Department of Defense Fiscal Year (FY) 2016 President's Budget Submission

February 2015



Navy

Justification Book Volume 1 of 4

Aircraft Procurement, Navy
Budget Activity 01-04

The estimated total cost for producing the Department of Navy budget justification material is approximately \$1,436,000 for the 2015 fiscal year. This includes \$74,000 in supplies and \$1,362,000 in labor.

Navy • President's Budget Submission FY 2016 • Procurement

Table of Volumes

| Navy | Volum | 1e 1 |
|------|-------|------|
| Navy | Volum | 1e 2 |
| Navy | Volum | ne 3 |
| Navy | Volum | ne 4 |



Navy • President's Budget Submission FY 2016 • Procurement

Volume 1 Table of Contents

| Introduction and Explanation of Contents | Volume 1 - v |
|--|------------------|
| Comptroller Exhibit P-1 | Volume 1 - vi |
| Master Line Item Table of Contents (by Appropriation then Line Number) | Volume 1 - xxii |
| Master Line Item Table of Contents (Alphabetically by Line Item Title) | Volume 1 - xxi |
| Line Item Table of Contents (by Appropriation then Line Number) | Volume 1 - xxxii |
| Line Item Table of Contents (Alphabetically by Line Item Title) | Volume 1 - xxxvi |
| Exhibit P-40s | Volume 1 - ′ |



Department of Defense Appropriations Act, 2016

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, \$16,343,799,000, to remain available for obligation until September 30, 2018.



Department of the Navy FY 2016 President's Budget Exhibit P-1 FY 2016 President's Budget Total Obligational Authority (Dollars in Thousands)

09 Jan 2015

| Aircraft Procurement, Navy | FY 2014 (Base & OCO) | FY 2015 Base Enacted | FY 2015 OCO Enacted | FY 2015 Total Enacted |
|------------------------------|-------------------------|-------------------------|------------------------|--------------------------|
| | | | | |
| Aircraft Procurement, Navy | 16,448,382 | 14,758,035 | 243,359 | 15,001,394 |
| Total Department of the Navy | 16,448,382 | 14,758,035 | 243,359 | 15,001,394 |

Department of the Navy FY 2016 President's Budget Exhibit P-1 FY 2016 President's Budget Total Obligational Authority (Dollars in Thousands)

09 Jan 2015

| Appropriation Aircraft Procurement, Navy | FY 2016 | FY 2016 | FY 2016 |
|--|------------|---------|------------|
| Appropriation | Base | oco | Total |
| | | | |
| Aircraft Procurement, Navy | 16,126,405 | 217,394 | 16,343,799 |
| Total Department of the Navy | 16,126,405 | 217,394 | 16,343,799 |

Department of the Navy FY 2016 President's Budget Exhibit P-1 FY 2016 President's Budget Total Obligational Authority

otal Obligational Authority 09 Jan 2015 (Dollars in Thousands)

Appropriation: Aircraft Procurement, Navy

| Budget Activity | FY 2014 (Base & OCO) | FY 2015 Base Enacted | FY 2015 OCO Enacted | FY 2015 Total Enacted |
|---|-------------------------|-------------------------|------------------------|--------------------------|
| 01. Combat Aircraft | 12,054,307 | 10,590,852 | 30,000 | 10,620,852 |
| 03. Trainer Aircraft | 249,080 | | | |
| 04. Other Aircraft | 190,384 | 199,623 | 125,000 | 324,623 |
| 05. Modification of Aircraft | 2,405,971 | 2,285,631 | 69,423 | 2,355,054 |
| 06. Aircraft Spares and Repair Parts | 1,087,330 | 1,208,651 | 18,000 | 1,226,651 |
| 07. Aircraft Support Equip & Facilities | 461,310 | 473,278 | 936 | 474,214 |
| Total Aircraft Procurement, Navy | 16,448,382 | 14,758,035 | 243,359 | 15,001,394 |

Department of the Navy FY 2016 President's Budget Exhibit P-1 FY 2016 President's Budget Total Obligational Authority (Dollars in Thousands)

09 Jan 2015

Appropriation: Aircraft Procurement, Navy

| Budget Activity | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|---|------------------|----------------|------------------|
| 01. Combat Aircraft | 10,340,088 | | 10,340,088 |
| 03. Trainer Aircraft | 8,914 | | 8,914 |
| 04. Other Aircraft | 888 , 971 | 55,000 | 943,971 |
| 05. Modification of Aircraft | 2,752,821 | 161,451 | 2,914,272 |
| 06. Aircraft Spares and Repair Parts | 1,563,515 | | 1,563,515 |
| 07. Aircraft Support Equip & Facilities | 572,096 | 943 | 573,039 |
| Total Aircraft Procurement, Navy | 16,126,405 | 217,394 | 16,343,799 |

Total Obligational Authority 09 Jan 2015 (Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| Line | Ident | FY 2014 (Base & OCO) | FY 2015 Base Enacted | FY 2015 OCO Enacted | FY 2015 S Total Enacted e |
|---|----------|------------------------------|-------------------------|------------------------|---------------------------------|
| No Item Nomenclature | Code | Quantity Cost | ~ 4 | Quantity Cost | Quantity Cost c |
| Budget Activity 01: Combat Aircraft | | | | | |
| Combat Aircraft | | | | | |
| 1 EA-18G Less: Advance Procurement (PY) | В | 21 (1,884,859 (-44,941 | L) | | 15 (1,503,547) U U |
| | | 1,839,918 | | | 1,503,547 |
| 2 F/A-18E/F (Fighter) Hornet Less: Advance Procurement (PY) | А | (207,39 <u>1</u> (-27,335 | 5) | | U U |
| | | 180,056 | | | |
| <pre>3 Joint Strike Fighter CV Less: Advance Procurement (PY)</pre> | А | 4 (1,059,114 (-30,699 | (-79,016) | | 4 (927,568) U (-79,016) U |
| | | 1,028,415 | | | 848,552 |
| 4 Joint Strike Fighter CV Advance Procurement (CY) | | 79,016 | 29,400 | | 29,400 U |
| 5 JSF STOVL Less: Advance Procurement (PY) | | 6 (1,270,309 (-98,063 | (-103,195) | | 6 (1,287,605) U (-103,195) U |
| | | 1,172,248 | | | 1,184,410 |
| 6 JSF STOVL Advance Procurement (CY) | | 103,195 | 5 143,885 | | 143,885 U |
| 7 CH-53K (Heavy Lift) Advance Procurement (CY) | | | | | U |
| 8 V-22 (Medium Lift) Less: Advance Procurement (PY) | | 19 (1,443,40° (-86,258 | (-59, 359) | | 19 (1,540,459) U (-59,359) U |
| | | 1,357,149 | | | 1,481,100 |
| 9 V-22 (Medium Lift) Advance Procurement (CY) | | 53,113 | 3 45,920 | | 45,920 U |

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

Page N-3 Volume 1 - xi

(Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| Line No Item Nomenclature | Ident Code | FY Quantit | - | FY 20 OCC Quantity | | - | s e c - |
|--|---------------|---------------|--------------------------|--------------------------|--------|---------------------------|---------|
| Budget Activity 01: Combat Aircraft | | | | | | | |
| Combat Aircraft | | | | | | | |
| 1 EA-18G Less: Advance Procurement (PY) | В | | | | | | U U |
| 2 F/A-18E/F (Fighter) Hornet Less: Advance Procurement (PY) | А | | | | | | U U |
| 3 Joint Strike Fighter CV Less: Advance Procurement (PY) | A | 4 | (926,942) (-29,400) | | 4 | (926,942) (-29,400) |) U |
| | | | 897 , 542 | | | 897 , 542 | |
| 4 Joint Strike Fighter CV Advance Procurement (CY) | | | 48,630 | | | 48,630 | U |
| 5 JSF STOVL Less: Advance Procurement (PY) | | 9 (| 1,627,299) (-143,885) | | 9 | (1,627,299) (-143,885) |) U |
| | | | 1,483,414 | | | 1,483,414 | - |
| 6 JSF STOVL Advance Procurement (CY) | | | 203,060 | | | 203,060 | U |
| 7 CH-53K (Heavy Lift) Advance Procurement (CY) | | | 41,300 | | | 41,300 | U |
| 8 V-22 (Medium Lift) Less: Advance Procurement (PY) | | | (1,503,863) (-67,508) | | 19 | (1,503,863) (-67,508) |) U |
| | | | 1,436,355 | | | 1,436,355 | _ |
| 9 V-22 (Medium Lift) Advance Procurement (CY) | | | 43,853 | | | 43,853 | U |

