feb 2019	44	847.360	Y	Oct 2017	Jan 2017

(†) indicates the presence of a P-21

Footnotes:

(11) Production Rates reflected apply to the combined production of the UH-1Y and AH-1Z with the exception of the UH-1Y Max.

(12) Date of first delivery for FY 2017 reflects the fact that all aircraft will be AH-1Z with no UH-1Y.

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 2 / AH-1Z

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014											BALANCE
										Calendar Year 2013														Calendar Year 2014								
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
Prior Years Deliveries: 52																														
	1	2013	NAVY	14 (13)	0	14			A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
	1	2014	NAVY	10	0	10																				A -	-	-	-	-	10
	1	2015	NAVY	15	0	15																									15
✓	1	2015	NAVY	1	0	1																									1
	1	2016	NAVY	17	0	17																									17
	1	2017	NAVY	24	0	24																									24
	1	2018	NAVY	22	0	22																									22
1.1.3) Engines/Eng Acc (new) (4)																														
Prior Years Deliveries: 48																														
	2	2015	NAVY	30	0	30																									30
✓	2	2015	NAVY	2	0	2																									2
	2	2016	NAVY	34	0	34																									34
	2	2017	NAVY	48	0	48																									48
	2	2018	NAVY	44	0	44																									44
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 2 / AH-1Z

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016											BALANCE
										Calendar Year 2015														Calendar Year 2016								
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
Prior Years Deliveries: 52																														
	1	2013	NAVY	14 (13)	0	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	10
	1	2014	NAVY	10	0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	1	2015	NAVY	15	0	15											A	-	-	-	-	-	-	-	-	-	-	-	-	-	15
✓	1	2015	NAVY	1	0	1											A	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	1	2016	NAVY	17	0	17																A	-	-	-	-	-	-	-	-	17
	1	2017	NAVY	24	0	24																									24
	1	2018	NAVY	22	0	22																									22
1.1.3) Engines/Eng Acc (new) (4)																														
Prior Years Deliveries: 48																														
	2	2015	NAVY	30	0	30											A	-	-	-	-	-	-	-	-	-	-	-	-	-	30
✓	2	2015	NAVY	2	0	2											A	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	2	2016	NAVY	34	0	34																A	-	-	-	-	-	-	-	-	34
	2	2017	NAVY	48	0	48																									48
	2	2018	NAVY	44	0	44																									44
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 2 / AH-1Z

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018											BALANCE
							Calendar Year 2017												Calendar Year 2018											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
Prior Years Deliveries: 52																														
	1	2013	NAVY	14 (13)	4	10	2	2	2	2	2																			0
	1	2014	NAVY	10	0	10	-	-	-	-	-	2	2	3	3																0
	1	2015	NAVY	15	0	15	-	-	-	-	-	-	-	-	-	-	1	1	1	2	1	2	2	2	2	1					0
✓	1	2015	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1					0
	1	2016	NAVY	17	0	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	2	10
	1	2017	NAVY	24	0	24				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
	1	2018	NAVY	22	0	22																A -	-	-	-	-	-	-	-	-	22
1.1.3) Engines/Eng Acc (new) (4)																														
Prior Years Deliveries: 48																														
	2	2015	NAVY	30	0	30	-	4	4	2	4	4	2	4	4	2															0
✓	2	2015	NAVY	2	0	2	-	-	-	-	-	-	-	-	-	2															0
	2	2016	NAVY	34	0	34	-	-	-	-	-	-	-	-	-	-	4	6	6	4	4	4	6								0
	2	2017	NAVY	48	0	48				A -	-	-	-	-	-	-	-	-	-	-	-	-	2	4	4	6	4	4	6	4	14
	2	2018	NAVY	44	0	44																A -	-	-	-	-	-	-	-	-	44
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 2 / AH-1Z

Cost Elements (Units in Each)							Fiscal Year 2019												Fiscal Year 2020												BALANCE
							Calendar Year 2019												Calendar Year 2020													
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																															
Prior Years Deliveries: 52																															
	1	2013	NAVY	14 (13)	14	0																									0
	1	2014	NAVY	10	10	0																									0
	1	2015	NAVY	15	15	0																									0
✓	1	2015	NAVY	1	1	0																									0
	1	2016	NAVY	17	7	10	2	2	2	2	2																				0
	1	2017	NAVY	24	0	24	-	-	-	-	-	2	2	2	3	2	2	3	2	2	2	1	1								0
	1	2018	NAVY	22	0	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	3	7
1.1.3) Engines/Eng Acc (new) (4)																															
Prior Years Deliveries: 48																															
	2	2015	NAVY	30	30	0																									0
✓	2	2015	NAVY	2	2	0																									0
	2	2016	NAVY	34	34	0																									0
	2	2017	NAVY	48	34	14	4	4	6																						0
	2	2018	NAVY	44	0	44	-	-	-	-	4	4	6	4	4	6	4	4	4	4											0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0178 / UH-1Y/AH-1Z	Item Number / Title [DODIC]: 2 / AH-1Z

Cost Elements (Units in Each)							Fiscal Year 2021												Fiscal Year 2022												BALANCE
										Calendar Year 2021														Calendar Year 2022									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																															
Prior Years Deliveries: 52																															
	1	2013	NAVY	14 (13)	14	0																									0
	1	2014	NAVY	10	10	0																									0
	1	2015	NAVY	15	15	0																									0
✓	1	2015	NAVY	1	1	0																									0
	1	2016	NAVY	17	17	0																									0
	1	2017	NAVY	24	24	0																									0
	1	2018	NAVY	22	15	7	2	2	3																						0
1.1.3) Engines/Eng Acc (new) (4)																															
Prior Years Deliveries: 48																															
	2	2015	NAVY	30	30	0																									0
✓	2	2015	NAVY	2	2	0																									0
	2	2016	NAVY	34	34	0																									0
	2	2017	NAVY	48	48	0																									0
	2	2018	NAVY	44	44	0																									0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z	**Item Number / Title [DODIC]:** 2 / AH-1Z

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	Bell Helicopter (11) - Fort Worth TX	24	26	32	12	3	24	27	12	3	24	27
2	General Electric Co. - Lynn, MA	12	24	60	2	3	16	19	2	3	16	19

"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:
(11) Production Rates reflected apply to the combined production of the UH-1Y and AH-1Z with the exception of the UH-1Y Max.
(13) Foreign Military Sale of H-1 airframes resulted in the late addition of two FY 2013 airframes, which were executed on the Lot 11 contract.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z
Program Elements for Code B Items: N/A	**Other Related Program Elements:** 0604245N
Line Item MDAP/MAIS Code: 101	

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 *($ in Millions)*	353.034	56.168	57.232	42.082	-	42.082	-	-	-	-	-	508.516
Net Procurement (P-1) *($ in Millions)*	353.034	56.168	57.232	42.082	-	42.082	-	-	-	-	-	508.516
Total Obligation Authority *($ in Millions)*	**353.034**	**56.168**	**57.232**	**42.082**	**-**	**42.082**	**-**	**-**	**-**	**-**	**-**	**508.516**

Description:

The mission of the AH-1Z attack helicopter is to provide rotary wing close air support, anti-armor, armed escort, armed/visual reconnaissance, anti-helicopter and point air defense and fire support coordination during day/night conditions. The mission of the UH-1Y utility helicopter is to provide command and control and combat assault support during day/night and reduced weather conditions. The UH-1Y/AH-1Z procurement strategy is to convert 37 AH-1W helicopters into AH-1Zs (complete), build 152 new AH-1Zs, remanufacture ten (10) H-1N helicopters into UH-1Ys (complete), and build 150 new UH-1Y models. The UH-1Y and AH-1Z share an 85 percent common footprint, which includes portions of maintenance planning, technical data, supply support, support equipment, facilities, and resources required at the intermediate and depot level maintenance activities for both structural and avionics items of repair.

Major modifications include a new 4-bladed rotor system with semiautomatic blade fold of the new composite rotor blades, performance-matched transmissions, a new 4-bladed tail rotor and drive system, upgraded landing gear, and pylon structural modifications. Both aircraft also incorporate common, modernized, and fully integrated cockpits/avionics that reduce operator work load and improve situational awareness and safety. The UH-1Y/AH-1Z aircraft have increased maneuverability, speed, and payload capability. Additionally, the AH-1Z upgrades the current Night Targeting Forward Looking InfraRed (FLIR) system to a 3rd generation, staring, focal plane array FLIR that significantly extends autonomous weapons engagement ranges.

Basis for FY 2018 Budget Request: Funds are requested in FY 2018 to procure long-lead components and materials in support of 17 AH-1Z helicopters in FY 2019.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z
Program Elements for Code B Items: N/A	**Other Related Program Elements:** 0604245N
Line Item MDAP/MAIS Code: 101	

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	1 / UH-1Y			148 / 212.515	12 / -	- / -	- / -	- / -	- / -
P-10	2 / AH-1Z			92 / 140.519	17 / 56.168	24 / 57.232	22 / 42.082	- / -	22 / 42.082
P-40	**Total Gross/Weapon System Cost**			**240 / 353.034**	**29 / 56.168**	**24 / 57.232**	**22 / 42.082**	**- / -**	**22 / 42.082**

*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:

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z	**P-5 Number / Title:** 1 / UH-1Y

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
January 2013	October 2015	1 Months

UH-1Y	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*
Quantity		148	12	-	-

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*
CFE					
Dynamic Component Parts (mast assembly, rod end assembly, plys raw material, etc)	8	23.421	-	-	-
UH-1Y Cabin Materials	7	139.171	-	-	-
Other (forgings, bearings, shafts, castings, bolts, pins, etc.)	13	49.923	-	-	-
Total: CFE		*212.515*	-	-	*0.000*
Total Advance Procurement/Obligation Authority		**212.515**	**-**	**-**	**-**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z	**P-5 Number / Title:** 1 / UH-1Y

Cost Elements	QPA (Each)	FY 2018 Production Leadtime (Months)	FY 2018 Unit Cost ($ K)	FY 2018 Contract Forecast Date	FY 2018 2018 Qty (Each)	FY 2018 For FY	Total Cost Request ($ M)
CFE							
Dynamic Component Parts (mast assembly, rod end assembly, plys raw material, etc)	0						-
UH-1Y Cabin Materials	0						-
Other (forgings, bearings, shafts, castings, bolts, pins, etc.)	0						-
Total: CFE							*0.000*
Total Advance Procurement/Obligation Authority							**-**

Description:
The Advance Procurement (AP) funding will be used to procure long lead CFE items (24 months or greater production lead time) such as raw materials (inclusive of steel, titanium, aluminum, composites), castings, forgings, bearings, actuators, tube assemblies, panel assemblies, gearboxes and airframe structural components. H-1 lead times for components have been as high as 59 months. The H-1 program has been actively pursuing lead time reductions and the current longest lead component is in excess of 43 months (mast forging). Some specific material lead items are other forgings (39 months), bearings (37 months), actuators (28 months). All of these long lead items are essential to maintaining the current schedule in support of the Fleet Marine Forces and the transition to the UH-1Y and the AH-1Z.

Any reduction or delay in approval of advance procurement funding for CFE Airframe would result in a significant cost increase and schedule delay to the H-1 program.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z	**P-5 Number / Title:** 2 / AH-1Z

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
January 2013	October 2015	1 Months

AH-1Z	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*
Quantity		92	17	24	22

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*
CFE					
AH-1Z Cabin Materials	7	90.744	36.272	36.958	27.184
Dynamic Component Parts Dynamic Component Parts (mast assembly, rod end assembly, plys raw material)	8	15.875	6.345	6.466	4.751
Other (forgings, bearings, shafts, castings, bolts, pins, etc.)	13	33.900	13.551	13.808	10.147
Total: CFE		*140.519*	*56.168*	*57.232*	*42.082*
Total Advance Procurement/Obligation Authority		**140.519**	**56.168**	**57.232**	**42.082**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0178 / UH-1Y/AH-1Z	**P-5 Number / Title:** 2 / AH-1Z

Cost Elements	QPA *(Each)*	FY 2018					Total Cost Request *($ M)*
		Production Leadtime *(Months)*	Unit Cost *($ K)*	Contract Forecast Date	2018 Qty *(Each)*	For FY	
CFE							
AH-1Z Cabin Materials	0						27.184
Dynamic Component Parts Dynamic Component Parts (mast assembly, rod end assembly, plys raw material)	1						4.751
Other (forgings, bearings, shafts, castings, bolts, pins, etc.)	0						10.147
Total: CFE							*42.082*
Total Advance Procurement/Obligation Authority							**42.082**

Description:
The Advance Procurement (AP) funding will be used to procure long lead CFE items (24 months or greater production lead time) such as raw materials (inclusive of steel, titanium, aluminum, composites), castings, forgings, bearings, actuators, tube assemblies, panel assemblies, gearboxes and airframe structural components. H-1 lead times for components have been as high as 59 months. The H-1 program has been actively pursuing lead time reductions and the current longest lead component is in excess of 43 months (mast forging). Some specific material lead items are other forgings (39 months), bearings (37 months), actuators (28 months). All of these long lead items are essential to maintaining the current schedule in support of the Fleet Marine Forces and the transition to the UH-1Y and the AH-1Z.

Any reduction or delay in approval of advance procurement funding for CFE Airframe would result in a significant cost increase and schedule delay to the H-1 program.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0179 / MH-60S (MYP)
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: 282	

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 *(Units in Each)*	275	-	-	-	-	-	-	-	-	-	-	275
Gross/Weapon System Cost *($ in Millions)*	6,728.595	28.232	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	6,756.827
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	6,728.595	28.232	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	6,756.827
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**6,728.595**	**28.232**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**6,756.827**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	0.465	-	-	-	-	-	-	-	-	-	0.465
Flyaway Unit Cost *($ in Thousands)*	20,579.895	-	-	-	-	-	-	-	-	-	-	20,579.895
Gross/Weapon System Unit Cost *($ in Thousands)*	24,467.618	-	-	-	-	-	-	-	-	-	-	24,570.280

Description:

The primary roles of the aircraft are to conduct vertical replenishment, day/night ship-to-ship, ship-to-shore, and shore-to-ship external transfer of cargo; internal transport of passengers, mail and cargo, vertical onboard delivery; airhead operations, and day/night search and rescue. Armed Helo and Airborne Mine Countermeasures (AMCM) have been added as primary mission areas for the MH-60S, being completed as block upgrades to the platform. Armed Helo provides the Navy with organic Surface Warfare, Force Protection and Combat Search and Rescue capabilities. Additional Armed Helo mission areas include Special Warfare Support, Maritime Interdiction Operations and Carrier Plane Guard. AMCM provides an organic capability for the Littoral Combat Ship Mine Countermeasures Mission Package. Secondary roles include torpedo and drone recovery, noncombatant evacuation operations, Navy SEAL and Explosive Ordnance Disposal support.

1. Final MH-60S aircraft was delivered on January 4, 2016.
2. Prior Years Initial Spares should reflect $171.632 vice $0.000.

Justification:
No budget request for FY 2018. FY 2016 is the last year of funding.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0182 / MH-60R
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: 191		

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 *(Units in Each)*	249	29	-	-	-	-	-	-	-	-	-	278
Gross/Weapon System Cost *($ in Millions)*	9,917.474	1,104.242	61.177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	11,082.893
Less PY Advance Procurement *($ in Millions)*	1,393.638	217.205	-	-	-	-	-	-	-	-	-	1,610.843
Net Procurement (P-1) *($ in Millions)*	8,523.836	887.037	61.177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	9,472.050
Plus CY Advance Procurement *($ in Millions)*	1,610.843	-	-	-	-	-	-	-	-	-	-	1,610.843
Total Obligation Authority *($ in Millions)*	**10,134.679**	**887.037**	**61.177**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**11,082.893**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	1.023	-	-	-	-	-	-	-	-	-	1.023
Flyaway Unit Cost *($ in Thousands)*	34,237.181	34,509.172	-	-	-	-	-	-	-	-	-	34,265.554
Gross/Weapon System Unit Cost *($ in Thousands)*	39,829.213	38,077.310	-	-	-	-	-	-	-	-	-	39,866.522

Description:

The MH-60R Multi-Mission helicopter provides battle group protection and adds significant capability in coastal littorals and regional conflicts. The MH-60R Multi-Mission Helicopter represents a significant avionics improvement to the H-60 series helicopters by enhancing primary mission areas of Anti-Submarine Warfare, Electronic Warfare, and Surface Warfare which includes the fast attack craft/fast in-shore attack craft (FAC/FAIC) threat response capabilities. Secondary MH-60R mission areas include search and rescue, vertical replenishment, naval surface fire support, logistics support, naval special warfare, and strike warfare. Airborne Low Frequency Sonar is added to enhance the existing acoustics suite. An added Multi-Mode Radar includes an Inverse Synthetic Aperture Radar mode (permits stand-off classification of hostile threats). An improved Electronics Surveillance Measures system will enable passive detection and targeting of radar sources not currently detectable. Pre-Planned Product Improvements includes upgrades to communication, navigation, Identification Friend or Foe, Multi-Spectral Targeting System/Forward Looking Infrared, radar, weapons, data link, safety, maintenance, airframe and mission planning systems.

Notes:
1. Prior Years Initial Spares should reflect $299.543 vice $0.000.
2. Totals may not add due to rounding.

Justification:
No budget request for FY 2018. FY 2017 is the last year of funding.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0605500N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 334	

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 *(Units in Each)*	63	17	17	7	-	7	7	6	-	-	-	117
Gross/Weapon System Cost *($ in Millions)*	13,591.023	3,177.152	3,103.245	1,376.124	0.000	1,376.124	1,600.498	1,241.668	97.000	0.000	-	24,186.710
Less PY Advance Procurement *($ in Millions)*	1,131.485	203.387	243.007	130.873	-	130.873	146.347	120.000	-	-	-	1,975.099
Net Procurement (P-1) *($ in Millions)*	12,459.538	2,973.765	2,860.238	1,245.251	0.000	1,245.251	1,454.151	1,121.668	97.000	0.000	-	22,211.611
Plus CY Advance Procurement *($ in Millions)*	1,341.058	250.568	123.140	140.333	-	140.333	120.000	-	-	-	-	1,975.099
Total Obligation Authority *($ in Millions)*	**13,800.596**	**3,224.333**	**2,983.378**	**1,385.584**	**0.000**	**1,385.584**	**1,574.151**	**1,121.668**	**97.000**	**0.000**	**-**	**24,186.710**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	6.915	44.700	33.063	-	33.063	27.447	-	-	-	-	112.125
Flyaway Unit Cost *($ in Thousands)*	175,444.254	161,132.294	168,124.824	173,260.714	-	173,260.714	184,270.571	168,920.667	-	-	-	173,193.179
Gross/Weapon System Unit Cost *($ in Thousands)*	215,730.524	186,891.294	182,543.824	196,589.143	-	196,589.143	228,642.571	206,944.667	-	-	-	206,724.017

Description:

The P-8A Multi-mission Maritime Aircraft (MMA) system is a commercial derivative aircraft based on Boeing's 737-800 ERX. The P-8A is the replacement system for the P-3C. The P-8A will sustain and improve the armed maritime and littoral Intelligence, Surveillance, and Reconnaissance capabilities for U.S. Naval Forces in traditional, joint and combined roles to counter changing and emerging threats. The P-8A will have a substantial role in Sea Power 21 and will satisfy several mission requirements in Sea Shield, Sea Strike and FORCEnet. The primary roles of the P-8A are persistent Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASuW). The procurement funds the production of the aircraft, trainers and associated support equipment.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0605500N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 334		

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	1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)	P-5a, P-21			63 / 13,591.023	17 / 3,177.152	17 / 3,103.245	7 / 1,376.124	- / 0.000	7 / 1,376.124
P-40	**Total Gross/Weapon System Cost**				**63 / 13,591.023**	**17 / 3,177.152**	**17 / 3,103.245**	**7 / 1,376.124**	**- / 0.000**	**7 / 1,376.124**

*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 FY 2018 BUDGET REQUEST:

FY 2018 procurement funds are required for 7 Full Rate Production aircraft with associated equipment.

Total procurement requirement increased to the CNO Warfighter requirement of 117 aircraft.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon	**Item Number / Title [DODIC]:** 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)
ID Code (A=Service Ready, B=Not Service Ready) :		**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)*	63	17	17	7	-	7
Gross/Weapon System Cost *($ in Millions)*	13,591.023	3,177.152	3,103.245	1,376.124	0.000	1,376.124
Less PY Advance Procurement *($ in Millions)*	1,131.485	203.387	243.007	130.873	-	130.873
Net Procurement (P-1) *($ in Millions)*	12,459.538	2,973.765	2,860.238	1,245.251	0.000	1,245.251
Plus CY Advance Procurement *($ in Millions)*	1,341.058	250.568	123.140	140.333	-	140.333
Total Obligation Authority *($ in Millions)*	**13,800.596**	**3,224.333**	**2,983.378**	**1,385.584**	**0.000**	**1,385.584**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	6.915	44.700	33.063	-	33.063
Gross/Weapon System Unit Cost *($ in Thousands)*	215,730.524	186,891.294	182,543.824	196,589.143	-	196,589.143

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†)	125,680.381	63	7,917.864	121,587.488	17	2,066.987	126,686.000	17	2,153.662	123,988.937	7	867.923	-	-	-	123,988.937	7	867.923
1.1.2) CFE Electronics	-	-	2,128.620	-	-	309.868	-	-	318.267	-	-	137.328	-	-	-	-	-	137.328
1.1.3) GFE Electronics	-	-	360.218	-	-	230.045	-	-	236.088	-	-	98.013	-	-	-	-	-	98.013
1.1.4) Other GFE	-	-	1.521	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.5) Rec Flyaway ECO	-	-	380.505	-	-	59.886	-	-	61.024	-	-	24.834	-	-	-	-	-	24.834
Subtotal: Recurring Cost	-	-	*10,788.728*	-	-	*2,666.786*	-	-	*2,769.041*	-	-	*1,128.098*	-	-	-	-	-	*1,128.098*
Non Recurring Cost																		
1.2.1) Ancillary Equip (1)	-	-	18.026	-	-	16.163	-	-	31.948	-	-	39.430	-	-	-	-	-	39.430
1.2.2) Non-Recur Cost	-	-	246.234	-	-	56.300	-	-	57.133	-	-	45.297	-	-	-	-	-	45.297
Subtotal: Non Recurring Cost	-	-	*264.260*	-	-	*72.463*	-	-	*89.081*	-	-	*84.727*	-	-	-	-	-	*84.727*
Subtotal: Flyaway Cost	**-**	**-**	***11,052.988***	**-**	**-**	***2,739.249***	**-**	**-**	***2,858.122***	**-**	**-**	***1,212.825***	**-**	**-**	**-**	**-**	**-**	***1,212.825***
Support Cost																		
2.1) Airframe PGSE	-	-	181.674	-	-	60.395	-	-	21.919	-	-	15.328	-	-	-	-	-	15.328
2.2) Engine PGSE	-	-	15.146	-	-	0.159	-	-	0.231	-	-	0.854	-	-	-	-	-	0.854
2.3) Avionics PGSE	-	-	574.945	-	-	160.681	-	-	34.835	-	-	30.749	-	-	-	-	-	30.749
2.4) Pec Trng Eq (2)	-	-	1,210.141	-	-	120.281	-	-	92.214	-	-	24.764	-	-	-	-	-	24.764

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon	**Item Number / Title [DODIC]:** 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)
ID Code (A=Service Ready, B=Not Service Ready) :		**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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.5) Pub/Tech Eq [3]	-	-	178.007	-	-	28.529	-	-	29.043	-	-	31.635	-	-	-	-	-	31.635
2.6) Prod Eng Supt	-	-	155.367	-	-	23.418	-	-	23.815	-	-	24.244	-	-	-	-	-	24.244
2.7) Other ILS	-	-	222.755	-	-	44.440	-	-	43.066	-	-	35.725	-	-	-	-	-	35.725
Subtotal: Support Cost	**-**	**-**	***2,538.035***	**-**	**-**	***437.903***	**-**	**-**	***245.123***	**-**	**-**	***163.299***	**-**	**-**	**-**	**-**	**-**	***163.299***
Gross/Weapon System Cost	**215,730.524**	**63**	**13,591.023**	**186,891.294**	**17**	**3,177.152**	**182,543.824**	**17**	**3,103.245**	**196,589.143**	**7**	**1,376.124**	**-**	**-**	**0.000**	**196,589.143**	**7**	**1,376.124**

Remarks:
NOTES: Totals may not add due to rounding.

(†) indicates the presence of a P-5a

Footnotes:
(1) The Ancillary Equipment includes Fleet critical Advanced Airborne Sensor (AAS) roll on/roll off kits and Mechanisms that increases in quantity annually from FY16 to FY19 due to planned Fleet operational requirements in each year. Procurement profile for AAS kits and Mechanisms are as follows: Prior Years two (2) AAS Kits; FY16 two (2) AAS Kits and two (2) Mechanisms; FY17 four (4) AAS Kits and five (5) Mechanisms; FY18 six (6) AAS kits and seven (7) Mechanisms; FY19 16 AAS kits and 16 Mechanisms for a total procurement of 30 AAS kits and 30 Mechanisms.
(2) The Training System requirements are directly aligned to the scheduled site stand up of two CONUS Main Operating Bases (Jacksonville MOB and Whidbey Island MOB) and three OCONUS Primary Deployment Sites (Kadena PDS, Bahrain PDS, and Sigonella PDS).
(3) Tech Pub funding profile reflects the requirement to initially outfit structural repair manuals and associated technical publications in preparation for the first P-8A depot maintenance event in 2018.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0193 / P-8A Poseidon	Item Number / Title [DODIC]: 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2014	The Boeing Company (4) / Seattle, WA	SS / FPIF	NAVAIR	Mar 2014	May 2016	17	126,195.588	Y		Jun 2012
1.1.1) Airframe/CFE(†)		2015 (5)	The Boeing Company (4) / Seattle, WA	SS / FPIF	NAVAIR	Aug 2015	May 2017	9	121,864.875	Y		Mar 2014
1.1.1) Airframe/CFE(†)		2016	The Boeing Company (4) / Seattle, WA	SS / FPIF	NAVAIR	Feb 2016	Jan 2018	17	121,587.488	Y		Mar 2014
1.1.1) Airframe/CFE(†)		2017	The Boeing Company (4) / Seattle, WA	SS / FFP	NAVAIR	Apr 2017	Mar 2019	17	126,686.000	Y		Nov 2015
1.1.1) Airframe/CFE(†)		2018	The Boeing Company (4) / Seattle, WA	SS / FFP	NAVAIR	Feb 2018	Jun 2020	7	123,988.937	Y		Nov 2015

(†) indicates the presence of a P-21

Footnotes:

(4) Manufacturer Production Lead Time does not reflect additional 10-month lead time required for long lead items procured through the Advance Procurement contract.

(5) FY2015 through FY2017 unit costs include the benefits of the Royal Australian Air Force (RAAF) procuring four (4) aircraft in each year concurrently with the Navy. FY2017 through FY2019 include the additional benefits of the United Kingdom procuring a total of nine (9) FMS aircraft in those years; two (2) in the FY2017, three (3) in FY2018 and four (4) in FY 2019.

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon	**Item Number / Title [DODIC]:** 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)

Cost Elements (Units in Each)							Fiscal Year 2014												Fiscal Year 2015												BALANCE
										Calendar Year 2014														Calendar Year 2015									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2013	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																															
Prior Years Deliveries: 37																															
	1	2014	NAVY	17 [6]	0	17						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
	1	2015	NAVY	9	0	9																								A	-	9
	1	2016	NAVY	17 [7]	0	17																										17
	1	2017	NAVY	17 [8]	0	17																										17
	1	2018	NAVY	7	0	7																										7
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon	**Item Number / Title [DODIC]:** 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)

Cost Elements (Units in Each)							Fiscal Year 2016												Fiscal Year 2017											BALANCE
										Calendar Year 2016														Calendar Year 2017								
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
Prior Years Deliveries: 37																														
	1	2014	NAVY	17 [6]	0	17	-	-	-	-	-	-	-	1	2	1	2	1	2	1	1	2	-	2	1	-	-	-	-	-	1
	1	2015	NAVY	9	0	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	2	3
	1	2016	NAVY	17 [7]	0	17					A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
	1	2017	NAVY	17 [8]	0	17																			A -	-	-	-	-	-	17
	1	2018	NAVY	7	0	7																									7
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon	**Item Number / Title [DODIC]:** 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)

Cost Elements (Units in Each)							Fiscal Year 2018												Fiscal Year 2019											BALANCE
										Calendar Year 2018														Calendar Year 2019								
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
Prior Years Deliveries: 37																														
	1	2014	NAVY	17 (6)	16	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1							0
	1	2015	NAVY	9	6	3	1	1	1																					0
	1	2016	NAVY	17 (7)	0	17	-	-	-	1	1	1	2	1	1	2	1	1	2	1	2	1								0
	1	2017	NAVY	17 (8)	0	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	1	1	-	10
	1	2018	NAVY	7	0	7					A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon	**Item Number / Title [DODIC]:** 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)

Cost Elements (Units in Each)							Fiscal Year 2020												Fiscal Year 2021												BALANCE
										Calendar Year 2020														Calendar Year 2021									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																															
Prior Years Deliveries: 37																															
	1	2014	NAVY	17 [6]	17	0																									0
	1	2015	NAVY	9	9	0																									0
	1	2016	NAVY	17 [7]	17	0																									0
	1	2017	NAVY	17 [8]	7	10	1	1	1	1	1	1	1	2	1																0
	1	2018	NAVY	7	0	7	-	-	-	-	-	-	-	-	1	1	2	1	1	-	1										0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon	**Item Number / Title [DODIC]:** 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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 (4) - Seattle, WA	6	18	30	9	7	34	41	9	7	23	30

"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:

(4) Manufacturer Production Lead Time does not reflect additional 10-month lead time required for long lead items procured through the Advance Procurement contract.