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

Page N-3AVolume 1 - xii

09 Jan 2015

Total Obligational Authority 09 Jan 2015

Appropriation: 1506N Aircraft Procurement, Navy

| Line No Item Nomenclature | Ident Code | | - | | = | | | | Y 2015 l Enacted ty Cost | s e c |
|---|---------------|----|---------------------------|----|---------------------------|---|----------|----|--------------------------------|-------------|
| 10 H-1 Upgrades (UH-1Y/AH-1Z) Less: Advance Procurement (PY) | А | 22 | (664,928) (-64,311) | 27 | (869,057) (-60,000) | 1 | (30,000) | 28 | (899,057) (-60,000) |) U |
| | | | 600,617 | | 809,057 | | 30,000 | | 839,057 | |
| 11 H-1 Upgrades (UH-1Y/AH-1Z) Advance Procurement (CY) | | | 60,000 | | 63,354 | | | | 63,354 | U |
| 12 MH-60S (MYP) Less: Advance Procurement (PY) | А | 18 | (432,774) (-67,856) | 8 | (218,026) (-35,886) | _ | | 8 | (218,026) (-35,886) |) U |
| | | | 364,918 | | 182,140 | | | | 182,140 | |
| 13 MH-60S (MYP) Advance Procurement (CY) | | | 30,790 | | | | | | | U |
| 14 MH-60R (MYP) Less: Advance Procurement (PY) | А | 19 | (704,319) (-137,486) | 29 | (1,074,531) (-197,830) | | | 29 | (1,074,531) (-197,830) |) U |
| | | | 566,833 | | 876 , 701 | _ | | | 876 , 701 | |
| 15 MH-60R (MYP) Advance Procurement (CY) | | | 212,820 | | 106,686 | | | | 106,686 | U |
| 16 P-8A Poseidon Less: Advance Procurement (PY) | А | 16 | (3,183,543) (-300,679) | 9 | (2,283,803) (-161,116) | | | 9 | (2,283,803) (-161,116) |) U |
| | | | 2,882,864 | | 2,122,687 | | | | 2,122,687 | |
| 17 P-8A Poseidon Advance Procurement (CY) | | | 313,160 | | 48,457 | | | | 48,457 | U |
| 18 E-2D Adv Hawkeye Less: Advance Procurement (PY) | А | 5 | (1,068,588) (-123,016) | 5 | (1,044,691) (-125,500) | _ | | 5 | (1,044,691) (-125,500) |) U |
| | | | 945,572 | | 919,191 | | | | 919,191 | |
| 19 E-2D Adv Hawkeye | | | 262 622 | | 225 765 | | | | 225 765 | |
| Advance Procurement (CY) | | | 263,623 | | 225,765 | - | | | 225,765 | |
| Total Combat Aircraft | | | 12,054,307 | | 10,590,852 | | 30,000 | | 10,620,852 | |

09 Jan 2015

Appropriation: 1506N Aircraft Procurement, Navy

| Line | Ident | FY 2 Ba | | FY 20 OCO | 16 | | Y 2016 Total | S e |
|---|----------|------------|----------------------|--------------|------|------------|-------------------------|--------|
| No Item Nomenclature | Code | Quantity | Cost | Quantity | Cost | Quanti | 4 | |
| 10 H-1 Upgrades (UH-1Y/AH-1Z) Less: Advance Procurement (PY) | А | (| 863,411) -63,354) | | | 28 | (863,411 (-63,35 | 4) U |
| | | | 800,057 | | | | 800,05 | |
| 11 H-1 Upgrades (UH-1Y/AH-1Z) Advance Procurement (CY) | | | 56,168 | | | | 56,168 | 3 U |
| 12 MH-60S (MYP) Less: Advance Procurement (PY) | А | | (28,232) | | | | (28,232 | U |
| | | | 28,232 | | | | 28,232 | |
| 13 MH-60S (MYP) Advance Procurement (CY) | | | | | | | | U |
| 14 MH-60R (MYP) Less: Advance Procurement (PY) | A | (- | 185,423) 215,432) | | | 29 | (1,185,423 (-215,433 | 2) U |
| | | | 969,991 | | | | 969,99 | 1 |
| 15 MH-60R (MYP) Advance Procurement (CY) | | | | | | | | U |
| 16 P-8A Poseidon Less: Advance Procurement (PY) | А | (- | 196,221) 187,293) | | | 16 | (3,196,223 (-187,293 | 3) U |
| | | 3, | 008,928 | | | | 3,008,928 | 3 |
| 17 P-8A Poseidon Advance Procurement (CY) | | | 269,568 | | | | 269,568 | 3 U |
| 18 E-2D Adv Hawkeye Less: Advance Procurement (PY) | A | (- | 032,831) 175,177) | | | 5 | (1,032,833 (-175,17 | 7) U |
| | | | 857 , 654 | | | | 857 , 65 | |
| 19 E-2D Adv Hawkeye Advance Procurement (CY) | | | 195 , 336 | | | | 195,33 | |
| Total Combat Aircraft | | | 340,088 | | | | 10,340,088 | |

Total Obligational Authority 09 Jan 2015 (Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| Line | Ident | (Ba | Y 2014 se & OCO) | Base | 2015 Enacted | FY 2 OCO En | | Total | 7 2015 L Enacted | S e |
|--|----------|--------|-----------------------|----------|------------------------|----------------|---------|---------|------------------------|-------------|
| No Item Nomenclature | Code | Quanti | - | Quantity | | Quantity | Cost | Quantit | cy Cost | C - |
| Budget Activity 03: Trainer Aircraft | | | | | | | | | | |
| Trainer Aircraft | | | | | | | | | | |
| 20 JPATS | А | 29 | 249,080 | | | | | | | U |
| Total Trainer Aircraft | | | 249,080 | _ | | | | | | - |
| Budget Activity 04: Other Aircraft | | | | | | | | | | |
| Other Aircraft | | | | | | | | | | |
| 21 KC-130J Less: Advance Procurement (PY) | А | 1 | (79,673) (-10,615) | | (106,905) (-14,615) | | | 1 | (106,905) (-14,615) |) U |
| | | | 69,058 | _ | 92,290 | | | | 92,290 | |
| 22 KC-130J Advance Procurement (CY) | | | 32,288 | | | | | | | U |
| 23 MQ-4 Triton* Less: Advance Procurement (PY) | A | | | _ | | | | | | U U - |
| 24 MQ-4 Triton | | | | | | | | | | |
| Advance Procurement (CY) | | | | | 67 , 670 | | | | 67 , 670 | U |
| 25 MQ-8 UAV | В | 2 | 74,080 | 2 | 39,663 | 3 | 70,000 | 5 | 109,663 | Ū |
| 26 STUASLO UAV | | | | | | 3 | 55,000 | 3 | 55,000 | U |
| 27 Other Support Aircraft | | 1 | 14,958 | _ | | | | | | U - |
| Total Other Aircraft | | | 190,384 | | 199,623 | | 125,000 | | 324,623 | |

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54 * Reflects a FY 2013 Congressional rescission of Advance Procurement for MQ-4 Triton.

Page N-5 Volume 1 - xv

Department of the Navy FY 2016 President's Budget Exhibit P-1 FY 2016 President's Budget Total Obligational Authority

Total Obligational Authority 09 Jan 2015 (Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| Line | Ident | | 2016 ase | FY 20 | | FY 2016 Total | | S e |
|---|-------|----------|------------------------|----------|--------|------------------|----------------------|--------|
| No Item Nomenclature | Code | Quantity | | Quantity | Cost | Quantity | 7 Cost | C |
| Budget Activity 03: Trainer Aircraft | | | | | | | | |
| Trainer Aircraft | | | | | | | | |
| 20 JPATS | А | | 8,914 | | | | 8,914 | |
| Total Trainer Aircraft | | _ | 8,914 | | | - | 8,914 | |
| Budget Activity 04: Other Aircraft | | | | | | | | |
| Other Aircraft | | | | | | | | |
| 21 KC-130J Less: Advance Procurement (PY) | A | | (208,502) (-16,288) | | | | (208,502 (-16,288 |) U |
| | | - | 192,214 | | | _ | 192,214 | |
| 22 KC-130J Advance Procurement (CY) | | | 24,451 | | | | 24,451 | U |
| 23 MQ-4 Triton* Less: Advance Procurement (PY) | А | | (561,929) (-67,670) | | | | (561,929 (-67,670 |) U |
| | | _ | 494,259 | | | _ | 494,259 | |
| 24 MQ-4 Triton Advance Procurement (CY) | | | 54,577 | | | | 54 , 577 | U |
| 25 MQ-8 UAV | В | 2 | 120,020 | | | 2 | 120,020 | U |
| 26 STUASLO UAV | | | 3,450 | 3 | 55,000 | 3 | 58,450 | U |
| 27 Other Support Aircraft | | | | | | | | U |
| Total Other Aircraft | | - | 888 , 971 | | 55,000 | | 943,971 | |

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54 * Reflects a FY 2013 Congressional rescission of Advance Procurement for MQ-4 Triton.

cal Obligational Authority 09 Jan 2015 (Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| Line No Item Nomenclature | Ident Code | FY 2014 (Base & OCO) Quantity Cost | FY 2015 Base Enacted Quantity Cost | FY 2015 OCO Enacted Quantity Cost | FY 2015 S Total Enacted e Quantity Cost c |
|--|---------------|--|--|---|---|
| Budget Activity 05: Modification of Aircraft | | | | | |
| Modification of Aircraft | | | | | |
| 28 EA-6 Series | А | 17,367 | 10,993 | | 10,993 U |
| 29 AEA Systems | | 44,802 | 44,768 | | 44,768 U |
| 30 AV-8 Series | А | 96,712 | 61,722 | | 61,722 U |
| 31 Adversary | А | 2,992 | 4,918 | | 4,918 U |
| 32 F-18 Series | А | 755,974 | 705,830 | | 705,830 U |
| 33 H-46 Series | А | 2,033 | 480 | | 480 U |
| 34 H-53 Series | A | 53,172 | 36,619 | | 36,619 U |
| 35 SH-60 Series | А | 120,771 | 101,064 | | 101,064 U |
| 36 H-1 Series | А | 41,509 | 42,273 | | 42,273 U |
| 37 EP-3 Series | А | 108,776 | 32,890 | 34,955 | 67,845 U |
| 38 P-3 Series | А | 36,530 | 2,823 | | 2,823 U |
| 39 E-2 Series | А | 26,098 | 21,208 | | 21,208 U |
| 40 Trainer A/C Series | А | 4,166 | 12,608 | | 12,608 U |
| 41 C-2A | A | 885 | | | U |
| 42 C-130 Series | А | 46,325 | 35,522 | | 35,522 U |
| 43 FEWSG | А | 665 | 640 | | 640 U |
| 44 Cargo/Transport A/C Series | А | 17,487 | 4,035 | | 4,035 U |
| 45 E-6 Series | А | 157,528 | 202,129 | | 202,129 U |
| 46 Executive Helicopters Series | А | 65,537 | 68,128 | | 68,128 U |
| | | | | | |

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

Page N-6Volume 1 - xvii

(Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| Line | Ident | FY 2016 Base | FY 2016 OCO | FY 2016 Total | s e | |
|--|----------|-----------------|----------------|------------------|--------|--|
| No Item Nomenclature | Code | Quantity Cost | Quantity Cost | Quantity Cost | C - | |
| Budget Activity 05: Modification of Aircraft | | | | | | |
| Modification of Aircraft | | | | | | |
| 28 EA-6 Series | А | 9,799 | | 9,799 | U | |
| 29 AEA Systems | | 23,151 | | 23,151 | U | |
| 30 AV-8 Series | А | 41,890 | 41,365 | 83,255 | U | |
| 31 Adversary | А | 5,816 | | 5,816 | U | |
| 32 F-18 Series | А | 978,756 | 8,000 | 986 , 756 | U | |
| 33 H-46 Series | А | | | | U | |
| 34 H-53 Series | А | 46,887 | | 46,887 | U | |
| 35 SH-60 Series | А | 107,728 | | 107,728 | U | |
| 36 H-1 Series | А | 42,315 | | 42,315 | U | |
| 37 EP-3 Series | А | 41,784 | 6,300 | 48,084 | U | |
| 38 P-3 Series | А | 3,067 | | 3,067 | U | |
| 39 E-2 Series | А | 20,741 | | 20,741 | U | |
| 40 Trainer A/C Series | А | 27,980 | | 27,980 | U | |
| 41 C-2A | А | 8,157 | | 8,157 | U | |
| 42 C-130 Series | А | 70,335 | | 70,335 | U | |
| 43 FEWSG | А | 633 | | 633 | U | |
| 44 Cargo/Transport A/C Series | А | 8,916 | | 8,916 | U | |
| 45 E-6 Series | А | 185,253 | | 185,253 | U | |
| 46 Executive Helicopters Series | А | 76,138 | | 76,138 | U | |

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

Page N-Volume 1 - xviii

09 Jan 2015

al Obligational Authority 09 Jan 2015 (Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| Line | Ident | FY 2014 (Base & OCO) | FY 2015 Base Enacted | FY 2015 OCO Enacted | FY 2015 Total Enacted | s e |
|---|-------|-------------------------|-------------------------|------------------------|--------------------------|--------|
| No Item Nomenclature | Code | Quantity Cost | Quantity Cost | Quantity Cost | Quantity Cost | C - |
| 47 Special Project Aircraft | А | 17,059 | 21,317 | 2,548 | 23,865 | U |
| 48 T-45 Series | А | 93,086 | 90,052 | | 90,052 | U |
| 49 Power Plant Changes | А | 21,871 | 19,094 | | 19,094 | U |
| 50 JPATS Series | А | 1,576 | 1,085 | | 1,085 | U |
| 51 Common ECM Equipment | А | 178,610 | 152,744 | 31,920 | 184,664 | U |
| 52 Common Avionics Changes | А | 117,594 | 153,067 | | 153,067 | U |
| 53 Common Defensive Weapon System | А | 4,254 | 1,958 | | 1,958 | U |
| 54 ID Systems | А | 38,303 | 38,880 | | 38,880 | U |
| 55 P-8 Series | | 9,485 | 29,797 | | 29,797 | U |
| 56 MAGTF EW for Aviation | А | 34,131 | 14,770 | | 14,770 | U |
| 57 MQ-8 Series | | | 8,741 | | 8,741 | U |
| 58 RQ-7 Series | | 20,417 | | | | U |
| 59 V-22 (Tilt/Rotor ACFT) Osprey | В | 129,148 | 129,155 | | 129,155 | U |
| 60 F-35 STOVL Series | А | 111,158 | 215,819 | | 215,819 | U |
| 61 F-35 CV Series | А | 29,950 | 20,502 | | 20,502 | U |
| 62 QRC | А | | | | | U |
| Total Modification of Aircraft | | 2,405,971 | 2,285,631 | 69,423 | 2,355,054 | |
| Budget Activity 06: Aircraft Spares and Repair Part | S | | | | | |
| Aircraft Spares and Repair Parts | | | | | | |
| 63 Spares and Repair Parts | А | 1,087,330 | 1,208,651 | 18,000 | 1,226,651 | |
| Total Aircraft Spares and Repair Parts | | 1,087,330 | 1,208,651 | 18,000 | 1,226,651 | |

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

Page N-7 Volume 1 - xix

Total Obligational Authorit (Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| Line No Item Nomenclature | Ident Code | FY 2016 Base Quantity Cost | FY 2016 OCO Quantity Cost | FY 2016 Total Quantity Cost | S e c |
|--|---------------|----------------------------------|---------------------------------|-----------------------------------|-------------|
| 47.0 1.3 7.1 1.2 1.3 6. | | | 14 100 | | - |
| 47 Special Project Aircraft | A | 23,702 | 14,198 | 37,900 | U |
| 48 T-45 Series | A | 105,439 | | 105,439 | U |
| 49 Power Plant Changes | A | 9,917 | | 9,917 | U |
| 50 JPATS Series | А | 13,537 | | 13,537 | U |
| 51 Common ECM Equipment | A | 131,732 | 72,700 | 204,432 | U |
| 52 Common Avionics Changes | A | 202,745 | 13,988 | 216,733 | U |
| 53 Common Defensive Weapon System | A | 3,062 | | 3,062 | U |
| 54 ID Systems | А | 48,206 | | 48,206 | U |
| 55 P-8 Series | | 28,492 | | 28,492 | U |
| 56 MAGTF EW for Aviation | А | 7,680 | | 7,680 | U |
| 57 MQ-8 Series | | 22,464 | | 22,464 | U |
| 58 RQ-7 Series | | 3,773 | | 3,773 | U |
| 59 V-22 (Tilt/Rotor ACFT) Osprey | В | 121,208 | 4,900 | 126,108 | U |
| 60 F-35 STOVL Series | A | 256,106 | | 256,106 | U |
| 61 F-35 CV Series | A | 68 , 527 | | 68,527 | U |
| 62 QRC | A | 6,885 | | 6,885 | U |
| Total Modification of Aircraft | | 2,752,821 | 161,451 | 2,914,272 | _ |
| Budget Activity 06: Aircraft Spares and Repair Parts | 5 | | | | |
| Aircraft Spares and Repair Parts | | | | | |
| 63 Spares and Repair Parts | А | 1,563,515 | | 1,563,515 | |
| Total Aircraft Spares and Repair Parts | | 1,563,515 | | 1,563,515 | - |

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

Page N-7AVolume 1 - xx

09 Jan 2015

Department of the Navy FY 2016 President's Budget Exhibit P-1 FY 2016 President's Budget Total Obligational Authority

Total Obligational Authority 09 Jan 2015 (Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| | | FY 2014 | FY 2015 | FY 2015 | FY 2015 | S e |
|--|---------------|-------------------------------|-------------------------------|------------------------------|-----------------------------|--------|
| Line No Item Nomenclature | Ident Code | (Base & OCO) Quantity Cost | Base Enacted Quantity Cost | OCO Enacted Quantity Cost | Total Enacted Quantity Cost | |
| | | | | | | - |
| Budget Activity 07: Aircraft Support Equip & | Facilities | | | | | |
| Aircraft Support Equip & Facilities | | | | | | |
| 64 Common Ground Equipment | А | 359,068 | 366 , 359 | | 366 , 359 | U |
| 65 Aircraft Industrial Facilities | А | 24,250 | 23,843 | 936 | 24,779 | U |
| 66 War Consumables | А | 28,930 | 15,939 | | 15,939 | U |
| 67 Other Production Charges | А | 5,268 | 5,630 | | 5,630 | U |
| 68 Special Support Equipment | А | 41,506 | 60,339 | | 60,339 | U |
| 69 First Destination Transportation | А | 1,775 | 1,168 | | 1,168 | U |
| 70 Cancelled Account Adjustments | А | 513 | | | | U |
| Total Aircraft Support Equip & Facilities | | 461,310 | 473,278 | 936 | 474,214 | |
| Total Aircraft Procurement, Navy | | 16,448,382 | 14,758,035 | 243,359 | 15,001,394 | |

P-1C1: FY 2016 President's Budget (Published Version of PB Position), as of January 9, 2015 at 15:27:54

Page N-8 Volume 1 - xxi

Department of the Navy FY 2016 President's Budget Exhibit P-1 FY 2016 President's Budget Total Obligational Authority

Total Obligational Authority 09 Jan 2015 (Dollars in Thousands)