(6) One (1) additional FY14 funded aircraft (total 17) and one (1) FY16 funded aircraft (total 17) were procured via the FY16 Lot 7 contract as a result of The Department of the Navy's Congressional Notification of the use of Buy to Budget authority under 10 U.S.C. 2308 received on February 22, 2016 . Because these aircraft did not include any Advanced Procurement funding, the delivery schedules extend beyond the planned 12 month period applicable for the remainder of the FY16 Lot 7 aircraft.

(7) The delivery schedules for FY16 Lot 7 aircraft extend beyond the 12-month planned period because the Buy to Budget aircraft did not include Advanced Procurement funding.

(8) Six additional FY17 aircraft were added per FY 2017 Request for Additional Appropriations and did not include FY16 Advanced Procurement funding. As a result, the delivery schedule to support FY17 aircraft was extended to 16 months.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon
Program Elements for Code B Items: 0605500N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 334	

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 *($ in Millions)*	1,341.058	250.568	123.140	140.333	-	140.333	120.000	-	-	-	-	1,975.099
Net Procurement (P-1) *($ in Millions)*	1,341.058	250.568	123.140	140.333	-	140.333	120.000	-	-	-	-	1,975.099
Total Obligation Authority *($ in Millions)*	**1,341.058**	**250.568**	**123.140**	**140.333**	**-**	**140.333**	**120.000**	**-**	**-**	**-**	**-**	**1,975.099**

Description:

The P-8A Multi-mission Maritime Aircraft (MMA) system is a commercial derivative aircraft based on Boeing's 737-800 ERX. The P-8A is the replacement system for the P-3C. The P-8A will sustain and improve the armed maritime and littoral Intelligence, Surveillance, and Reconnaissance capabilities for U.S. Naval Forces in traditional, joint and combined roles to counter changing and emerging threats. The P-8A will have a substantial role in Sea Power 21 and will satisfy several mission requirements in Sea Shield, Sea Strike and FORCEnet. The primary roles of the P-8A are persistent Anti-Submarine Warfare (ASW) and Anti-Surface Warfare (ASuW). The Advanced Procurement funds the long lead time items required for production of the aircraft.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon
Program Elements for Code B Items: 0605500N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 334	

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	1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)			63 / 1,341.058	17 / 250.568	17 / 123.140	7 / 140.333	- / -	7 / 140.333
P-40	**Total Gross/Weapon System Cost**			**63 / 1,341.058**	**17 / 250.568**	**17 / 123.140**	**7 / 140.333**	**- / -**	**7 / 140.333**

*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:
BASIS FOR FY 2018 BUDGET REQUEST:

Advanced procurement (AP) funding is required in FY 2018 for long lead requirements associated with the procurement of 7 aircraft in FY 2019.

Advanced procurement (AP) funding is required in FY 2017 for long lead requirements associated with the procurement of 7 aircraft in FY 2018. Due to the inability to increase FY17 AP funds ($123.14M) for the additional FY18 aircraft included in PB17, the total FY17 AP requirement is below the normally required $144M. The program plans to execute this strategy by accelerating the FY18 contract award to February 2018 in order to reduce the FY17 AP requirements to the $123.14M available. Accelerated contract award is possible in FY18 only because it will be a priced option on the FY17 base contract.

The Advance Procurement (AP) funding will be used to procure long lead CFE items such as basic commercial aircraft long lead requirements (33 months); mission/weapons systems components and P-8A unique airframe components (24 months or greater production lead time). AP funding will also be used to procure long lead mission/weapons systems GFE components (up to 24 months production lead time) due to the change in acquisition strategy as part of the program's overall Should Cost Plan to reduce costs per the DoD's Better Buying Power initiative. FY15 and FY16 AP funds EOQ for FY16-19 for the GFE APY10 Radar Multi-year Procurement. All of these long lead items are essential to maintaining the current schedule in support of the US Navy Fleet Maritime Patrol and Reconnaissance (MPRA) force transition from P-3C to P-8A.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon	**P-5 Number / Title:** 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
January 2013	January 2013	0 Months

P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*
Quantity		63	17	17	7

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*
CFE					
CFE - Airframe [5]	0	979.441	0.000	0.000	0.000
For FY 15 CFE - Airframe	0	152.044	-	-	-
For FY 16 CFE - Airframe	0	193.076	-	-	-
For FY 17 CFE - Airframe	0	-	235.274	-	-
For FY 18 CFE - Airframe	0	-	-	123.140	-
For FY 19 CFE - Airframe	0	-	-	-	140.333
Total: CFE		*1,324.561*	*235.274*	*123.140*	*140.333*
EOQ					
For FY 2016 EOQ/Long Lead	0	10.311	-	-	-
For FY 2017 EOQ/Long Lead	0	2.234	5.499	-	-
For FY 2018 EOQ/Long Lead	0	2.234	5.499	-	-
For FY 2019 EOQ/Long Lead	0	1.718	4.296	-	-
Total: EOQ		*16.497*	*15.294*	*-*	*0.000*
Total Advance Procurement/Obligation Authority		**1,341.058**	**250.568**	**123.140**	**140.333**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0193 / P-8A Poseidon	**P-5 Number / Title:** 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA)

Cost Elements	QPA (Each)	FY 2018					
		Production Leadtime (Months)	Unit Cost ($ K)	Contract Forecast Date	2018 Qty (Each)	For FY	Total Cost Request ($ M)
CFE							
CFE - Airframe (5)	0						0.000
For FY 15 CFE - Airframe	0						-
For FY 16 CFE - Airframe	0						-
For FY 17 CFE - Airframe	0						-
For FY 18 CFE - Airframe	0						-
For FY 19 CFE - Airframe	0						140.333
Total: CFE							*140.333*
EOQ							
For FY 2016 EOQ/Long Lead	0						-
For FY 2017 EOQ/Long Lead	0						-
For FY 2018 EOQ/Long Lead	0						-
For FY 2019 EOQ/Long Lead	0						-
Total: EOQ							*0.000*
Total Advance Procurement/Obligation Authority							**140.333**

Description:
Advance Procurement will be used to procure long lead items.

Footnotes:
(5) The P-8A Multi-mission Maritime Aircraft (MMA) program provides the replacement systems for the aging P-3 aircraft. The Advanced Procurement funds the long lead time items required for production of the aircraft. PLT reflects the production of the aircraft as reflected on P-21 of the APN Regular Procurement budget. Advanced procurement (AP) funding is required in FY 2018 for long lead requirements associated with the procurement of 7 aircraft in FY 2019. The Advance Procurement (AP) funding will be used to procure long lead CFE items such as basic commercial aircraft long lead requirements (33 months); mission/weapons systems components and P-8A unique airframe components (24 months or greater production lead time). All of these long lead items are essential to maintaining the current schedule in support of the US Navy Fleet Martime Patrol and Reconaissance (MPRA) force transition from P-3C to P-8A. Unit costs reflect prime vendor only and do not include GFE production costs.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0195 / E-2D AHE
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: 000	

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 *(Units in Each)*	74	5	6	5	-	5	4	4	4	5	7	114
Gross/Weapon System Cost *($ in Millions)*	9,904.903	1,020.945	1,154.569	1,004.913	0.000	1,004.913	937.784	974.465	977.756	1,154.033	2,200.793	19,330.161
Less PY Advance Procurement *($ in Millions)*	1,489.625	175.177	238.086	271.003	-	271.003	102.026	106.736	104.976	129.628	232.882	2,850.139
Net Procurement (P-1) *($ in Millions)*	8,415.278	845.768	916.483	733.910	0.000	733.910	835.758	867.729	872.780	1,024.405	1,967.911	16,480.022
Plus CY Advance Procurement *($ in Millions)*	1,853.513	195.336	125.042	102.026	-	102.026	106.736	104.976	129.628	116.493	116.389	2,850.139
Total Obligation Authority *($ in Millions)*	**10,268.791**	**1,041.104**	**1,041.525**	**835.936**	**0.000**	**835.936**	**942.494**	**972.705**	**1,002.408**	**1,140.898**	**2,084.300**	**19,330.161**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	11.295	26.371	14.325	-	14.325	13.036	9.568	10.936	3.589	Continuing	Continuing
Flyaway Unit Cost *($ in Thousands)*	116,691.446	167,076.400	162,134.000	169,930.000	-	169,930.000	198,820.500	205,464.750	208,994.500	203,360.000	245,798.286	144,592.193
Gross/Weapon System Unit Cost *($ in Thousands)*	133,850.041	204,189.000	192,428.167	200,982.600	-	200,982.600	234,446.000	243,616.250	244,439.000	230,806.600	314,399.000	169,562.816

Description:

The E-2D Advanced Hawkeye (AHE) is an all-weather, twin engine, carrier-based, Airborne Command, Control and Surveillance aircraft designed to extend task force defense perimeters. The AHE mission is to provide advance warning of approaching enemy surface units and aircraft, to vector interceptors or strike aircraft to attack, and to provide area surveillance, intercept, search and rescue, communications relay, and strike/air traffic control. Key AHE objectives include: improved battle space target detection and situational awareness, especially in the littorals; support of Theater Air Missile Defense operations; and improved Operational Availability.

0195 BLI Prior Year includes E-2C Procurement (Qty 44)

Approved for Full Rate Production, IOC 10 October 2014.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0195 / E-2D AHE
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: 000	

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	1 / E-2D	P-5a, P-21			74 / 9,904.903	5 / 1,020.945	6 / 1,154.569	5 / 1,004.913	- / 0.000	5 / 1,004.913
P-40	**Total Gross/Weapon System Cost**				**74 / 9,904.903**	**5 / 1,020.945**	**6 / 1,154.569**	**5 / 1,004.913**	**- / 0.000**	**5 / 1,004.913**

*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:
FY 2018 funding is requested to procure five E-2D AHE Full Rate Production Lot 6 aircraft and associated support.
This budget request includes funding to support a FY 2014 through FY 2018 multiyear procurement contract.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0195 / E-2D AHE	Item Number / Title [DODIC]: 1 / E-2D
ID Code (A=Service Ready, B=Not Service Ready) :	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)*	74	5	6	5	-	5
Gross/Weapon System Cost *($ in Millions)*	9,904.903	1,020.945	1,154.569	1,004.913	0.000	1,004.913
Less PY Advance Procurement *($ in Millions)*	1,489.625	175.177	238.086	271.003	-	271.003
Net Procurement (P-1) *($ in Millions)*	8,415.278	845.768	916.483	733.910	0.000	733.910
Plus CY Advance Procurement *($ in Millions)*	1,853.513	195.336	125.042	102.026	-	102.026
Total Obligation Authority *($ in Millions)*	**10,268.791**	**1,041.104**	**1,041.525**	**835.936**	**0.000**	**835.936**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	11.295	26.371	14.325	-	14.325
Gross/Weapon System Unit Cost *($ in Thousands)*	133,850.041	204,189.000	192,428.167	200,982.600	-	200,982.600

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†)	64,539.365	74	4,775.913	87,367.093	5	436.835	84,035.738	6	504.214	85,901.747	5	429.509	-	-	-	85,901.747	5	429.509
1.1.2) CFE Electronics(†)	35,544.595	74	2,630.300	59,195.398	5	295.977	59,118.291	6	354.710	59,203.164	5	296.016	-	-	-	59,203.164	5	296.016
1.1.3) GFE Electronics	4,581.527	74	339.033	5,704.986	5	28.525	5,812.875	6	34.877	5,363.826	5	26.819	-	-	-	5,363.826	5	26.819
1.1.4) Engine/ Engine Accessories	-	-	251.428	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.5) Other GFE (1)	-	-	70.022	-	-	6.894	-	-	8.241	-	-	15.328	-	-	-	-	-	15.328
1.1.6) Recurring Flyaway ECO (2)	-	-	185.711	-	-	15.302	-	-	17.961	-	-	28.163	-	-	-	-	-	28.163
Subtotal: Recurring Cost	-	-	*8,252.407*	-	-	*783.533*	-	-	*920.003*	-	-	*795.835*	-	-	-	-	-	*795.835*
Non Recurring Cost																		
1.2.1) Non-Recurring Cost	-	-	382.760	-	-	51.849	-	-	52.801	-	-	53.815	-	-	-	-	-	53.815
Subtotal: Non Recurring Cost	-	-	*382.760*	-	-	*51.849*	-	-	*52.801*	-	-	*53.815*	-	-	-	-	-	*53.815*
Subtotal: Flyaway Cost	**-**	**-**	***8,635.167***	**-**	**-**	***835.382***	**-**	**-**	***972.804***	**-**	**-**	***849.650***	**-**	**-**	**-**	**-**	**-**	***849.650***
Support Cost																		
2.1) Airframe PGSE	-	-	43.298	-	-	2.453	-	-	2.500	-	-	2.537	-	-	-	-	-	2.537
2.2) Engine PGSE	-	-	20.077	-	-	5.556	-	-	5.662	-	-	4.428	-	-	-	-	-	4.428
2.3) Avionics PGSE (3)	-	-	292.310	-	-	78.652	-	-	79.608	-	-	52.518	-	-	-	-	-	52.518

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0195 / E-2D AHE	Item Number / Title [DODIC]: 1 / E-2D
ID Code (A=Service Ready, B=Not Service Ready) :	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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.4) Peculiar Training Equipment [4]	-	-	238.596	-	-	31.999	-	-	27.268	-	-	28.294	-	-	-	-	-	28.294
2.5) Pub/Tech Eq	-	-	81.493	-	-	10.304	-	-	10.500	-	-	10.733	-	-	-	-	-	10.733
2.6) Production Engineering Support	-	-	412.349	-	-	25.133	-	-	25.611	-	-	25.857	-	-	-	-	-	25.857
2.7) Other ILS	-	-	181.613	-	-	31.466	-	-	30.616	-	-	30.896	-	-	-	-	-	30.896
Subtotal: Support Cost	***-***	***-***	***1,269.736***	***-***	***-***	***185.563***	***-***	***-***	***181.765***	***-***	***-***	***155.263***	***-***	***-***	***-***	***-***	***-***	***155.263***
Gross/Weapon System Cost	**133,850.041**	**74**	**9,904.903**	**204,189.000**	**5**	**1,020.945**	**192,428.167**	**6**	**1,154.569**	**200,982.600**	**5**	**1,004.913**	**-**	**-**	**0.000**	**200,982.600**	**5**	**1,004.913**

(†) indicates the presence of a P-5a

Footnotes:

(1) CE 1.1.5 Other GFE - Increase from FY17 to FY18 is due to revised cost estimates for main landing gear and brakes. Also, procurement of MIDS-JTRS/CMN4/TTNT box/TTNT HPA and Link 16 HPA start in FY18.