Appropriation: 1506N Aircraft Procurement, Navy

| Line | Ident | FY 2016 Base | FY 2016 OCO | FY 2016 Total | S e |
|---|-------|------------------|----------------|------------------|--------|
| No Item Nomenclature | Code | Quantity Cost | | | |
| Budget Activity 07: Aircraft Support Equip & Fa | | | | | _ |
| Aircraft Support Equip & Facilities | | | | | |
| 64 Common Ground Equipment | A | 450,959 | | 450,959 | U |
| 65 Aircraft Industrial Facilities | A | 24,010 | 943 | 24,953 | U |
| 66 War Consumables | A | 42,012 | | 42,012 | U |
| 67 Other Production Charges | A | 2,455 | | 2,455 | U |
| 68 Special Support Equipment | A | 50,859 | | 50,859 | U |
| 69 First Destination Transportation | A | 1,801 | | 1,801 | U |
| 70 Cancelled Account Adjustments | A | | | | U |
| Total Aircraft Support Equip & Facilities | | 572 , 096 | 943 | 573,039 | - |
| Total Aircraft Procurement, Navy | | 16,126,405 | 217,394 | 16,343,799 | - |

Navy • President's Budget Submission FY 2016 • Procurement

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

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title | Page |
|--------|----|-----|------------------|--|----------------|
| 1 | 01 | 01 | 0143 | EA-18G | Volume 1 - 1 |
| 2 | 01 | 01 | 0145 | FA-18E/F | Volume 1 - 11 |
| 3 | 01 | 01 | 0147 | Joint Strike Fighter CV | Volume 1 - 19 |
| 4 | 01 | 01 | 0147 | Joint Strike Fighter CV, Advance Procurement | Volume 1 - 31 |
| 5 | 01 | 01 | 0152 | JSF STOVL | Volume 1 - 35 |
| 6 | 01 | 01 | 0152 | JSF STOVL, Advance Procurement | Volume 1 - 47 |
| 7 | 01 | 01 | 0158 | CH-53K (Heavy Lift), Advance Procurement | Volume 1 - 51 |
| 8 | 01 | 01 | 0164 | V-22 (Medium Lift) | Volume 1 - 55 |
| 9 | 01 | 01 | 0164 | V-22 (Medium Lift), Advance Procurement | Volume 1 - 73 |
| 10 | 01 | 01 | 0178 | UH-1Y/AH-1Z | Volume 1 - 77 |
| 11 | 01 | 01 | 0178 | UH-1Y/AH-1Z, Advance Procurement | Volume 1 - 99 |
| 12 | 01 | 01 | 0179 | MH-60S (MYP) | Volume 1 - 105 |
| 13 | 01 | 01 | 0179 | MH-60S (MYP), Advance Procurement | |
| 14 | 01 | 01 | 0182 | MH-60R | Volume 1 - 117 |
| 15 | 01 | 01 | 0182 | MH-60R, Advance Procurement | Volume 1 - 127 |
| 16 | 01 | 01 | 0193 | P-8A Poseidon | Volume 1 - 131 |

Navy • President's Budget Submission FY 2016 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title Page |
|--------|----|-----|------------------|---|
| 17 | 01 | 01 | 0193 | P-8A Poseidon, Advance Procurement |
| 18 | 01 | 01 | 0195 | E-2D AHE |
| 19 | 01 | 01 | 0195 | E-2D AHE, Advance ProcurementVolume 1 - 159 |

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title Pag | e |
|--------|----|-----|------------------|---|----------|
| 20 | 03 | 01 | 0339 | JT Primary Acft Trnr Sys (JPATS)Volume 1 - 16 | 3 |

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title Page |
|--------|----|-----|------------------|----------------------------------|
| 21 | 04 | 01 | 0416 | KC-130J |
| 22 | 04 | 01 | 0416 | KC-130J, Advance Procurement |
| 23 | 04 | 01 | 0442 | MQ-4 TRITONVolume 1 - 189 |
| 24 | 04 | 01 | 0442 | MQ-4 TRITON, Advance Procurement |

Navy • President's Budget Submission FY 2016 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title Page |
|--------|----|-----|------------------|--------------------------------------|
| 25 | 04 | 01 | 0443 | MQ-8 UAVVolume 1 - 201 |
| 26 | 04 | 01 | 0444 | STUASLOVolume 1 - 213 |
| 27 | 04 | 01 | 0465 | Other Support AircraftVolume 1 - 221 |

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title Page |
|--------|----|-----|------------------|----------------------------|
| 28 | 05 | 01 | 0511 | EA-6 SeriesVolume 2 - 1 |
| 29 | 05 | 01 | 0513 | AEA SystemsVolume 2 - 17 |
| 30 | 05 | 01 | 0514 | AV-8 SeriesVolume 2 - 31 |
| 31 | 05 | 01 | 0522 | AdversaryVolume 2 - 61 |
| 32 | 05 | 01 | 0525 | F-18 Series |
| 33 | 05 | 01 | 0526 | H-46 Series |
| 34 | 05 | 01 | 0528 | H-53 Series |
| 35 | 05 | 01 | 0530 | SH-60 SeriesVolume 2 - 271 |
| 36 | 05 | 01 | 0532 | H-1 Series |
| 37 | 05 | 01 | 0537 | EP-3 SeriesVolume 2 - 349 |

Navy • President's Budget Submission FY 2016 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title | Page |
|--------|----|-----|------------------|----------------------------------|----------------|
| 38 | 05 | 01 | 0538 | P-3 Series | Volume 2 - 371 |
| 39 | 05 | 01 | 0544 | E-2 Series | Volume 2 - 413 |
| 40 | 05 | 01 | 0549 | Trainer Acft Series | Volume 2 - 465 |
| 41 | 05 | 01 | 0556 | C-2A | Volume 2 - 483 |
| 42 | 05 | 01 | 0560 | C-130 Series | Volume 2 - 497 |
| 43 | 05 | 01 | 0561 | Flt Elect Wrfr Supt Grp (FEWSG) | Volume 2 - 527 |
| 44 | 05 | 01 | 0562 | Cargo/Transport Acft Series | Volume 2 - 533 |
| 45 | 05 | 01 | 0564 | E-6 Series | Volume 2 - 557 |
| 46 | 05 | 01 | 0566 | Executive Helicopters Series | Volume 2 - 621 |
| 47 | 05 | 01 | 0567 | Special Project Acft | |
| 48 | 05 | 01 | 0569 | T-45 Series | Volume 2 - 677 |
| 49 | 05 | 01 | 0570 | Power Plant Changes | Volume 2 - 719 |
| 50 | 05 | 01 | 0571 | JT Primary Acft Trnr Sys (JPATS) | Volume 2 - 725 |
| 51 | 05 | 01 | 0576 | Common ECM Equipment | Volume 2 - 739 |
| 52 | 05 | 01 | 0577 | Common Avionics Changes | Volume 2 - 773 |
| 53 | 05 | 01 | 0581 | Common Defensive Weapon System | Volume 2 - 813 |
| 54 | 05 | 01 | 0582 | ID Sys | |
| 55 | 05 | 01 | 0586 | P-8 Series | Volume 2 - 829 |

Navy • President's Budget Submission FY 2016 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title Page | ge |
|--------|----|-----|------------------|-------------------------------|----|
| 56 | 05 | 01 | 0587 | MAGTF EW for Aviation | 53 |
| 57 | 05 | 01 | 0588 | MQ-8 SeriesVolume 2 - 8 | 65 |
| 58 | 05 | 01 | 0589 | RQ-7 Series | 77 |
| 59 | 05 | 01 | 0590 | V-22 (Tilt/Rotor Acft) Osprey | 83 |
| 60 | 05 | 01 | 0592 | F-35 STOVL Series | 27 |
| 61 | 05 | 01 | 0593 | F-35 CV SeriesVolume 2 - 9 | 47 |
| 62 | 05 | 01 | 0595 | QRC | 67 |

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title | Page |
|--------|----|-----|------------------|-----------------------------|-----------|
| 63 | 06 | 01 | 0605 | Spares and Repair PartsVolu | ıme 3 - 1 |

Navy • President's Budget Submission FY 2016 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title | Page |
|--------|----|-----|------------------|----------------------------------|---------------|
| 64 | 07 | 01 | 0705 | Common Ground Equipment | Volume 4 - 1 |
| 65 | 07 | 01 | 0715 | Aircraft Industrial Facilities | Volume 4 - 61 |
| 66 | 07 | 01 | 0720 | War Consumables | Volume 4 - 67 |
| 67 | 07 | 01 | 0725 | Other Production Charges | Volume 4 - 79 |
| 68 | 07 | 01 | 0735 | Special Support Equipment | Volume 4 - 83 |
| 69 | 07 | 01 | 0740 | First Destination Transportation | Volume 4 - 85 |

Navy • President's Budget Submission FY 2016 • Procurement

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

| Line Item Title | Line Item Number | Line # | ВА | BSA Page |
|--|------------------|--------|----|-------------------|
| AEA Systems | 0513 | 29 | 05 | 01Volume 2 - 17 |
| AV-8 Series | 0514 | 30 | 05 | 01Volume 2 - 31 |
| Adversary | 0522 | 31 | 05 | 01Volume 2 - 61 |
| Aircraft Industrial Facilities | 0715 | 65 | 07 | 01Volume 4 - 61 |
| C-130 Series | 0560 | 42 | 05 | 01Volume 2 - 497 |
| C-2A | 0556 | 41 | 05 | 01Volume 2 - 483 |
| CH-53K (Heavy Lift), Advance Procurement | 0158 | 7 | 01 | 01Volume 1 - 51 |
| Cargo/Transport Acft Series | 0562 | 44 | 05 | 01 Volume 2 - 533 |
| Common Avionics Changes | 0577 | 52 | 05 | 01 Volume 2 - 773 |
| Common Defensive Weapon System | 0581 | 53 | 05 | 01 Volume 2 - 813 |
| Common ECM Equipment | 0576 | 51 | 05 | 01Volume 2 - 739 |
| Common Ground Equipment | 0705 | 64 | 07 | 01Volume 4 - 1 |
| E-2 Series | 0544 | 39 | 05 | 01 Volume 2 - 413 |
| E-2D AHE | 0195 | 18 | 01 | 01Volume 1 - 147 |
| E-2D AHE, Advance Procurement | 0195 | 19 | 01 | 01Volume 1 - 159 |
| E-6 Series | 0564 | 45 | 05 | 01Volume 2 - 557 |
| EA-18G | 0143 | 1 | 01 | 01Volume 1 - 1 |

UNCLASSIFIEDNavy • President's Budget Submission FY 2016 • Procurement

| Line Item Title | Line Item Number | Line # | ВА | BSA | Page |
|--|------------------|--------|----|-----|----------------|
| EA-6 Series | 0511 | 28 | 05 | 01 | Volume 2 - 1 |
| EP-3 Series | 0537 | 37 | 05 | 01 | Volume 2 - 349 |
| Executive Helicopters Series | 0566 | 46 | 05 | 01 | Volume 2 - 621 |
| F-18 Series | 0525 | 32 | 05 | 01 | Volume 2 - 73 |
| F-35 CV Series | 0593 | 61 | 05 | 01 | Volume 2 - 947 |
| F-35 STOVL Series | 0592 | 60 | 05 | 01 | Volume 2 - 927 |
| FA-18E/F | 0145 | 2 | 01 | 01 | Volume 1 - 11 |
| First Destination Transportation | 0740 | 69 | 07 | 01 | Volume 4 - 85 |
| Flt Elect Wrfr Supt Grp (FEWSG) | 0561 | 43 | 05 | 01 | Volume 2 - 527 |
| H-1 Series | 0532 | 36 | 05 | 01 | Volume 2 - 319 |
| H-46 Series | 0526 | 33 | 05 | 01 | Volume 2 - 199 |
| H-53 Series | 0528 | 34 | 05 | 01 | Volume 2 - 209 |
| ID Sys | 0582 | 54 | 05 | 01 | Volume 2 - 821 |
| JSF STOVL | 0152 | 5 | 01 | 01 | Volume 1 - 35 |
| JSF STOVL, Advance Procurement | 0152 | 6 | 01 | 01 | Volume 1 - 47 |
| JT Primary Acft Trnr Sys (JPATS) | 0339 | 20 | 03 | 01 | Volume 1 - 163 |
| JT Primary Acft Trnr Sys (JPATS) | 0571 | 50 | 05 | 01 | Volume 2 - 725 |
| Joint Strike Fighter CV | 0147 | 3 | 01 | 01 | Volume 1 - 19 |
| Joint Strike Fighter CV, Advance Procurement | 0147 | 4 | 01 | 01 | Volume 1 - 31 |
| KC-130J | 0416 | 21 | 04 | 01 | Volume 1 - 173 |
| | | | | | |

UNCLASSIFIEDNavy • President's Budget Submission FY 2016 • Procurement

| Line Item Title | Line Item Number | Line # | ВА | BSA F | Page |
|------------------------------------|------------------|--------|----|--------------|-------|
| KC-130J, Advance Procurement | 0416 | 22 | 04 | 01Volume 1 - | - 185 |
| MAGTF EW for Aviation | 0587 | 56 | 05 | 01Volume 2 - | - 853 |
| MH-60R | 0182 | 14 | 01 | 01Volume 1 - | - 117 |
| MH-60R, Advance Procurement | 0182 | 15 | 01 | 01Volume 1 - | - 127 |
| MH-60S (MYP) | 0179 | 12 | 01 | 01Volume 1 - | - 105 |
| MH-60S (MYP), Advance Procurement | 0179 | 13 | 01 | 01Volume 1 - | - 113 |
| MQ-4 TRITON | 0442 | 23 | 04 | 01Volume 1 - | - 189 |
| MQ-4 TRITON, Advance Procurement | 0442 | 24 | 04 | 01Volume 1 - | - 197 |
| MQ-8 Series | 0588 | 57 | 05 | 01Volume 2 - | - 865 |
| MQ-8 UAV | 0443 | 25 | 04 | 01Volume 1 - | - 201 |
| Other Production Charges | 0725 | 67 | 07 | 01Volume 4 | - 79 |
| Other Support Aircraft | 0465 | 27 | 04 | 01Volume 1 - | - 221 |
| P-3 Series | 0538 | 38 | 05 | 01Volume 2 - | - 371 |
| P-8 Series | 0586 | 55 | 05 | 01Volume 2 - | - 829 |
| P-8A Poseidon | 0193 | 16 | 01 | 01Volume 1 - | - 131 |
| P-8A Poseidon, Advance Procurement | 0193 | 17 | 01 | 01Volume 1 - | - 143 |
| Power Plant Changes | 0570 | 49 | 05 | 01Volume 2 - | - 719 |
| QRC | 0595 | 62 | 05 | 01Volume 2 - | - 967 |
| RQ-7 Series | 0589 | 58 | 05 | 01Volume 2 - | - 877 |
| SH-60 Series | 0530 | 35 | 05 | 01Volume 2 - | - 271 |

UNCLASSIFIED

Navy • President's Budget Submission FY 2016 • Procurement

| Line Item Title | Line Item Number | Line # | ВА | BSA | Page |
|---|------------------|--------|----|-----|----------------|
| STUASLO | 0444 | 26 | 04 | 01 | Volume 1 - 213 |
| Spares and Repair Parts | 0605 | 63 | 06 | 01 | Volume 3 - 1 |
| Special Project Acft | 0567 | 47 | 05 | 01 | Volume 2 - 665 |
| Special Support Equipment | 0735 | 68 | 07 | 01 | Volume 4 - 83 |
| T-45 Series | 0569 | 48 | 05 | 01 | Volume 2 - 677 |
| Trainer Acft Series | 0549 | 40 | 05 | 01 | Volume 2 - 465 |
| UH-1Y/AH-1Z | 0178 | 10 | 01 | 01 | Volume 1 - 77 |
| UH-1Y/AH-1Z, Advance Procurement | 0178 | 11 | 01 | 01 | Volume 1 - 99 |
| V-22 (Medium Lift) | 0164 | 8 | 01 | 01 | Volume 1 - 55 |
| V-22 (Medium Lift), Advance Procurement | 0164 | 9 | 01 | 01 | Volume 1 - 73 |
| V-22 (Tilt/Rotor Acft) Osprey | 0590 | 59 | 05 | 01 | Volume 2 - 883 |
| War Consumables | 0720 | 66 | 07 | 01 | Volume 4 - 67 |

Navy • President's Budget Submission FY 2016 • Procurement

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

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title | Page |
|--------|----|-----|------------------|--|----------------|
| 1 | 01 | 01 | 0143 | EA-18G | |
| 2 | 01 | 01 | 0145 | FA-18E/F | Volume 1 - 11 |
| 3 | 01 | 01 | 0147 | Joint Strike Fighter CV | Volume 1 - 19 |
| 4 | 01 | 01 | 0147 | Joint Strike Fighter CV, Advance Procurement | Volume 1 - 31 |
| 5 | 01 | 01 | 0152 | JSF STOVL | Volume 1 - 35 |
| 6 | 01 | 01 | 0152 | JSF STOVL, Advance Procurement | Volume 1 - 47 |
| 7 | 01 | 01 | 0158 | CH-53K (Heavy Lift), Advance Procurement | Volume 1 - 51 |
| 8 | 01 | 01 | 0164 | V-22 (Medium Lift) | Volume 1 - 55 |
| 9 | 01 | 01 | 0164 | V-22 (Medium Lift), Advance Procurement | Volume 1 - 73 |
| 10 | 01 | 01 | 0178 | UH-1Y/AH-1Z | Volume 1 - 77 |
| 11 | 01 | 01 | 0178 | UH-1Y/AH-1Z, Advance Procurement | Volume 1 - 99 |
| 12 | 01 | 01 | 0179 | MH-60S (MYP) | Volume 1 - 105 |
| 13 | 01 | 01 | 0179 | MH-60S (MYP), Advance Procurement | Volume 1 - 113 |
| 14 | 01 | 01 | 0182 | MH-60R | Volume 1 - 117 |
| 15 | 01 | 01 | 0182 | MH-60R, Advance Procurement | Volume 1 - 127 |
| 16 | 01 | 01 | 0193 | P-8A Poseidon | Volume 1 - 131 |

Navy • President's Budget Submission FY 2016 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title Page |
|--------|----|-----|------------------|---|
| 17 | 01 | 01 | 0193 | P-8A Poseidon, Advance Procurement |
| 18 | 01 | 01 | 0195 | E-2D AHE |
| 19 | 01 | 01 | 0195 | E-2D AHE, Advance ProcurementVolume 1 - 159 |

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title Pag | e |
|--------|----|-----|------------------|---|----------|
| 20 | 03 | 01 | 0339 | JT Primary Acft Trnr Sys (JPATS)Volume 1 - 16 | 3 |