(2) CE 1.1.6 Recurring Flyaway ECO - Increase in costs from FY17 to FY18 is due to Aerial Refueling and SIPR CHAT production cut ins.

(3) CE 2.3 Avionics PGSE - FYDP increase and/or decrease variances between fiscal years is due to the differences in the number of Test Program Sets (TPS) procurement buys and support equipment quantity requirements in each fiscal year. FY18 Avionics PGSE requirement includes two separate Test program Set (TPS) procurements in support of depot stand up capability to include 28 components.

(4) CE 2.4 Peculiar Training Equipment - FY18 Peculiar Training Equipment requirement includes: Introduction of Cyber (Win10) and added capabilities for Norfolk based maintenance training devices (Simulated Maintenance Trainer, Power Plants Trainer and Personal Computer Simulation). Implementation of Engineering Change Orders driven by forward-fit Engineering Change Proposals (ECPs) and Cyber (Win10) requirements for Aircrew Procedures Trainer #3. The APT3 work is in support of west coast E-2D squadrons.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0195 / E-2D AHE	Item Number / Title [DODIC]: 1 / E-2D

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2013	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	May 2013	Dec 2015	5	90,384.200	Y		Nov 2011
1.1.1) Airframe/CFE(†)		2014	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Jun 2014	Oct 2016	5	85,880.134	Y		Nov 2012
1.1.1) Airframe/CFE(†)		2015	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Mar 2015	Oct 2017	5	85,177.480	Y		Nov 2012
1.1.1) Airframe/CFE(†)		2016	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Mar 2016	Dec 2018	5	87,367.093	Y		Nov 2012
1.1.1) Airframe/CFE(†)		2017 (5)	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Mar 2017	Dec 2019	6	84,035.738	Y		Nov 2012
1.1.1) Airframe/CFE(†)		2018 (6)	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Mar 2018	Mar 2021	5	85,901.747	Y		Nov 2012
1.1.2) CFE Electronics(†)		2013	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	May 2013	Dec 2015	5	64,615.812	Y		Nov 2011
1.1.2) CFE Electronics(†)		2014	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Jun 2014	Oct 2016	5	60,351.919	Y		Nov 2012
1.1.2) CFE Electronics(†)		2015	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Mar 2015	Oct 2017	5	60,893.528	Y		Nov 2012
1.1.2) CFE Electronics(†)		2016	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Mar 2016	Dec 2018	5	59,195.398	Y		Nov 2012
1.1.2) CFE Electronics(†)		2017 (7)	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Mar 2017	Dec 2019	6	59,118.291	Y		Nov 2012
1.1.2) CFE Electronics(†)		2018 (8)	Northrop Grumman Systems / Florida	SS / FPIF	NAVAIR	Mar 2018	Mar 2021	5	59,203.164	Y		Nov 2012

(†) indicates the presence of a P-21

Footnotes:

(5) CE 1.1.1 Airframe/CFE - Aircraft deliveries for AA28 and prior have been update to reflect actual delivery dates.

(6) Date of first delivery for AA31 and out have changed due to the Japan aircraft procurements.

(7) CE 1.1.2 CFE Electronics - Aircraft deliveries for AA28 and prior have been update to reflect actual delivery dates.

(8) Date of first delivery for AA31 and out have changed due to the Japan aircraft procurements.

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0195 / E-2D AHE	Item Number / Title [DODIC]: 1 / E-2D

Cost Elements (Units in Each)							Fiscal Year 2013												Fiscal Year 2014											BALANCE
										Calendar Year 2013														Calendar Year 2014								
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2012	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
Prior Years Deliveries: 59																														
	1	2013	NAVY	5	0	5								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	1	2014	NAVY	5	0	5																					A -	-	-	-	5
	1	2015	NAVY	5	0	5																									5
	1	2016	NAVY	5	0	5																									5
	1	2017	NAVY	6	0	6																									6
	1	2018	NAVY	5	0	5																									5
1.1.2) CFE Electronics																														
Prior Years Deliveries: 59																														
	2	2013	NAVY	5	0	5								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	2	2014	NAVY	5	0	5																					A -	-	-	-	5
	2	2015	NAVY	5	0	5																									5
	2	2016	NAVY	5	0	5																									5
	2	2017	NAVY	6	0	6																									6
	2	2018	NAVY	5	0	5																									5
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0195 / E-2D AHE	**Item Number / Title [DODIC]:** 1 / E-2D

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016											BALANCE
							Calendar Year 2015												Calendar Year 2016											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
Prior Years Deliveries: 59																														
	1	2013	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	1	1				0
	1	2014	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	1	2015	NAVY	5	0	5						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	1	2016	NAVY	5	0	5																		A	-	-	-	-	-	-	5
	1	2017	NAVY	6	0	6																									6
	1	2018	NAVY	5	0	5																									5
1.1.2) CFE Electronics																														
Prior Years Deliveries: 59																														
	2	2013	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	1	1				0
	2	2014	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	2	2015	NAVY	5	0	5						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	2	2016	NAVY	5	0	5																		A	-	-	-	-	-	-	5
	2	2017	NAVY	6	0	6																									6
	2	2018	NAVY	5	0	5																									5
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0195 / E-2D AHE	**Item Number / Title [DODIC]:** 1 / E-2D

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018											BALANCE
							Calendar Year 2017												Calendar Year 2018											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																														
Prior Years Deliveries: 59																														
	1	2013	NAVY	5	5	0																								0
	1	2014	NAVY	5	0	5	1	1	-	-	1	-	1	-	-	1														0
	1	2015	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	1	-	1	0
	1	2016	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	1	2017	NAVY	6	0	6						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	1	2018	NAVY	5	0	5																		A	-	-	-	-	-	-	5
1.1.2) CFE Electronics																														
Prior Years Deliveries: 59																														
	2	2013	NAVY	5	5	0																								0
	2	2014	NAVY	5	0	5	1	1	-	-	1	-	1	-	-	1														0
	2	2015	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	1	-	1	0
	2	2016	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	2	2017	NAVY	6	0	6						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
	2	2018	NAVY	5	0	5																		A	-	-	-	-	-	-	5
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0195 / E-2D AHE	Item Number / Title [DODIC]: 1 / E-2D

Cost Elements (Units in Each)							Fiscal Year 2019												Fiscal Year 2020												BALANCE
							Calendar Year 2019												Calendar Year 2020													
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																															
Prior Years Deliveries: 59																															
	1	2013	NAVY	5	5	0																									0
	1	2014	NAVY	5	5	0																									0
	1	2015	NAVY	5	5	0																									0
	1	2016	NAVY	5	0	5	-	-	1	-	-	1	-	1	-	-	1	-	1												0
	1	2017	NAVY	6	0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	1	-	2
	1	2018	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
1.1.2) CFE Electronics																															
Prior Years Deliveries: 59																															
	2	2013	NAVY	5	5	0																									0
	2	2014	NAVY	5	5	0																									0
	2	2015	NAVY	5	5	0																									0
	2	2016	NAVY	5	0	5	-	-	1	-	-	1	-	1	-	-	1	-	1												0
	2	2017	NAVY	6	0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	1	-	2
	2	2018	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	P-1 Line Item Number / Title: 0195 / E-2D AHE	Item Number / Title [DODIC]: 1 / E-2D

Cost Elements (Units in Each)							Fiscal Year 2021												Fiscal Year 2022												BALANCE
							Calendar Year 2021												Calendar Year 2022													
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE																															
Prior Years Deliveries: 59																															
	1	2013	NAVY	5	5	0																									0
	1	2014	NAVY	5	5	0																									0
	1	2015	NAVY	5	5	0																									0
	1	2016	NAVY	5	5	0																									0
	1	2017	NAVY	6	4	2	1	-	1																						0
	1	2018	NAVY	5	0	5	-	-	-	-	-	1	-	-	1	-	1	-	1	-	1											0
1.1.2) CFE Electronics																															
Prior Years Deliveries: 59																															
	2	2013	NAVY	5	5	0																									0
	2	2014	NAVY	5	5	0																									0
	2	2015	NAVY	5	5	0																									0
	2	2016	NAVY	5	5	0																									0
	2	2017	NAVY	6	4	2	1	-	1																						0
	2	2018	NAVY	5	0	5	-	-	-	-	-	1	-	-	1	-	1	-	1	-	1											0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0195 / E-2D AHE	**Item Number / Title [DODIC]:** 1 / E-2D

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	Northrop Grumman Systems - Florida	4	6	8	0	0	0	0	7	5	42	47
2	Northrop Grumman Systems - Florida	4	6	8	0	0	0	0	7	5	42	47

"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 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0195 / E-2D AHE
Program Elements for Code B Items: N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 000	

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 *($ in Millions)*	1,853.513	195.336	125.042	102.026	-	102.026	106.736	104.976	129.628	116.493	116.389	2,850.139
Net Procurement (P-1) *($ in Millions)*	1,853.513	195.336	125.042	102.026	-	102.026	106.736	104.976	129.628	116.493	116.389	2,850.139
Total Obligation Authority *($ in Millions)*	**1,853.513**	**195.336**	**125.042**	**102.026**	**-**	**102.026**	**106.736**	**104.976**	**129.628**	**116.493**	**116.389**	**2,850.139**

Description:

The E-2D Advanced Hawkeye (AHE) is an all-weather, twin engine, carrier-based, Airborne Command, Control and Surveillance aircraft designed to extend task force defense perimeters. The AHE mission is to provide advance warning of approaching enemy surface units and aircraft, to vector interceptors or strike aircraft to attack, and to provide area surveillance, intercept, search and rescue, communications relay, and strike/air traffic control. Key AHE objectives include: improved battle space target detection and situational awareness, especially in the littorals; support of Theater Air Missile Defense operations; and improved Operational Availability.

Approved for Full Rate Production, IOC 10 October 2014.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat Aircraft	**P-1 Line Item Number / Title:** 0195 / E-2D AHE
Program Elements for Code B Items: N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 000	

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	1 / E-2D			74 / 1,853.513	5 / 195.336	6 / 125.042	5 / 102.026	- / -	5 / 102.026
P-40	**Total Gross/Weapon System Cost**			**74 / 1,853.513**	**5 / 195.336**	**6 / 125.042**	**5 / 102.026**	**- / -**	**5 / 102.026**

*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:
FY 2018 Advance Procurement funding is requested for the long-lead requirements associated with the procurement of four E-2D aircraft in FY 2019. Airframe requirements are calculated on a supplier's commitment, reflecting contractor's funding requirements for procurement of long lead parts and materials necessary to protect the delivery schedule.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0195 / E-2D AHE	**P-5 Number / Title:** 1 / E-2D

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
February 2012	July 2015	0 Months

E-2D	Production Leadtime (Months)	Prior Years (Each)	FY 2016 (Each)	FY 2017 (Each)	FY 2018 (Each)
Quantity		74	5	6	5

Cost Elements	When Required (Months)	Prior Years ($ M)	FY 2016 ($ M)	FY 2017 ($ M)	FY 2018 ($ M)
CFE					
CFE - Airframe	0	761.495	-	-	-
Prior Years EOQ/Long Lead	0	538.598	-	-	-
For FY 2015 EOQ/Long Lead	0	125.500	-	-	-
For FY 2016 EOQ/Long Lead	0	175.177	-	-	-
For FY 2017 EOQ/Long Lead	0	94.905	143.181	-	-
For FY 2018 EOQ/Long Lead	0	93.806	52.155	125.042	-
For FY 2019 EOQ/Long Lead	0	-	-	-	102.026
Total: CFE		*1,789.481*	*195.336*	*125.042*	*102.026*
GFE					
Other GFE	0	32.177	-	-	-
JTIDS	0	16.955	-	-	-
Engines	0	14.900	-	-	-
Total: GFE		*64.032*	-	-	*0.000*
Total Advance Procurement/Obligation Authority		**1,853.513**	**195.336**	**125.042**	**102.026**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1	**P-1 Line Item Number / Title:** 0195 / E-2D AHE	**P-5 Number / Title:** 1 / E-2D

Cost Elements	QPA (Each)	FY 2018 Production Leadtime (Months)	FY 2018 Unit Cost ($ K)	FY 2018 Contract Forecast Date	FY 2018 2018 Qty (Each)	FY 2018 For FY	Total Cost Request ($ M)
CFE							
CFE - Airframe	1						-
Prior Years EOQ/Long Lead	1						-
For FY 2015 EOQ/Long Lead	1						-
For FY 2016 EOQ/Long Lead	1						-
For FY 2017 EOQ/Long Lead	1						-
For FY 2018 EOQ/Long Lead	1						-
For FY 2019 EOQ/Long Lead	1						102.026
Total: CFE							*102.026*
GFE							
Other GFE	1						-
JTIDS	1						-
Engines	1						-
Total: GFE							*0.000*
Total Advance Procurement/Obligation Authority							**102.026**

Description:
The Advance Procurement (AP) funding will be used to procure long lead CFE items (14 months or greater production lead time) such as raw materials (inclusive of steel, titanium, aluminum, composites), castings, forgings, bearings, actuators, mission equipment, antenna assemblies, panel assemblies, gearboxes and airframe structural components. E-2D lead times for components have been as high as 42 months. The E-2D program has been actively pursuing lead time reductions and the current longest lead component is 36 months (APY-9 Radar). Some specific material lead items are the ADS-18 antenna assembly (32 months), TARA assembly (20 months), landing gear including forgings (26 months) and empennage assembly including composite core materials and forged torque tubes for the empennage (31 months). All of these long lead items and special milling for "oversized" sheet stock required for the Fuselage skins at the beginning of aircraft assembly (14 months) are essential to maintaining the current schedule in support of the Fleet Forces transition to the E-2D.