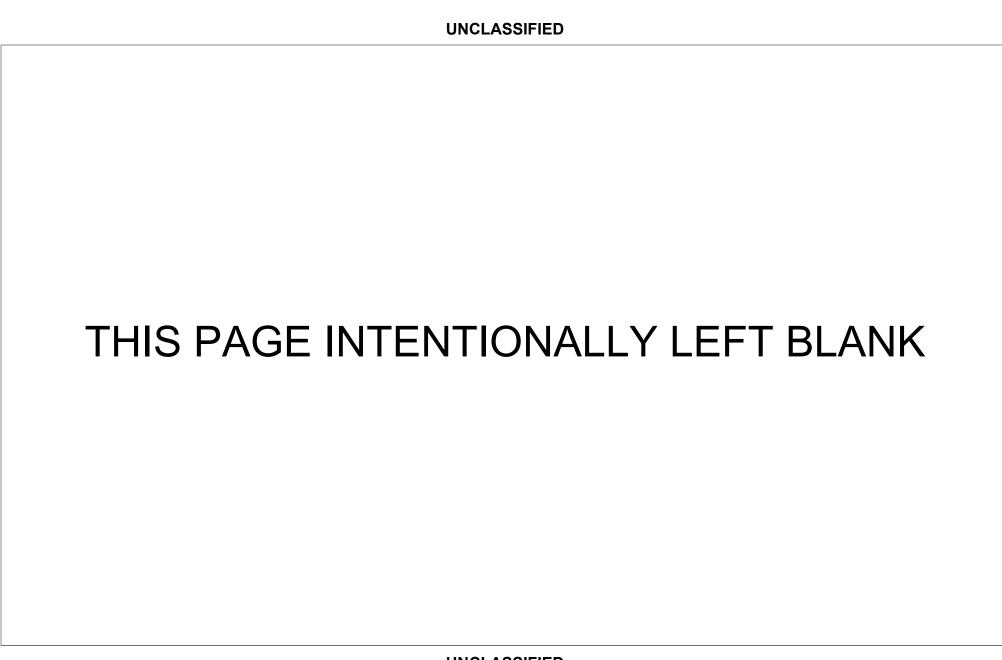
Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title Page |
|--------|----|-----|------------------|--|
| 21 | 04 | 01 | 0416 | KC-130J |
| 22 | 04 | 01 | 0416 | KC-130J, Advance Procurement |
| 23 | 04 | 01 | 0442 | MQ-4 TRITONVolume 1 - 189 |
| 24 | 04 | 01 | 0442 | MQ-4 TRITON, Advance ProcurementVolume 1 - 197 |

Navy • President's Budget Submission FY 2016 • Procurement

Appropriation 1506N: Aircraft Procurement, Navy

| Line # | ВА | BSA | Line Item Number | Line Item Title | Page |
|--------|----|-----|------------------|------------------------------|---------|
| 25 | 04 | 01 | 0443 | MQ-8 UAVVolume 1 | 1 - 201 |
| 26 | 04 | 01 | 0444 | STUASLOVolume 1 | 1 - 213 |
| 27 | 04 | 01 | 0465 | Other Support AircraftVolume | 1 - 221 |



Navy • President's Budget Submission FY 2016 • Procurement

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

| Line Item Title | Line Item Number | Line # | ВА | BSA Page |
|--|------------------|--------|----|-------------------|
| CH-53K (Heavy Lift), Advance Procurement | 0158 | 7 | 01 | 01Volume 1 - 51 |
| E-2D AHE | 0195 | 18 | 01 | 01Volume 1 - 147 |
| E-2D AHE, Advance Procurement | 0195 | 19 | 01 | 01 Volume 1 - 159 |
| EA-18G | 0143 | 1 | 01 | 01Volume 1 - 1 |
| FA-18E/F | 0145 | 2 | 01 | 01 Volume 1 - 11 |
| JSF STOVL | 0152 | 5 | 01 | 01Volume 1 - 35 |
| JSF STOVL, Advance Procurement | 0152 | 6 | 01 | 01Volume 1 - 47 |
| JT Primary Acft Trnr Sys (JPATS) | 0339 | 20 | 03 | 01Volume 1 - 163 |
| Joint Strike Fighter CV | 0147 | 3 | 01 | 01Volume 1 - 19 |
| Joint Strike Fighter CV, Advance Procurement | 0147 | 4 | 01 | 01Volume 1 - 31 |
| KC-130J | 0416 | 21 | 04 | 01Volume 1 - 173 |
| KC-130J, Advance Procurement | 0416 | 22 | 04 | 01Volume 1 - 185 |
| MH-60R | 0182 | 14 | 01 | 01 Volume 1 - 117 |
| MH-60R, Advance Procurement | 0182 | 15 | 01 | 01 Volume 1 - 127 |
| MH-60S (MYP) | 0179 | 12 | 01 | 01 Volume 1 - 105 |
| MH-60S (MYP), Advance Procurement | 0179 | 13 | 01 | 01 Volume 1 - 113 |
| MQ-4 TRITON | 0442 | 23 | 04 | 01Volume 1 - 189 |

UNCLASSIFIED

UNCLASSIFIEDNavy • President's Budget Submission FY 2016 • Procurement

| Line Item Title | Line Item Number | Line # | ВА | BSA | Page |
|---|------------------|--------|----|-----|----------------|
| MQ-4 TRITON, Advance Procurement | 0442 | 24 | 04 | 01 | Volume 1 - 197 |
| MQ-8 UAV | 0443 | 25 | 04 | 01 | Volume 1 - 201 |
| Other Support Aircraft | 0465 | 27 | 04 | 01 | Volume 1 - 221 |
| P-8A Poseidon | 0193 | 16 | 01 | 01 | Volume 1 - 131 |
| P-8A Poseidon, Advance Procurement | 0193 | 17 | 01 | 01 | Volume 1 - 143 |
| STUASLO | 0444 | 26 | 04 | 01 | Volume 1 - 213 |
| UH-1Y/AH-1Z | 0178 | 10 | 01 | 01 | Volume 1 - 77 |
| UH-1Y/AH-1Z, Advance Procurement | 0178 | 11 | 01 | 01 | Volume 1 - 99 |
| V-22 (Medium Lift) | 0164 | 8 | 01 | 01 | Volume 1 - 55 |
| V-22 (Medium Lift), Advance Procurement | 0164 | 9 | 01 | 01 | Volume 1 - 73 |

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0143 / EA-18G

Aircraft

Line Item MDAP/MAIS Code: 378

Program Elements for Code B Items: 0204154N Other Related Program Elements: 0204136N, 0604270N, ID Code (A=Service Ready, B=Not Service Ready) : A

Item MDAP/MAIS Code(s):

0604269N

| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
|---|--------------|------------------|-------------------|------------------|------------------|------------------|------------------|----------------|---------|---------|----------|-------------|
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Procurement Quantity (Units in Each) | 114 | 21 | 15 | - | - | - | - | - | - | - | - | 150 |
| Gross/Weapon System Cost (\$ in Millions) | 11,991.931 | 1,884.859 | 1,503.547 | - | - | - | - | - | - | - | - | 15,380.337 |
| Less PY Advance Procurement (\$ in Millions) | 248.686 | 44.941 | - | - | - | - | - | - | - | - | - | 293.627 |
| Net Procurement (P1) (\$ in Millions) | 11,743.245 | 1,839.918 | 1,503.547 | - | - | - | - | - | - | - | - | 15,086.710 |
| Plus CY Advance Procurement (\$ in Millions) | 293.627 | - | - | - | - | - | - | - | - | - | - | 293.627 |
| Total Obligation Authority (\$ in Millions) | 12,036.872 | 1,839.918 | 1,503.547 | - | - | - | - | - | - | - | - | 15,380.337 |
| (The following | Resource Sum | mary rows are fo | r informational p | urposes only. Tl | he corresponding | g budget request | ts are documente | ed elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | 10.203 | - | - | - | - | - | - | - | - | - | 10.203 |
| Flyaway Unit Cost (\$ in Thousands) | 98,405.763 | 72,276.667 | 86,890.467 | - | - | - | - | - | - | - | - | 93,596.160 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 105,192.377 | 89,755.190 | 100,236.467 | - | - | - | - | - | - | - | - | 102,535.580 |

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.

UNCLASSIFIED LI 0143 - EA-18G **Volume 1 - 1** Page 1 of 9 P-1 Line #1 Navy

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0143 / EA-18G

Aircraft

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items: 0204154N

Other Related Program Elements: 0204136N, 0604270N,

0604269N

Line Item MDAP/MAIS Code: 378

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / EA-18G | P-5, P-5a, P-21 | | 114 / 11,991.931 | 21 / 1,884.859 | 15 / 1,503.547 | - / - | - / - | - / - |
| Total Gross/Weapon System Cost | | | 114 / 11,991.931 | 21 / 1,884.859 | 15 / 1,503.547 | - 1 - | - 1 - | - 1 - |

*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 add due to rounding.

Justification

Since the EA-18G is a modified F/A-18F, some support costs are common and more efficiently executed out of one budget line. These common costs are budgeted in the F/A-18 E/F budget line.

The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack (AEA) kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION. The 3 EA-18G Growler airframes and AEA kit quantities are noted in the PB14 FY13 EA-18G Budget as Lot 37A on the Boeing contract. A deobligation of \$27 million on the FY13 EA-18G Growler Boeing MYPIII Lot 37 airframe contract was authorized to re-allocate for the procurement of the engines, engines accessories, Government Furnished Equipment (GFE) Electronics, Other GFE and Ancillary Equipment to support the 3 EA-18G.