Any reduction or delay in approval of advance procurement funding for the CFE Airframe would result in risk to supplier critical skill retention and schedule delays which then increases the cost to the E-2D program.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 02: Airlift Aircraft / BSA 1: Airlift Aircraft	**P-1 Line Item Number / Title:** 0246 / C-40A
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 *(Units in Each)*	10	-	2	-	-	-	-	-	-	-	2	14
Gross/Weapon System Cost *($ in Millions)*	672.026	0.000	207.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	220.005	1,099.531
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	672.026	0.000	207.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	220.005	1,099.531
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**672.026**	**0.000**	**207.500**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**220.005**	**1,099.531**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	6.300	-	-	-	-	-	-	-	-	6.300
Flyaway Unit Cost *($ in Thousands)*	63,625.700	-	100,176.000	-	-	-	-	-	-	-	105,979.000	74,897.643
Gross/Weapon System Unit Cost *($ in Thousands)*	67,202.600	-	103,750.000	-	-	-	-	-	-	-	110,002.500	78,537.929

Description:

The C-40A is the replacement for the C-9B/DC-9 aircraft. The C-40A provides the Navy Reserve and the Marines with a long range aircraft that will carry high priority operational passengers and cargo. The C-40A carries 121 passengers in the all passenger configuration, eight standard DoD cargo pallets in the all cargo configuration, or 3 pallets and 70 passengers in the combination configuration. The base aircraft that can be designated as the C-40A includes the Boeing 737-700 Next Generation Series aircraft with Increased Gross Weight capability. The C-40A is certified for Extended Twin-Engine Operations (ETOPS) for over water operations.

In prior years, five C-40A and related support were procured for the Naval Reserves using FY97-99 (qty 4) and FY12 National Guard & Reserve Equipment (NGRE) (qty 1) funding. These quantities and their associated costs are not reflected above. Ten Navy aircraft were procured from FY00-FY13.

The long term objective for the C-40A program is to replace 17 Navy C-9B/DC-9 aircraft and 2 Marine C-9B aircraft.

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022
MCR	Quantity	-	2	-	-	-	-	-	-	-
	Total Obligation Authority	-	207.500	-	-	-	-	-	-	-
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**-**	**207.500**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Justification:
There is no funding request in FY18.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Navy			Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 03: Trainer Aircraft / BSA 1: Trainer Aircraft		P-1 Line Item Number / Title: 0339 / JT Primary Acft Trnr Sys (JPATS)	
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: 560			

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 *(Units in Each)*	295	-	-	-	-	-	-	-	-	-	-	295
Gross/Weapon System Cost *($ in Millions)*	1,966.166	8.914	5.849	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	1,980.929
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,966.166	8.914	5.849	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	1,980.929
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,966.166**	**8.914**	**5.849**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**1,980.929**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Thousands)*	5,511.010	-	-	-	-	-	-	-	-	-	-	5,561.054
Gross/Weapon System Unit Cost *($ in Thousands)*	6,664.969	-	-	-	-	-	-	-	-	-	-	6,715.014

Description:

Joint Primary Aircraft Training System (JPATS) is a joint United States Air Force (USAF)/United States Navy (USN) Acquisition Category 1C program. USAF is program executor. Principal JPATS mission is primary training for entry-level Navy/Air Force student pilots, associated instructor pilots, and primary/intermediate training for USN Naval Flight Officers. JPATS includes the T-6 Texan II (a single turboprop engine, stepped tandem seat, commercially derived aircraft), ground based training system (aircrew training devices, development courses, conversion courses, and operational support), systems engineering, contractor logistics support and production related shutdown and procurement. The Training Integration Management System is a major information management system used to manage all student administrative and training requirements. USAF procurement of 453 T-6A Texan II aircraft was initiated in FY95 and ended in FY08. The USN total aircraft authorized is 295 with all deliveries completed in FY16. JPATS is a joint USN/USAF Acquisition Program designed to replace the aging primary aircraft (T-34/T-37) fleet.

Justification:

There is no FY18 baseline funding request.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0416 / KC-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: 000	

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 *(Units in Each)*	53	2	2	2	-	2	2	2	1	2	38	104
Gross/Weapon System Cost *($ in Millions)*	3,742.780	201.339	161.321	158.425	0.000	158.425	209.521	208.575	107.117	197.053	4,302.090	9,288.221
Less PY Advance Procurement *($ in Millions)*	244.008	16.288	32.451	28.848	-	28.848	25.497	26.013	12.992	26.619	546.421	959.137
Net Procurement (P-1) *($ in Millions)*	3,498.772	185.051	128.870	129.577	0.000	129.577	184.024	182.562	94.125	170.434	3,755.669	8,329.084
Plus CY Advance Procurement *($ in Millions)*	272.296	24.451	24.848	25.497	-	25.497	26.013	12.992	26.619	54.253	492.168	959.137
Total Obligation Authority *($ in Millions)*	**3,771.068**	**209.502**	**153.718**	**155.074**	**0.000**	**155.074**	**210.037**	**195.554**	**120.744**	**224.687**	**4,247.837**	**9,288.221**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	18.613	2.007	1.863	-	1.863	1.246	1.495	0.983	0.874	Continuing	Continuing
Flyaway Unit Cost *($ in Thousands)*	63,539.132	73,227.000	78,081.500	76,583.500	-	76,583.500	87,177.500	89,656.500	92,203.000	94,825.500	104,170.658	80,936.202
Gross/Weapon System Unit Cost *($ in Thousands)*	70,618.491	100,669.500	80,660.500	79,212.500	-	79,212.500	104,760.500	104,287.500	107,117.000	98,526.500	113,212.895	89,309.817

Description:

The KC-130J aircraft is an all metal, high-wing, long-range, land-based monoplane. It is designed for cargo, tanker and troop carrier operations. For tanker operations, the aircrew will consist of a pilot, co-pilot, augmented crew member and two air refueling observers. Features include wing mounted refueling pods, an internal cargo ramp and door, crew and cargo compartment pressurization, ground and in-flight refueling, thermal deicing systems and a Heads-Up Display (HUD). It is designed to take off and land on unimproved runways. The KC-130J aircraft is powered by four Allison AE 2100D3 Turbo-Prop Engines with four six-bladed composite propellers. The cockpit includes state-of-the-art electronics with Liquid Crystal Display (LCD) instrumentation. The improved power performance of the KC-130J provides 40 percent greater range, 25 percent higher cruise ceiling, 46 percent decrease in time-to-climb, 21 percent increase in maximum speed and 41 percent decrease in maximum effort take-off run over the existing KC-130F/R/T models.

Mission:
The mission of the KC-130J is to provide tactical in-flight refueling and assault support transport. As a tactical transport, it is capable of conventional or aerial delivery of personnel or cargo. The aircraft is capable of carrying 92 combat troops or 64 paratroopers with equipment or 64 litters when configured as an ambulance. The aircraft is equipped for in-flight refueling to service two aircraft simultaneously and has a removable 3,600 gallon (13,627 liter) fuel tank in the cargo compartment. The KC-130J has the capability to refuel low-speed helicopters and high-speed jet aircraft. Aerial refueling of helicopters is normally conducted at 6,000 feet or below, at an airspeed of 115 KTS TAS and requires a ground change of the refueling basket.

In order to reflect the correct Program funding profile, supporting exhibits reflect actual "To Complete" estimated cost. To match the supporting budget exhibits, the P-40 should have a "To Complete" Total Obligation Authority of $4,193.584M.

Secondary Distribution		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022
MCR	Quantity	2	2	2	-	2	2	2	1	2
	Total Obligation Authority	209.502	153.718	155.074	-	155.074	210.037	195.554	120.744	224.687
Total: Secondary Distribution	**Quantity**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	Total Obligation Authority	**209.502**	**153.718**	**155.074**	**-**	**155.074**	**210.037**	**195.554**	**120.744**	**224.687**

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	P-1 Line Item Number / Title: 0416 / KC-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: 000		

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	1 / KC-130J	P-5a, P-21			53 / 3,742.780	2 / 201.339	2 / 161.321	2 / 158.425	- / 0.000	2 / 158.425
P-40	**Total Gross/Weapon System Cost**				**53 / 3,742.780**	**2 / 201.339**	**2 / 161.321**	**2 / 158.425**	**- / 0.000**	**2 / 158.425**

*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 FY 2018 BUDGET REQUEST: To procure 2 KC-130J aircraft for the USMCR Squadrons. This budget supports a FY2014 through FY2018 multi-year procurement contract.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0416 / KC-130J	**Item Number / Title [DODIC]:** 1 / KC-130J
ID Code (A=Service Ready, B=Not Service Ready) :	**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)*	53	2	2	2	-	2
Gross/Weapon System Cost *($ in Millions)*	3,742.780	201.339	161.321	158.425	0.000	158.425
Less PY Advance Procurement *($ in Millions)*	244.008	16.288	32.451	28.848	-	28.848
Net Procurement (P-1) *($ in Millions)*	3,498.772	185.051	128.870	129.577	0.000	129.577
Plus CY Advance Procurement *($ in Millions)*	272.296	24.451	24.848	25.497	-	25.497
Total Obligation Authority *($ in Millions)*	**3,771.068**	**209.502**	**153.718**	**155.074**	**0.000**	**155.074**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	18.613	2.007	1.863	-	1.863
Gross/Weapon System Unit Cost *($ in Thousands)*	70,618.491	100,669.500	80,660.500	79,212.500	-	79,212.500

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†) (1)	60,867.585	53	3,225.982	68,187.000	2	136.374	68,285.500	2	136.571	67,967.500	2	135.935	-	-	-	67,967.500	2	135.935
1.1.2) GFE Electronics	-	-	68.122	-	-	4.247	-	-	4.328	-	-	4.413	-	-	-	-	-	4.413
1.1.3) Other GFE	-	-	17.807	-	-	1.774	-	-	1.808	-	-	1.843	-	-	-	-	-	1.843
Subtotal: Recurring Cost	-	-	*3,311.911*	-	-	*142.395*	-	-	*142.707*	-	-	*142.191*	-	-	-	-	-	*142.191*
Non Recurring Cost																		
1.2.1) Non-Recur Cost (2)	-	-	55.663	-	-	4.059	-	-	13.456	-	-	10.976	-	-	-	-	-	10.976
Subtotal: Non Recurring Cost	-	-	*55.663*	-	-	*4.059*	-	-	*13.456*	-	-	*10.976*	-	-	-	-	-	*10.976*
Subtotal: Flyaway Cost	**-**	**-**	***3,367.574***	**-**	**-**	***146.454***	**-**	**-**	***156.163***	**-**	**-**	***153.167***	**-**	**-**	**-**	**-**	**-**	***153.167***
Support Cost																		
2.1) Airframe PGSE	-	-	5.323	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Engine PGSE	-	-	3.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Avionics PGSE	-	-	5.426	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) Pec Trng Eq	-	-	128.462	-	-	49.678	-	-	-	-	-	-	-	-	-	-	-	-
2.5) Pub/Tech Eq	-	-	3.745	-	-	0.066	-	-	0.068	-	-	0.069	-	-	-	-	-	0.069
2.6) Prod Eng Supt	-	-	82.292	-	-	2.360	-	-	2.360	-	-	2.405	-	-	-	-	-	2.405
2.7) Other ILS	-	-	128.008	-	-	2.781	-	-	2.730	-	-	2.784	-	-	-	-	-	2.784
2.8) Miscellaneous Support	-	-	18.250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	P-1 Line Item Number / Title: 0416 / KC-130J	Item Number / Title [DODIC]: 1 / KC-130J
ID Code (A=Service Ready, B=Not Service Ready) :		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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Subtotal: Support Cost	-	-	***375.206***	-	-	***54.885***	-	-	***5.158***	-	-	***5.258***	-	-	-	-	-	***5.258***
Gross/Weapon System Cost	**70,618.491**	**53**	**3,742.780**	**100,669.500**	**2**	**201.339**	**80,660.500**	**2**	**161.321**	**79,212.500**	**2**	**158.425**	**-**	**-**	**0.000**	**79,212.500**	**2**	**158.425**

(†) indicates the presence of a P-5a

Footnotes:

(1) FY14-FY18 CFE Prices reflect Multi-Year pricing.

(2) FY18 Non-recurring costs include engineering for diminishing manufacturing sources and material shortages. In FY17 and FY18, Large Aircraft Infrared Counter Measures (LAIRCM), KC-130J Adjustable Ballast System (JABS) and Block Upgrade are added into the non-recurring line to cover engineering change proposals to the OEM.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	P-1 Line Item Number / Title: 0416 / KC-130J	Item Number / Title [DODIC]: 1 / KC-130J

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2013	LMAS (3) / Marrietta, GA	SS / FFP	USAF Wright Patterson Ohio	Sep 2015	Jul 2016	3	66,326.333	Y		
1.1.1) Airframe/CFE(†)		2014	LMAS (3) / Marrietta, GA	SS / FPIF	USAF Wright Patterson Ohio	Dec 2015	Apr 2016	1	63,088.000	Y		
1.1.1) Airframe/CFE(†)		2015	LMAS (3) / Marrietta, GA	SS / FPIF	USAF Wright Patterson Ohio	Dec 2015	Apr 2017	1	65,161.076	Y		
1.1.1) Airframe/CFE(†)		2016	LMAS (3) / Marrietta, GA	SS / FPIF	USAF Wright Patterson Ohio	Mar 2016	May 2018	2	68,187.000	Y		
1.1.1) Airframe/CFE(†)		2017	LMAS (3) / Marrietta, GA	SS / FPIF	USAF Wright Patterson Ohio	Dec 2016	Apr 2019	2	68,285.500	Y		
1.1.1) Airframe/CFE(†)		2018	LMAS (3) / Marrietta, GA	SS / FPIF	USAF Wright Patterson Ohio	Dec 2017	Aug 2019	2	67,967.500	Y		

(†) indicates the presence of a P-21

Footnotes:

(3) Manufacturer Production Lead Time does not reflect additional 12 - 24 month lead time required for long lead items procured through the Advance Procurement contract.

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	P-1 Line Item Number / Title: 0416 / KC-130J	Item Number / Title [DODIC]: 1 / KC-130J

Cost Elements (Units in Each)							Fiscal Year 2015												Fiscal Year 2016											BALANCE
										Calendar Year 2015														Calendar Year 2016								
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2014	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																														
Prior Years Deliveries: 48																														
	1	2013	NAVY	3	0	3												A -	-	-	-	-	-	-	-	-	-	1	2		0
	1	2014	NAVY	1	0	1															A -	-	-	-	1						0
	1	2015	NAVY	1	0	1															A -	-	-	-	-	-	-	-	-	-	1
	1	2016	NAVY	2	0	2																		A -	-	-	-	-	-	-	2
	1	2017	NAVY	2	0	2																									2
	1	2018	NAVY	2	0	2																									2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0416 / KC-130J	**Item Number / Title [DODIC]:** 1 / KC-130J

Cost Elements (Units in Each)							Fiscal Year 2017												Fiscal Year 2018											BALANCE
							Calendar Year 2017												Calendar Year 2018											
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2016	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																														
Prior Years Deliveries: 48																														
	1	2013	NAVY	3	3	0																								0
	1	2014	NAVY	1	1	0																								0
	1	2015	NAVY	1	0	1	-	-	-	-	-	-	1																	0
	1	2016	NAVY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
	1	2017	NAVY	2	0	2			A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	1	2018	NAVY	2	0	2															A	-	-	-	-	-	-	-	-	-	2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	P-1 Line Item Number / Title: 0416 / KC-130J	Item Number / Title [DODIC]: 1 / KC-130J

Cost Elements (Units in Each)							Fiscal Year 2019												Fiscal Year 2020												BALANCE
							Calendar Year 2019												Calendar Year 2020													
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																															
Prior Years Deliveries: 48																															
	1	2013	NAVY	3	3	0																									0
	1	2014	NAVY	1	1	0																									0
	1	2015	NAVY	1	1	0																									0
	1	2016	NAVY	2	1	1	-	-	-	-	1																				0
	1	2017	NAVY	2	0	2	-	-	-	-	-	-	1	-	-	-	1														0
	1	2018	NAVY	2	0	2	-	-	-	-	-	-	-	-	-	-	1	-	1												0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0416 / KC-130J	**Item Number / Title [DODIC]:** 1 / KC-130J

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	LMAS [3] - Marrietta, GA	18	24	36	0	6	36	42	0	6	17	23

"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:
[3] Manufacturer Production Lead Time does not reflect additional 12 - 24 month lead time required for long lead items procured through the Advance Procurement contract.

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Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0416 / KC-130J
Program Elements for Code B Items: N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 000	

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 *($ in Millions)*	272.296	24.451	24.848	25.497	-	25.497	26.013	12.992	26.619	54.253	492.168	959.137
Net Procurement (P-1) *($ in Millions)*	272.296	24.451	24.848	25.497	-	25.497	26.013	12.992	26.619	54.253	492.168	959.137
Total Obligation Authority *($ in Millions)*	**272.296**	**24.451**	**24.848**	**25.497**	**-**	**25.497**	**26.013**	**12.992**	**26.619**	**54.253**	**492.168**	**959.137**

Description:

MISSION AND DESCRIPTION:
The KC-130J aircraft is an all metal, high-wing, long-range, land-based monoplane. It is designed for cargo, tanker and troop carrier operations. For tanker operations, the aircrew will consist of a pilot, co-pilot, augmented crew member and two air refueling observers. Features include wing mounted refueling pods, an internal cargo ramp and door, crew and cargo compartment pressurization, ground and in-flight refueling, thermal deicing systems and a Heads-Up Display (HUD). It is designed to take off and land on unimproved runways. The KC-130J is powered by four Allison AE 2100D3 Turbo-Prop Engines with four six-bladed composite propellers. The cockpit includes state-of-the-art electronis with Liquid Crystal Display (LCD) instrumentation. The improved power performance of the KC-130J provides 40 percent greater range, 25 percent higher cruise ceiling, 46 percent decrease in time-to-climb, 21 percent increase in maximum spreed and 41 percent decrease in maximum effort take-off run over the existing KC-130F/R/T models.

The mission of the KC-130J is to provide tactical in-flight refueling and assault support transport. As a tactical transport, it is capable of conventional or aerial delivery of personnel or cargo. The aircraft is capable of carrying 92 combat troops or 64 paratroopers with equipment or 64 litters when configured as an ambulance. The aircraft is equipped for in-flight refueling to service two aircraft simultaneously and has a removable 3,600 gallon (13,627 liter) fuel tank in the cargo compartment.

The KC-130J has the capability to refuel low-speed helicopters and high-speed jet aircraft. Aerial refueling of helicopters is normally conducted at 6,000 feet or below, at an airspeed of 115 KTS TAS and requires a ground change of the refueling basket.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0416 / KC-130J
Program Elements for Code B Items: N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 000	

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	1 / KC-130J			53 / 272.296	2 / 24.451	2 / 24.848	2 / 25.497	- / -	2 / 25.497
P-40	**Total Gross/Weapon System Cost**			**53 / 272.296**	**2 / 24.451**	**2 / 24.848**	**2 / 25.497**	**- / -**	**2 / 25.497**

*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 Advance Procurement request covers requirements for Airframe Contractor Furnished Equipment (CFE) and Long Lead Government Furnished Equipment (GFE) to support procurement of 2 KC-130J Aircraft for the Marine Squadrons under Program Element 0502504M in FY18.

This budget request supports a FY2014 through FY2018 multiyear procurement contract.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0416 / KC-130J	**P-5 Number / Title:** 1 / KC-130J

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
January 2013	January 2013	0 Months

KC-130J	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*
Quantity		53	2	2	2

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*
CFE					
CFE - Airframe	0	227.199	20.000	20.312	20.875
Total: CFE		*227.199*	*20.000*	*20.312*	*20.875*
GFE					
GFE Electronics	0	22.805	4.164	4.243	4.324
GFE Other	0	2.292	0.287	0.293	0.298
Total: GFE		*25.097*	*4.451*	*4.536*	*4.622*
EOQ					
EOQ	0	20.000	-	-	-
Total: EOQ		*20.000*	-	-	*0.000*
Total Advance Procurement/Obligation Authority		**272.296**	**24.451**	**24.848**	**25.497**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0416 / KC-130J	**P-5 Number / Title:** 1 / KC-130J

Cost Elements	QPA *(Each)*	FY 2018					
		Production Leadtime *(Months)*	Unit Cost *($ K)*	Contract Forecast Date	2018 Qty *(Each)*	For FY	Total Cost Request *($ M)*
CFE							
CFE - Airframe	0						20.875
Total: CFE							*20.875*
GFE							
GFE Electronics	0						4.324
GFE Other	0						0.298
Total: GFE							*4.622*
EOQ							
EOQ	0						-
Total: EOQ							*0.000*
Total Advance Procurement/Obligation Authority							**25.497**

Description:
The Advance Procurement (AP) funding will be used to procure long lead GFE and CFE items. Material long lead items are CFE (Airframe) (12 months - 24 months), and GFE: SATCOM, AN/ARC210 (12 months), External Tank Reticulated Foam (12 months), TACTERM, ANDVJ (12 months), AN/AAR-47 Missile Approach Warning System (MAWS) (15 months), AN/ALR-56M Radar Warning Receivers (18 months), Wing Reticulated Foam (15 months), KY-75 (16 months), AN/PRC 149 Radio Set (24 months). All of these long lead items are essential to maintaining the KC-130J delivery schedule. Any reduction or delay in approval of AP funding for CFE (Airframe) would both delay assembly of aircraft by one year and result in significant cost increase to the KC-130J program.
Note: T.L. is Termination Liability.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 0305220N, 0305421N
Other Related Program Elements: N/A	
Line Item MDAP/MAIS Code: 373	

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 *(Units in Each)*	-	4	2	3	-	3	3	3	3	3	45	66
Gross/Weapon System Cost *($ in Millions)*	0.000	646.255	463.582	577.778	0.000	577.778	680.067	587.073	621.413	589.806	6,736.949	10,902.923
Less PY Advance Procurement *($ in Millions)*	-	81.170	54.577	55.652	-	55.652	57.266	58.432	59.615	60.804	1,027.588	1,455.104
Net Procurement (P-1) *($ in Millions)*	0.000	565.085	409.005	522.126	0.000	522.126	622.801	528.641	561.798	529.002	5,709.361	9,447.819
Plus CY Advance Procurement *($ in Millions)*	81.170	54.577	55.652	57.266	-	57.266	58.432	59.615	60.804	82.732	944.856	1,455.104
Total Obligation Authority *($ in Millions)*	**81.170**	**619.662**	**464.657**	**579.392**	**0.000**	**579.392**	**681.233**	**588.256**	**622.602**	**611.734**	**6,654.217**	**10,902.923**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	103.954	114.529	56.915	-	56.915	39.009	26.238	1.839	-	-	342.484
Flyaway Unit Cost *($ in Thousands)*	-	115,786.250	161,764.500	132,713.333	-	132,713.333	134,542.333	123,533.333	133,987.667	125,869.000	131,776.044	131,341.409
Gross/Weapon System Unit Cost *($ in Thousands)*	-	161,563.750	231,791.000	192,592.667	-	192,592.667	226,689.000	195,691.000	207,137.667	196,602.000	149,709.978	165,195.803

Description:

The MQ-4C Triton Unmanned Air Systems (UAS) is integral to recapitalizing the Navy's Maritime Patrol and Reconnaissance Force. The Triton capability has been developed for the maritime persistent Intelligence, Surveillance and Reconnaissance (ISR) mission. Teamed with its manned-capability counterpart, the P-8A, Triton will be a key component of the Navy's family of systems to achieve maritime domain awareness. The MQ-4C air vehicle, mission control system, specialized sensors, and communications suite will play a significant role in the Sea Shield and FORCEnet pillars of Sea Power 21. In its Sea Shield role, Triton's on-station time and range enables unmatched awareness of the maritime battlespace by sustaining the common operational tactical picture (COTP) for Surface Warfare and the Overseas Contingency Operation. The system will serve as a Fleet Response Plan enabler while acting as a trip wire for Intelligence Preparation of the Environment.

MQ-4C Triton includes an endurance-class UAS that will operate from land-based sites around the world. Unmanned aircraft at each operating location will provide persistent maritime ISR by being airborne 24 hours a day, 7 days a week out to ranges of 2,000 nautical miles. Worldwide access will be achieved by providing coverage to nearly all the world's high-density sea-lanes, littorals and areas of national interest from its operating locations. Triton will leverage the Maritime Patrol and Reconnaissance Forces community to enhance manpower, training and maintenance efficiencies.

MQ-4C Triton UAS sensors will provide detection, classification, tracking and identification of maritime targets. Sensors to fulfill mission requirements include maritime radar, electro-optical/infrared and Electronic Support Measures systems. Additionally, Triton will have a communications relay capability linking dispersed forces in the theater of operation and serving as a node in the Navy's FORCEnet strategy. The MQ-4C Triton UAS will support the Fleet Commander's common operational tactical picture COTP of the battlespace, day and night. The UAS will cue other Navy assets for further situational investigation and/or attack, and will also provide battle damage assessment of the area of interest. Tactical-level data analysis will occur in real-time at shore-based Mission Control Systems via satellite communications. Further intelligence exploitation can be conducted at shore-based sites or aboard Carrier Vessel Nuclear/Landing Helicopter Dock ships.

MS-C: 4Q FY16
DT&E: 4Q FY12 - 3Q FY20
OT&E: 4Q FY20 - 2Q FY21

FY16 does not reflect the $116.7M approved above threshold reprogramming (ATR) from APN 0442 (MQ-4C Triton) to RDTEN 0305220N (MQ-4C Triton).

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON	
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** 0305220N, 0305421N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 373		

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	1 / RQ-4 UAV	P-5a, P-21			- / 0.000	4 / 646.255	2 / 463.582	3 / 577.778	- / 0.000	3 / 577.778
P-40	**Total Gross/Weapon System Cost**				**- / 0.000**	**4 / 646.255**	**2 / 463.582**	**3 / 577.778**	**- / 0.000**	**3 / 577.778**

*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 FY 2018 Budget Request: FY18 request includes three FY18 Low Rate Initial Production (LRIP) MQ-4C Triton Unmanned Air Systems (UAS) and efforts to stand up depot repair and organic maintenance capability. FY18 is the first year Triton aircraft and ground station will be purchased in the Multi-INT configuration.