The FY15 Peculiar Ground Support Equipment funding is part of an on-going Total Ownership Cost (TOC) initiative that provided funding for EA-18G I-level maintenance. The FY15 funding will be used for EA-18G Depot Standup. This effort establishes depot capability for repair of the Airborne Electronic Attack system to include ALQ-218, ALQ-227, Interference Cancellation System (INCANS), and Electronic Attack Unit. This facilitates organic test and repair for Weapon Replaceable Assemblies and Shop Replaceable Assemblies. This investment has reduced Airborne Electronic Attack system life cycle costs by \$1 Billion over the life of the program.

FY15 Congressional Addition of 15 EA-18G for \$1.46 Billion

UNCLASSIFIED
Page 2 of 9

P-1 Line #1 Volume 1 - 2

Exhibit P-5, Cost Analysis: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 01 / 1

P-1 Line Item Number / Title:
0143 / EA-18G

Item Number / Title [DODIC]:
1 / EA-18G

| ID Code (A=Service Ready, B=Not Service Ready) : | | М | DAP/MAIS Code: | | | |
|--|-----------------------------|--------------------------|----------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 114 | 21 | 15 | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 11,991.931 | 1,884.859 | 1,503.547 | - | - | - |
| Less PY Advance Procurement (\$ in Millions) | 248.686 | 44.941 | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 11,743.245 | 1,839.918 | 1,503.547 | - | - | - |
| Plus CY Advance Procurement (\$ in Millions) | 293.627 | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 12,036.872 | 1,839.918 | 1,503.547 | - | - | - |
| (The following Resource Summary rows are for informati | onal purposes only. The cor | responding budget reques | ts are documented elsewher | re.) | | ? |
| Initial Spares (\$ in Millions) | - | 10.203 | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 105,192.377 | 89,755.190 | 100,236.467 | - | - | - |

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

| Cost Cost | | Pi | rior Years | ; | | FY 2014 | | | FY 2015 | | FY | ' 2016 Ba | se | FY | ' 2016 OC | 0 | FY | 2016 Tot | .al |
|---|------------------------------------|------------|------------|------------|------------|---------|-----------|------------|---------|-----------|----|-----------|------|----|-----------|------|----|----------|-------------------------|
| Recurring Cost 1.1.1) Airframe/CFE ⁽¹⁾ 34.412.952 126 4.336.032 46.140.857 21 968.958 51.539.067 15 773.086 | | | | Cost | | | Cost | | | Cost | | | Cost | | | Cost | | | Total Cost (\$ M) |
| 1.1.1) Airframe/CFE ⁽¹⁾ 34,412.952 126 4,336.032 46,140.857 21 968.958 51,539.067 15 773.086 | Flyaway Cost | · | , | | , | | | | | | , | | | | | | | | |
| (1) | Recurring Cost | | | | | | | | | | | | | | | | | | |
| (2) 18,614.105 114 2,122.008 12,163.667 21 255.437 16,431.000 15 246.465 | 1.1.1) Airframe/CFE ^(†) | 34,412.952 | 126 | 4,336.032 | 46,140.857 | 21 | 968.958 | 51,539.067 | 15 | 773.086 | - | - | - | - | - | - | - | - | |
| (3) 1,569.043 117 183.578 1,769.381 21 37.157 1,949.333 15 29.240 | | 18,614.105 | 114 | 2,122.008 | 12,163.667 | 21 | 255.437 | 16,431.000 | 15 | 246.465 | - | - | - | - | - | - | - | - | |
| Acc ^(†) (4) | | 1,569.043 | 117 | 183.578 | 1,769.381 | 21 | 37.157 | 1,949.333 | 15 | 29.240 | - | - | - | - | - | - | - | - | |
| 1.1.6) Other GFE (5) 705.043 117 82.490 851.333 21 17.878 922.200 15 13.833 | | 15,373.101 | 258 | 3,966.260 | 3,763.238 | 42 | 158.056 | 5,284.733 | 30 | 158.542 | - | - | - | - | - | - | - | - | |
| 1.1.7) Rec Flyaway | 1.1.5) Armament | - | - | 0.539 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ECO 654.000 114 74.556 587.143 21 12.330 1,359.400 15 20.391 | 1.1.6) Other GFE ⁽⁵⁾ | 705.043 | 117 | 82.490 | 851.333 | 21 | 17.878 | 922.200 | 15 | 13.833 | - | - | - | - | - | - | - | - | |
| Non Recurring Cost 1.2.1) Non-Recur Cost - 94.335 | | 654.000 | 114 | 74.556 | 587.143 | 21 | 12.330 | 1,359.400 | 15 | 20.391 | - | - | - | - | - | - | - | - | |
| 1.2.1) Non-Recur Cost - 94.335 | Subtotal: Recurring Cost | - | - | 10,765.463 | - | - | 1,449.816 | - | - | 1,241.557 | - | - | - | - | - | - | - | - | |
| 1.2.2) Ancillary Equip (6) 358.459 67.994 61.800 | Non Recurring Cost | | | | | • | | | | | | | | | | | , | | |
| (6) 358.459 67.994 61.800 | 1.2.1) Non-Recur Cost | - | - | 94.335 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Cost 452.794 67.994 61.800 | | - | - | 358.459 | - | - | 67.994 | - | - | 61.800 | - | - | - | - | - | - | - | - | |
| Subtotal: Flyaway Cost 11,218.257 1,517.810 1,303.357 | | - | - | 452.794 | - | - | 67.994 | - | - | 61.800 | - | - | - | - | - | - | - | - | |
| | Subtotal: Flyaway Cost | - | - | 11,218.257 | - | - | 1,517.810 | - | - | 1,303.357 | - | - | - | - | - | - | - | - | |

UNCLASSIFIED
Page 3 of 9

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|---|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1 | P-1 Line Item Number / Title: 0143 / EA-18G | Item Number / Title [DODIC]: 1 / EA-18G |
| ID Code (A=Service Ready, B=Not Service Ready) : | MDAP/MAIS Code: | |

Note: Subtotals or Totals in this Exhibit D.F. may not be exact or add, due to rounding

| | F | Prior Years | S | | FY 2014 | | | FY 2015 | | F۱ | / 2016 Ba | se | FY | 2016 OC | 0 | FY | ' 2016 Tot | al |
|-----------------------------|-------------|---------------|-------------------------|------------|----------------------|-------------------------|-------------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.1) Airframe PGSE | - | - | 31.025 | - | - | 16.759 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.2) Engine PGSE | - | - | 1.229 | - | - | 1.251 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.3) Avionics PGSE (7) | - | - | 225.487 | - | - | 75.228 | - | - | 43.547 | - | - | - | - | - | - | - | - | - |
| 2.4) Pec Trng Eq | - | - | 137.617 | - | - | - | - | - | 1.068 | - | - | - | - | - | - | - | - | - |
| 2.5) Pub/Tech Eq | - | - | 22.576 | - | - | 6.089 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.6) Prod Eng Supt (8) | - | - | 261.807 | - | - | 157.213 | - | - | 85.721 | - | - | - | - | - | - | - | - | - |
| 2.7) Other ILS (9) | - | - | 93.933 | - | - | 110.509 | - | - | 69.854 | - | - | - | - | - | - | - | - | - |
| Subtotal: Support Cost | - | - | 773.674 | - | - | 367.049 | - | - | 200.190 | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost | 105,192.377 | 114 | 11,991.931 | 89,755.190 | 21 | 1.884.859 | 100,236.467 | 15 | 1,503.547 | _ | _ | _ | _ | _ | _ | _ | _ | _ |

^(†) indicates the presence of a P-5a

Footnotes:

- (1) Airframe/CFE: The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION.
- (2) CFE Electronics: Airframe (line 1) and CFE (line 2) are combined as one negotiated average unit price. The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION.
- (3) GFE Electronics: FY13 includes all the GFE Electronics for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement.
- (4) Engines/Eng Acc: FY13 includes six (6) engines and engines accessories for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement.
- (5) Other GFE: FY13 includes all the Other GFE for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement.
- (6) Ancillary Equipment: FY13 includes all the Ancillary Equipment for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement.
- (7) Avionics PGSE: FY15 is for depot capability for repair of the Airborne Electronic Attack system to include ALQ-218, ALQ-227, Interference Cancellation System, and Electronic Attack Unit. This facilitates organic test and repair for Weapon Replaceable Assemblies and Shop Replaceable Assemblies. This investment has reduced Airborne Electronic Attack system life cycle costs by \$1 billion over the life of the program.
- (8) Production Engineering Support: Per OSD direction, the F/A-18E/F and EA-18G APN-1 budgets were split during the OSD-05 budget development (October 2003) and as directed, all F/A-18E/F and EA-18G common support costs have been budgeted in the F/A-18E/F APN-1 budget. There are no FY14 F/A-18E/F procurements programmed: the increase to the EA-18G Production Engineering and Other Integrated Logistics Support cost elements reflect the full funding of all EA-18G costs necessary to support delivery of the programmed procurements.
- (9) Integrated Logistics Support: Per OSD direction, the F/A-18E/F and EA-18G APN-1 budgets were split during the OSD-05 budget development (October 2003) and as directed, all F/A-18E/F and EA-18G common support costs have been budgeted in the F/A-18E/F APN-1 budget. There are no FY14 F/A-18E/F procurements programmed; the increase to the EA-18G Production Engineering and Other ILS cost elements reflect the full funding of all EA-18G costs necessary to support delivery of the programmed procurements.