FY18 Advanced Procurement funding will support three FY19 LRIP MQ-4C Triton UAS in the Multi-INT configuration.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON	**Item Number / Title [DODIC]:** 1 / RQ-4 UAV
ID Code (A=Service Ready, B=Not Service Ready) :	**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)*	-	4	2	3	-	3
Gross/Weapon System Cost *($ in Millions)*	0.000	646.255	463.582	577.778	0.000	577.778
Less PY Advance Procurement *($ in Millions)*	-	81.170	54.577	55.652	-	55.652
Net Procurement (P-1) *($ in Millions)*	0.000	565.085	409.005	522.126	0.000	522.126
Plus CY Advance Procurement *($ in Millions)*	81.170	54.577	55.652	57.266	-	57.266
Total Obligation Authority *($ in Millions)*	**81.170**	**619.662**	**464.657**	**579.392**	**0.000**	**579.392**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	103.954	114.529	56.915	-	56.915
Gross/Weapon System Unit Cost *($ in Thousands)*	-	161,563.750	231,791.000	192,592.667	-	192,592.667

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 *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†) (1)	-	-	-	57,499.250	4	229.997	86,993.000	2	173.986	65,619.000	3	196.857	-	-	-	65,619.000	3	196.857
1.1.2) CFE Electronics (2)	-	-	-	-	-	106.182	-	-	65.998	-	-	87.749	-	-	-	-	-	87.749
1.1.4) Engines/Eng Acc (3)	-	-	-	-	-	15.225	-	-	8.585	-	-	12.352	-	-	-	-	-	12.352
1.1.6) Other GFE (4)	-	-	-	-	-	12.099	-	-	7.630	-	-	25.660	-	-	-	-	-	25.660
1.1.7) Rec Flyaway ECO	-	-	-	-	-	-	-	-	6.100	-	-	6.935	-	-	-	-	-	6.935
Subtotal: Recurring Cost	-	-	-	-	-	*363.503*	-	-	*262.299*	-	-	*329.553*	-	-	-	-	-	*329.553*
Non Recurring Cost																		
1.2.1) Non-Recur Cost (5)	-	-	-	-	-	74.214	-	-	35.362	-	-	35.442	-	-	-	-	-	35.442
1.2.3) Other (6)	-	-	-	-	-	25.428	-	-	25.868	-	-	33.145	-	-	-	-	-	33.145
Subtotal: Non Recurring Cost	-	-	-	-	-	*99.642*	-	-	*61.230*	-	-	*68.587*	-	-	-	-	-	*68.587*
Subtotal: Flyaway Cost	**-**	**-**	**-**	**-**	**-**	***463.145***	**-**	**-**	***323.529***	**-**	**-**	***398.140***	**-**	**-**	**-**	**-**	**-**	***398.140***
Support Cost																		
2.2) Airframe PGSE (7)	-	-	-	-	-	95.637	-	-	64.107	-	-	87.823	-	-	-	-	-	87.823
2.3) Pec Training Equip	-	-	-	-	-	41.489	-	-	5.819	-	-	2.182	-	-	-	-	-	2.182

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	P-1 Line Item Number / Title: 0442 / MQ-4 TRITON	Item Number / Title [DODIC]: 1 / RQ-4 UAV
ID Code (A=Service Ready, B=Not Service Ready) :	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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.4) Pub/Tech Equip [8]	-	-	-	-	-	2.285	-	-	11.128	-	-	11.536	-	-	-	-	-	11.536
2.5) Prod Eng Supt [9]	-	-	-	-	-	23.974	-	-	35.013	-	-	30.399	-	-	-	-	-	30.399
2.6) Other ILS [10]	-	-	-	-	-	19.725	-	-	23.986	-	-	47.698	-	-	-	-	-	47.698
Subtotal: Support Cost	**-**	**-**	**-**	**-**	**-**	***183.110***	**-**	**-**	***140.053***	**-**	**-**	***179.638***	**-**	**-**	**-**	**-**	**-**	***179.638***
Gross/Weapon System Cost	**-**	**-**	**0.000**	**161,563.750**	**4**	**646.255**	**231,791.000**	**2**	**463.582**	**192,592.667**	**3**	**577.778**	**-**	**-**	**0.000**	**192,592.667**	**3**	**577.778**

Remarks:
FY16 controls do not reflect the $116.7M ATR reduction to Tritons baseline RDTE budget.

(†) indicates the presence of a P-5a

Footnotes:
(1) Escalation for flyaway cost elements have been estimated using Global Insight indices and Forward Pricing Rate Agreements.

(2) The CFE Electronics cost element increases above inflation in FY18 as hardware purchases for the Multi-Intelligence capability begin.

(3) Engines will be delivered with airframes.

(4) The Other GFE cost element increases above inflation in FY18 as hardware purchases for the Multi-Intelligence capability begin.

(5) Non-recurring Engineering is estimated for resolution of diminishing manufacturing sources and material shortages (DMSMS) and integration supporting technology refreshment on commercial off the shelf (COTS) based components.

(6) Note: Other includes Ground Control Stations. Growth from PB-17 in Ground Control Station costs is due to updated pricing estimates based on actual costs and LRIP 1 negotiations.

(7) Increases in Airframe PGSE line reflect investment required to stand up organic depot and intermediate repair and maintenance capability. Growth from PB-17 is the result of updated requirements generated and validated within Triton's Independent Cost Estimate in support of Triton's Milestone C decision. Organic depot and intermediate level repair and maintenance standup creates the capability for the Navy to support Triton operations at a lower lifecycle cost at required readiness levels.

(8) The yearly funding requirement for the Pub/Tech Equipment cost element fluctuates across the FYDP based on the schedule required to procure and standup Intermediate, Organizational, and Depot level maintenance systems required in support of Initial Operational Capability (IOC), Triton's Material Support Date (MSD) and to establish core depot maintenance capabilities within 4 years of IOC, supporting Section 2464 of title 10, United States Code.

(9) Production Engineering Support increases above inflation in FY17 and FY18 as government production support ramps to full capacity.

(10) Other ILS increases above inflation in FY18-20 due to Interim Contractor Support requirements to support the Triton system prior to MSD. Increases from PB-17 account for updated requirements and pricing generated and validated within Triton's Independent Cost Estimate in support of Triton's Milestone C decision. Other ILS includes support for the prime contractor.

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	P-1 Line Item Number / Title: 0442 / MQ-4 TRITON	Item Number / Title [DODIC]: 1 / RQ-4 UAV

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE(†)		2016	Northrop Grumman / Rancho Bernardo, CA	SS / FPIF	NAVAIR	Aug 2016	May 2018	4	57,499.250	Y		Sep 2014
1.1.1) Airframe/CFE(†)		2017	Northrop Grumman / Rancho Bernardo, CA	SS / FPIF	NAVAIR	Apr 2017	Sep 2019	2	86,993.000	Y		Sep 2015
1.1.1) Airframe/CFE(†)		2018	Northrop Grumman / Rancho Bernardo, CA	SS / FP	NAVAIR	Apr 2018	Jul 2020	3	65,619.000	Y		Sep 2016

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON	**Item Number / Title [DODIC]:** 1 / RQ-4 UAV

Cost Elements (Units in Each)							Fiscal Year 2016												Fiscal Year 2017											BALANCE
										Calendar Year 2016														Calendar Year 2017								
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [(1)]																														
	1	2016	NAVY	4	0	4											A	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	1	2017	NAVY	2	0	2																			A	-	-	-	-	-	2
	1	2018	NAVY	3	0	3																									3
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON	**Item Number / Title [DODIC]:** 1 / RQ-4 UAV

Cost Elements (Units in Each)							Fiscal Year 2018												Fiscal Year 2019											BALANCE
										Calendar Year 2018														Calendar Year 2019								
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [(1)]																														
	1	2016	NAVY	4	0	4	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	1						0
	1	2017	NAVY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
	1	2018	NAVY	3	0	3							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON	**Item Number / Title [DODIC]:** 1 / RQ-4 UAV

Cost Elements (Units in Each)							Fiscal Year 2020												Fiscal Year 2021												BALANCE
										Calendar Year 2020														Calendar Year 2021									
OCO	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Airframe/CFE [1]																															
	1	2016	NAVY	4	4	0																									0
	1	2017	NAVY	2	1	1	-	-	-	1																					0
	1	2018	NAVY	3	0	3	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1							0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON	**Item Number / Title [DODIC]:** 1 / RQ-4 UAV

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2018	1-8-5 For 2018	MAX For 2018	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	Northrop Grumman - Rancho Bernardo, CA	3	6	12	12	10	21	31	12	6	27	33

"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 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON
Program Elements for Code B Items: 0305220N, 0305421N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 373	

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 *($ in Millions)*	81.170	54.577	55.652	57.266	-	57.266	58.432	59.615	60.804	82.732	944.856	1,455.104
Net Procurement (P-1) *($ in Millions)*	81.170	54.577	55.652	57.266	-	57.266	58.432	59.615	60.804	82.732	944.856	1,455.104
Total Obligation Authority *($ in Millions)*	**81.170**	**54.577**	**55.652**	**57.266**	**-**	**57.266**	**58.432**	**59.615**	**60.804**	**82.732**	**944.856**	**1,455.104**

Description:

The MQ-4C Triton UAS is integral to recapitalizing the Navy's Maritime Patrol and Reconnaissance Force. The Triton capability has been developed for the maritime persistent Intelligence, Surveillance and Reconnaissance (ISR) mission. Teamed with its manned-capability counterpart, the P-8A, Triton will be a key component of the Navy's family of systems to achieve maritime domain awareness. The MQ-4C air vehicle, mission control system, specialized sensors, and communications suite will play a significant role in the Sea Shield and FORCEnet pillars of Sea Power 21. In its Sea Shield role, Triton on-station time and range enables unmatched awareness of the maritime battlespace by sustaining the common operational tactical picture (COTP) for Surface Warfare and the Overseas Contingency Operation. The system will serve as a Fleet Response Plan enabler while acting as a trip wire for Intelligence Preparation of the Environment.

MQ-4C Triton includes an endurance-class UAS that will operate from land-based sites around the world. Unmanned aircraft at each operating location will provide persistent maritime ISR by being airborne 24 hours a day, 7 days a week out to ranges of 2,000 nautical miles. Worldwide access will be achieved by providing coverage to nearly all the world's high-density sea-lanes, littorals and areas of national interest from its operating locations. Triton will leverage the Maritime Patrol and Reconnaissance Forces community to enhance manpower, training and maintenance efficiencies.

MQ-4C Triton UAS sensors will provide detection, classification, tracking and identification of maritime targets. Sensors to fulfill mission requirements include maritime radar, electro-optical/infrared and Electronic Support Measures systems. Additionally, Triton will have a communications relay capability linking dispersed forces in the theater of operation and serving as a node in the Navy's FORCEnet strategy. The MQ-4C Triton UAS will support the Fleet Commander's common operational tactical picture COTP of the battlespace, day and night. The UAS will cue other Navy assets for further situational investigation and/or attack, and will also provide battle damage assessment of the area of interest. Tactical-level data analysis will occur in real-time at shore-based Mission Control Systems via satellite communications. Further intelligence exploitation can be conducted at shore-based sites or aboard Carrier Vessel Nuclear/Landing Helicopter Dock ships.

Exhibit P-40, Advance Procurement Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON
Program Elements for Code B Items: 0305220N, 0305421N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 373	

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	1 / RQ-4 UAV			- / 81.170	4 / 54.577	2 / 55.652	3 / 57.266	- / -	3 / 57.266
P-40	**Total Gross/Weapon System Cost**			**- / 81.170**	**4 / 54.577**	**2 / 55.652**	**3 / 57.266**	**- / -**	**3 / 57.266**

*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:
Basis for FY 2018 Budget Request: FY18 requests Advanced Procurement to support long lead requirements for three FY19 Low Rate Initial Production MQ-4C Triton Unmanned Air Systems in the Multi-INT configuration.

Exhibit P-10, Advance Procurement Requirements Analysis (*page 1 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON	**P-5 Number / Title:** 1 / RQ-4 UAV

First System (2018) Award Date:	First System (2018) Completion Date:	Interval Between Systems:
January 2016	January 2018	12 Months

RQ-4 UAV	Production Leadtime *(Months)*	Prior Years *(Each)*	FY 2016 *(Each)*	FY 2017 *(Each)*	FY 2018 *(Each)*
Quantity		-	4	2	3

Cost Elements	When Required *(Months)*	Prior Years *($ M)*	FY 2016 *($ M)*	FY 2017 *($ M)*	FY 2018 *($ M)*
CFE					
CFE - Airframe T.L.	0	81.170	54.577	55.652	57.266
Total: CFE		*81.170*	*54.577*	*55.652*	*57.266*
Total Advance Procurement/Obligation Authority		**81.170**	**54.577**	**55.652**	**57.266**

Exhibit P-10, Advance Procurement Requirements Analysis (*page 2 - Budget Funding Justification*): FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	**P-1 Line Item Number / Title:** 0442 / MQ-4 TRITON	**P-5 Number / Title:** 1 / RQ-4 UAV

Cost Elements	QPA *(Each)*	FY 2018					
		Production Leadtime *(Months)*	Unit Cost *($ K)*	Contract Forecast Date	2018 Qty *(Each)*	For FY	Total Cost Request *($ M)*
CFE							
CFE - Airframe T.L.	0						57.266
Total: CFE							*57.266*
Total Advance Procurement/Obligation Authority							**57.266**

Description:
The MQ-4C Triton Advance Procurement (AP) funding will be used to procure long lead CFE material for subsytems such as, but not limited to, the Multi-Function Active Sensor (MFAS) radar, landing gear, wings, and wide band command and control system. Airframe/CFE requirements are calculated on a Termination Liability (TL) basis, reflecting the contractor's funding requirements for procurement of long lead parts and materials necessary to protect the delivery schedule. CFE - Airframe (TL) is directly related to the end item quantity.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy	Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0443 / MQ-8 UAV
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: 253	

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 *(Units in Each)*	45	5	1	-	-	-	-	-	-	-	-	51
Gross/Weapon System Cost *($ in Millions)*	800.521	158.680	72.435	49.472	0.000	49.472	67.463	30.260	24.174	46.863	56.055	1,305.923
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	800.521	158.680	72.435	49.472	0.000	49.472	67.463	30.260	24.174	46.863	56.055	1,305.923
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**800.521**	**158.680**	**72.435**	**49.472**	**0.000**	**49.472**	**67.463**	**30.260**	**24.174**	**46.863**	**56.055**	**1,305.923**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	1.506	3.499	-	3.499	3.781	2.418	0.803	0.726	Continuing	Continuing
Flyaway Unit Cost *($ in Thousands)*	13,919.111	19,865.400	34,000.000	-	-	-	-	-	-	-	-	16,453.647
Gross/Weapon System Unit Cost *($ in Thousands)*	17,789.356	31,736.000	72,435.000	-	-	-	-	-	-	-	-	25,606.333

Description:

Notes:
This budget prioritizes system wholeness for mission control systems (MCS), trainers/training equipment, peculiar support equipment, publications and technical data over continued air vehicle procurements. System wholeness is required to field and support procured air vehicles and MCS in support of operations onboard Littoral Combat Ship (LCS), other suitably equipped air capable ships, and land-based MQ-8 requirements.

Current analysis has determined that a total fleet requirement of 60 air vehicles (51 procurement and 9 RDTEN) will satisfy current and foreseeable operational needs thus reducing the total number of MQ-8C production air vehicles to a quantity of 30, a decrement of 10 from previous budget submission. In order to maintain the planned IOC dates, operational deployment tempo, envisioned readiness posture, and production shutdown activities, the following Cost Elements' funding are required: Non-Recurring Cost, Ancillary Equipment, Airframe PGSE, Peculiar Training Equipment, Pub/Tech Equipment, Production Engineering Support, and Other ILS Support Costs.

The MQ-8 Unmanned Air System (popular name "Fire Scout") provides real-time and non-real-time Intelligence, Surveillance and Reconnaissance (ISR) data to tactical users without the use of manned aircraft or reliance on limited joint theater or national assets. The baseline MQ-8 can accomplish missions including over-the-horizon tactical reconnaissance, classification, targeting and laser designation and battle damage assessment (including voice communications relay).

The MQ-8 launches and recovers vertically, and can operate from suitably-equipped air capable ships, as well as confined area land bases. Interoperability is achieved through the use of the Tactical Control System (TCS) software in the mission control system (MCS), also referred to as a Ground Control Station (GCS), and through the use of the Tactical Common Data Link (TCDL). The data from the MQ-8 is provided through standard DoD Command, Control, Communications, Computers and ISR (C4ISR) system architectures and protocols.

The Department conducted a Title 10 Section 2433 (Nunn-McCurdy Breach) review on the MQ-8 program in 2014 due to a unit cost breach and certified a restructured program to Congress on 16 June 2014.

The MQ-8B-based system achieved Milestone C (MS C) in May 2007. The Nunn-McCurdy certification process revoked the program's MS C approval. MS C for the restructured MQ-8 program is currently scheduled in the 3Q FY17.

A deployed MQ-8 system includes air vehicle(s), payloads (i.e. electro-optical/infrared/laser designator-range finder, Automated Identification System, voice communications relay, Radar, Weapons, and other specialty payloads), MCS (with TCS and TCDL integrated for interoperability), a UCARS for automatic launch and recovery, and associated spares and support equipment. The quantities and schedules for

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0443 / MQ-8 UAV	
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: 253		

MCS and UCARS components are based on host ship requirements, while quantities and schedules for air vehicle components, support equipment, and training equipment are based on operational deployment plans. A limited number of land-based MCS supplement the shipboard systems to support shore-based operations, such as pre-deployment or acceptance functional check flights. These land-based MCS will also support depot-level maintenance/post-maintenance activities. The MQ-8C provides additional mission endurance and payload-weight-power, increased reliability, and improved maintainability to the MQ-8 system.

MQ-8 systems will support missions on Littoral Combat Ship (LCS) and/or suitably-equipped air capable ships. Quantities of air vehicles are derived from LCS and/or suitably-equipped air capable ship deployment requirements for Surface Warfare and Mine Countermeasures mission sets.

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0443 / MQ-8 UAV	
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: 253		

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	1 / MQ-8 UAV	P-5a			45 / 800.521	5 / 158.680	1 / 72.435	- / 49.472	- / 0.000	- / 49.472
P-40	**Total Gross/Weapon System Cost**				**45 / 800.521**	**5 / 158.680**	**1 / 72.435**	**- / 49.472**	**- / 0.000**	**- / 49.472**

*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 FY18 budget request:

Provides ship ancillary equipment for FY18 LCS production hulls and fleet mobile Mission Control Stations (MCS) for training and proficiency which includes MCS, Unmanned Aerial Vehicle Common Automatic Recovery Systems, support equipment, Tactical Common Data Link systems and specialty payloads; quantity and cost can vary by shipboard deployment need date and requirement. In addition, the program will install 1 MCS onboard the Expeditionary Mobile Base (T-ESB 4).

Support costs include peculiar training equipment, peculiar support equipment for airframe and avionics requirements, publications, and production support. Other Integrated Logistics Support (ILS) includes production reach back, depot standup, and government logistics support requirements necessary to field the MQ-8 system. The quantities and schedules for MCS and UCARS components are based on host ship requirements, while quantities and schedules for air vehicle components, support equipment, and training equipment are based on operational deployment plans.

Though MQ-8C air vehicle production is reduced, full support of the above cost elements is required to maintain the planned IOC dates, operational deployment tempo, envisioned readiness posture, and production shutdown activities.

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	P-1 Line Item Number / Title: 0443 / MQ-8 UAV	Item Number / Title [DODIC]: 1 / MQ-8 UAV
ID Code (A=Service Ready, B=Not Service Ready) :	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)*	45	5	1	-	-	-
Gross/Weapon System Cost *($ in Millions)*	800.521	158.680	72.435	49.472	0.000	49.472
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	800.521	158.680	72.435	49.472	0.000	49.472
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**800.521**	**158.680**	**72.435**	**49.472**	**0.000**	**49.472**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	1.506	3.499	-	3.499
Gross/Weapon System Unit Cost *($ in Thousands)*	17,789.356	31,736.000	72,435.000	-	-	-

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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
Flyaway Cost																		
Recurring Cost																		
1.1.1) Airframe/CFE(†)	10,923.156	45	491.542	11,916.800	5	59.584	16,810.000	1	16.810	-	-	-	-	-	-	-	-	-
1.1.2) GFE Electronics	-	-	55.036	-	-	22.693	-	-	4.990	-	-	-	-	-	-	-	-	-
1.1.3) Rec Flyaway ECO	-	-	-	-	-	-	-	-	0.698	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*546.578*	-	-	*82.277*	-	-	*22.498*	-	-	-	-	-	-	-	-	-
Non Recurring Cost																		
1.2.1) Non-Recur Cost	-	-	11.462	-	-	3.389	-	-	1.967	-	-	1.165	-	-	-	-	-	1.165
1.2.2) Ancillary Equipment	-	-	68.320	-	-	13.661	-	-	9.535	-	-	12.799	-	-	-	-	-	12.799
1.2.3) Production Line Shutdown	-	-	-	-	-	-	-	-	-	-	-	4.660	-	-	-	-	-	4.660
Subtotal: Non Recurring Cost	-	-	*79.782*	-	-	*17.050*	-	-	*11.502*	-	-	*18.624*	-	-	-	-	-	*18.624*
Subtotal: Flyaway Cost	**-**	**-**	***626.360***	**-**	**-**	***99.327***	**-**	**-**	***34.000***	**-**	**-**	***18.624***	**-**	**-**	**-**	**-**	**-**	***18.624***
Support Cost																		
2.1) Airframe PGSE	-	-	8.542	-	-	0.833	-	-	5.147	-	-	3.092	-	-	-	-	-	3.092
2.2) Avionics PGSE	-	-	-	-	-	0.287	-	-	1.128	-	-	-	-	-	-	-	-	-
2.3) Peculiar Training Equipment	-	-	35.731	-	-	27.503	-	-	10.225	-	-	6.601	-	-	-	-	-	6.601
2.4) Pubs/Tech Equipment	-	-	1.116	-	-	4.761	-	-	2.436	-	-	2.303	-	-	-	-	-	2.303

Exhibit P-5, Cost Analysis: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	P-1 Line Item Number / Title: 0443 / MQ-8 UAV	Item Number / Title [DODIC]: 1 / MQ-8 UAV
ID Code (A=Service Ready, B=Not Service Ready) :		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 ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
2.5) Production Engineering Support	-	-	96.366	-	-	16.826	-	-	11.655	-	-	11.767	-	-	-	-	-	11.767
2.6) Other ILS Support	-	-	32.406	-	-	9.143	-	-	7.844	-	-	7.085	-	-	-	-	-	7.085
Subtotal: Support Cost	**-**	**-**	***174.161***	**-**	**-**	***59.353***	**-**	**-**	***38.435***	**-**	**-**	***30.848***	**-**	**-**	**-**	**-**	**-**	***30.848***
Gross/Weapon System Cost	**17,789.356**	**45**	**800.521**	**31,736.000**	**5**	**158.680**	**72,435.000**	**1**	**72.435**	**-**	**-**	**49.472**	**-**	**-**	**0.000**	**-**	**-**	**49.472**

Remarks:

Provides ship ancillary equipment which includes Mission Control System, Unmanned Aerial Vehicle Common Automatic Recovery Systems, support equipment, Tactical Common Data Link systems and specialty payloads; quantity and cost can vary by shipboard deployment need date and requirement. Support costs include peculiar training equipment, peculiar support equipment for airframe and avionics requirements, publications, and production support. Other Integrated Logistics Support (ILS) includes production reach back, depot standup, and government logistics support requirements necessary to field the MQ-8 system.

Summary of the FY18-FY22 increases from PB17:
FY18 and FY19 non-recurring increases provide for MQ-8C production line shutdown and near-term Diminishing Manufacturing Sources and Material Shortages (DMSMS) system evaluations.

The FY18 and FY19 peculiar training equipment increases result from immersive virtual training system improvements for the LCS Training Facility and required training devices to field the MQ-8 system.

[Support Cost] Though MQ-8C air vehicle production is reduced, full support of the above Cost Elements is required to maintain the planned IOC dates, operational deployment tempo, envisioned readiness posture, and production shutdown activities. Funding in the following Cost Elements is required to maintain the MQ-8 program: Non-Recurring Cost, Ancillary Equipment (mission control systems), Airframe PGSE, Peculiar Training Equipment, Pub/Tech Equipment, Production Engineering Support, and Other ILS Support Costs. This funding ensures program wholeness by procuring required program components.

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1	P-1 Line Item Number / Title: 0443 / MQ-8 UAV	Item Number / Title [DODIC]: 1 / MQ-8 UAV

Cost Elements	OCO	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Airframe/CFE	✓	2015	Northrop Grumman / San Diego	SS / CPIF	NAVAIR	Sep 2016	Jul 2018	5	9,874.200	Y		Jul 2014
1.1.1) Airframe/CFE		2016	Northrop Grumman / San Diego	SS / FPIF	NAVAIR	Sep 2016	Jan 2019	5	11,916.800	Y		Jul 2015
1.1.1) Airframe/CFE		2017	Northrop Grumman / San Diego	SS / FPIF	NAVAIR	Oct 2016	Jun 2019	1	16,810.000	Y		May 2016

Exhibit P-40, Budget Line Item Justification: FY 2018 Navy		Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft	**P-1 Line Item Number / Title:** 0444 / STUASLO	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0305234N, 0305239M
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 *(Units in Each)*	9	3	4	-	-	-	-	-	-	-	-	16
Gross/Weapon System Cost *($ in Millions)*	73.200	57.298	70.000	0.880	3.900	4.780	1.070	0.000	0.000	0.000	-	206.348
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	73.200	57.298	70.000	0.880	3.900	4.780	1.070	0.000	0.000	0.000	-	206.348
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**73.200**	**57.298**	**70.000**	**0.880**	**3.900**	**4.780**	**1.070**	**0.000**	**0.000**	**0.000**	**-**	**206.348**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Thousands)*	8,133.333	18,352.333	16,209.750	-	-	-	-	-	-	-	-	12,434.125
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The requirement for the RQ-21A BLACKJACK (formerly known as The Small Tactical Unmanned Aircraft System (STUAS)) Unmanned Aircraft System is defined in Capability Development Document, dated 18 November 2008 and further defined in the Capability Production Document, dated 15 February 2013. The RQ-21A BLACKJACK program entered the Engineering and Manufacturing Development (EMD) phase of the acquisition process as an Acquisition Category III program on 26 July 2010. On 19 August 2014, RQ-21A BLACKJACK was designated an Acquisition Category II program.

The RQ-21A BLACKJACK is a combined United States Navy (USN) and United States Marine Corps (USMC) program that provides persistent maritime and land-based tactical Intelligence, Surveillance, and Reconnaissance/Target Acquisition support for tactical level maneuver decisions and unit level force defense/force protection for Naval amphibious assault ships (multi-ship classes) and Navy and Marine land forces. This system will support Naval Missions such as building the Recognized Maritime Picture, Maritime Security Operations, Maritime Interdiction Operations, and provide support for Naval Units operating from sea/shore in Overseas Contingency Operations. This submission is the USNs portion of the program and has been coordinated with the USMC budget submission PE 0305239M (RQ-21A).

The RQ-21A BLACKJACK system will continue to evolve and upgrade capabilities to satisfy capabilities shortfalls, new requirements, and reliability, maintainability and safety issues. Upgraded capabilities may include Navy Command and Control integration, Weapons integration, Heavy Fuel Engine, Laser Designator, Frequency Agile Communications Relay, Digital Common Data Link, and cyclic refresh of the Electro-Optical/Infrared camera. RQ-21A BLACKJACK will also continue to expand its shipboard capability across new ship classes.

Current inventory of RQ-21 systems has been satisfied. Therefore, after FY17 there are no future procurements planned. The USMC continues RQ-21 procurement in FY18.

Justification:

FY 2018 Base Appropriation Request: $0.880M
RQ-21A Ground Control Station procurement for install onto Expeditionary Sea Base (ESB) platform.

OCO:
FY 2018 OCO Appropriation Request: $3.9M
Logistics support for existing procured RQ-21A Systems that funds prime contractor based Interim Contractor Support (ICS) in support of Operation Inherent Resolve.

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Exhibit P-40, Budget Line Item Justification: FY 2018 Navy			Date: May 2017
Appropriation / Budget Activity / Budget Sub Activity: 1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft		P-1 Line Item Number / Title: 0465 / Other Support Aircraft	
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 *(Units in Each)*	5	1	4	-	-	-	-	-	-	-	4	14
Gross/Weapon System Cost *($ in Millions)*	54.825	15.100	59.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	129.125
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	54.825	15.100	59.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	129.125
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**54.825**	**15.100**	**59.200**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**-**	**129.125**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	9,560K	13,898K	13,815K	-	-	-	-	-	-	-	-	8,354K
Gross/Weapon System Unit Cost *($ in Dollars)*	10,965K	15,100K	14,800K	-	-	-	-	-	-	-	-	9,223K

Description:

The U.S. Marine Corps (USMC) UC-12W Operational Support Airlift (Light) aircraft is an FAA type-certified modern commercial cargo/passenger transport aircraft that will replace the USMC UC-12B/F aircraft in performing Operational Support Airlift (OSA) missions. The OSA mission provides transportation for high priority passengers and cargo with time, place or mission sensitive requirements. The aircraft will be capable of operating out of short, unimproved airfields; carry a minimum of nine passengers or light cargo; or carry a combination of passengers and cargo. The aircraft will be delivered with the following military unique systems: Ultra High Frequency (UHF) radio, Tactical Air Navigation (TACAN) radio, Identification Friend or Foe/Selective Identification Feature (IFF/SIF), and Aircraft Survivability Equipment (ASE).

In prior years, in addition to the five aircraft shown above, two Other Support Aircraft (UC-12W) were procured for the USMC Reserves using FY07 & FY08 National Guard & Reserve Equipment (NGRE) funding. These aircraft and their associated costs are not reflected above.

The objective for the Other Support Aircraft (UC-12W) program is to replace all 12 USMC UC-12B/F aircraft.

Final quantity of 4 UC-12W aircraft funded in FY17. "To Complete" Quantity should be zero.

Justification:

There is no funding request in FY18.

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