UNCLASSIFIED LI 0143 - EA-18G **Volume 1 - 4** Page 4 of 9 P-1 Line #1 Navy

| Exhibit P-5a, Procurement History and Planning: PB 2016 N | avy | Date: February 2015 |
|---|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0143 / EA-18G | 1 / EA-18G |

| | 0 | | · | Method/Type or | | Award | Date of First | Qty | Unit Cost | Specs Avail | Date Revision | RFP Issue |
|---------------------------------------|---|--------------|----------------------------------|-------------------|-----------------|----------|---------------|--------|------------|----------------|------------------|--------------|
| Cost Elements | 0 | FY | Contractor and Location | Funding Vehicle | Location of PCO | Date | Delivery | (Each) | (\$ K) | Now? | Available | Date |
| 1.1.1) Airframe/CFE ^(†) | | 2013 (10) | Boeing Co. / St. Louis, MO | SS / FPIF | NAVAIR | Nov 2012 | Sep 2014 | 12 | 33,388.833 | Y | | |
| 1.1.1) Airframe/CFE ^(†) | | 2014 (11) | Boeing Co. / St. Louis, MO | SS / FPIF | NAVAIR | Jun 2014 | Apr 2016 | 21 | 46,140.857 | Y | | |
| 1.1.1) Airframe/CFE ^(†) | | 2015 (12) | Boeing Co. / St. Louis, MO | SS / FPIF | NAVAIR | Mar 2015 | May 2017 | 15 | 51,539.067 | N | | |
| 1.1.4) Engines/Eng Acc ^(†) | | 2013 (13) | General Electric, Co. / Lynn, MA | SS / FFP | NAVAIR | Dec 2012 | May 2014 | 30 | 4,225.033 | N | | |
| 1.1.4) Engines/Eng Acc ^(†) | | 2014 | General Electric, Co. / Lynn, MA | SS/FFP | NAVAIR | Aug 2014 | Sep 2015 | 42 | 3,763.238 | N | | |
| 1.1.4) Engines/Eng Acc ^(†) | | 2015 (14) | General Electric, Co. / Lynn, MA | SS / FPIF | NAVAIR | Mar 2015 | May 2016 | 30 | 5,284.733 | N | | |

^(†) indicates the presence of a P-21

Footnotes:

LI 0143 - EA-18G
Navy

UNCLASSIFIED
Page 5 of 9
P-1 Line #1

Volume 1 - 5

⁽¹⁰⁾ The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack (AEA) kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION. The FY13 3 EA-18G (Lot 37A) Airframes are expected to be delivered by November 2016.

⁽¹¹⁾ Breaks in deliveries are accomodated by the EA-18G Foreign Military Sales (FMS)/Royal Australian Air Force (RAAF) production deliveries.

⁽¹²⁾ Notional Schedule.

⁽¹³⁾ FY13 funds will be used to procure the six (6) engines and engines accessories for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement. The six (6) engines for the 3 EA-18G aircrafts are expected to be delivered by September 2016.

⁽¹⁴⁾ Notional Schedule

| Exh | ibit F | P-21, Pro | oducti | on Sc | hedul | le: Pi | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | 5 | | | |
|-------------------|---------|---------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | iation / 01 / 1 | Budge | et Acti | vity / | Budç | get Sı | ub Ac | tivity | : | | | Item 4-180 | | ber / | Title: | | | | | | | | Num A-18 | | Title | [DOI | DIC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal Y | ear 2013 | | | | | | | | | | | Fiscal Y | ear 2014 | | | | | | |
| | | | | ACCEPT | | | _ | | | | | | C | alendar | Year 201 | 3 | | | | | | | | Calen | dar Year | 2014 | | | | |
| 0 F C R O # | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2012 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1.1.1) | Airfram | e/CFE ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | eliveries: 114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2013 | NAVY | 12 | - | 12 | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 11 |
| 1 | 2014 | NAVY | 21 ⁽¹⁵⁾ | - | 21 | | | | | | | | | | | | | | | | | | | | | Α - | - | - | - | 2 |
| 1 | 2015 | NAVY | 15 ⁽¹⁶⁾ | - | 15 | | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| 1.1.4) | Engines | s/Eng Acc (4) | | | | | | | | | | | | | | | | | 1 | | | | l . | | | | | | | |
| | | eliveries: 228 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2013 | NAVY | 30 (17) | _ | 30 | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 20 |
| 2 | 2014 | NAVY | 42 | - | 42 | | | | | | | | | | | | | | | | | | | | | | | Α - | - | 42 |
| 2 | 2015 | NAVY | 30 ⁽¹⁸⁾ | - | 30 | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| | 1 | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

 LI 0143 - EA-18G
 UNCLASSIFIED

 Navy
 Page 6 of 9

 P-1 Line #1

 Volume 1 - 6

| | st Elements nits in Each) PROC QTY | ACCEPT PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | | N O V | | • | | 014 | Line 43 / E | A-180 | Calendar | ber / | 15 | | | | | | | Item | A-180 ar 2016 | ber/ | Title | [DOD | IC]: | |
|---|--|--|------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|--------|-------------|-----------------|
| 1506N / 01 / 1 Cost (Unit N F F F SERVICE 1.1.1) Airframe/CFE (1) Prior Years Deliveries: 11 1 2013 NAVY 1 2014 NAVY 1 2015 NAVY 1.1.4) Engines/Eng Acc (4) | st Elements nits in Each) PROC QTY 114 | ACCEPT PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | 0 0 | N O V | D | J | F | O14 Fiscal Y | 43 / E. | A-180 | Calendar | | 15 | | | | | | | 1 / E | A-180 ar 2016 | 3 | - | [DOD | IC]: | |
| (Unit O F C R FY SERVICE 1.1.1) Airframe/CFE (1) Prior Years Deliveries: 11 1 2013 NAVY 1 2014 NAVY 1 2015 NAVY 1.1.4) Engines/Eng Acc (4) | PROC QTY | PRIOR TO 1 OCT 2014 | DUE AS OF 1 OCT | С | O V | D E C | | F | M A | A | м | J | Year 20° | | | | | | | | Fiscal Ye | | Jan Vaan | 2016 | | | |
| O # FY SERVICE 1.1.1) Airframe/CFE (1) Prior Years Deliveries: 11 1 2013 NAVY 1 2014 NAVY 1 2015 NAVY 1.1.4) Engines/Eng Acc (4) | 114 12 | PRIOR TO 1 OCT 2014 | DUE AS OF 1 OCT | С | O V | D E C | | F E B | Α | | М | J | Year 20 | | | | | | | | | Colone | dan Vaan | 2016 | | | $\neg \uparrow$ |
| O F F C R FY SERVICE 1.1.1) Airframe/CFE (1) Prior Years Deliveries: 11 1 2013 NAVY 1 2014 NAVY 1 2015 NAVY 1.1.4) Engines/Eng Acc (4) | 114 12 | TO 1 OCT 2014 | DUE AS OF 1 OCT | С | O V | D E C | | F E B | Α | | | J | J | _ | | | | | | | | Calend | aar tear | 2010 | | | |
| Prior Years Deliveries: 11 1 2013 NAVY 1 2014 NAVY 1 2015 NAVY 1 2015 NAVY 1.1.4) Engines/Eng Acc (4) Prior Years Deliveries: 22 | 114 | | | 1 | | | | | | R | Ŷ | U N | Ü | U G | S E P | 100 | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J | A U G | S E P |
| Prior Years Deliveries: 11 1 2013 NAVY 1 2014 NAVY 1 2015 NAVY 1 12015 NAVY 1.1.4) Engines/Eng Acc (4) Prior Years Deliveries: 22 | 114 | | | 1 | - | | | | 1 | 1 | | | | | | | | | | | | | | | | ļ | |
| 1 2014 NAVY 1 2015 NAVY 1.1.4) Engines/Eng Acc (4) Prior Years Deliveries: 22 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2015 NAVY 1.1.4) Engines/Eng Acc (4) Prior Years Deliveries: 22 | 21 ⁽¹⁵⁾ | _ | | | 2 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | | | | |
| 1.1.4) Engines/Eng Acc (4) Prior Years Deliveries: 22 | | | 21 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 2 | 3 | 3 | 2 | 3 |
| Prior Years Deliveries: 22 | 15 ⁽¹⁶⁾ | - | 15 | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Prior Years Deliveries: 22 | (4) | | | · | | | | | | | • | | • | | | | , | | | | | | | · | | | |
| 2 2013 NAVV | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 2013 NAVI | 30 (17) | 10 | 20 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | | | | |
| 2 2014 NAVY | 42 | - | 42 | - | - | - | - | - | - | - | - | - | - | - | 2 | 6 | 6 | 7 | 7 | 6 | 2 | 2 | 2 | 2 | | | |
| 2 2015 NAVY | 30 (18) | - | 30 | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 3 | 4 | 4 | 4 |
| | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | U U | A U G | S E P |

LI 0143 - EA-18G

Navy

UNCLASSIFIED

Page 7 of 9

P-1 Line #1

Volume 1 - 7

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|-------------------|---------|---------------------|------------------------|---------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------|-------------|--------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|--------|-------------|-------------|---|
| Exhi | bit l | P-21, Pı | roduct | ion Sc | hedu | le: PE | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | | Date | e: Feb | ruary | 2015 | 5 | | | |
| | | riation / 01 / 1 | Budg | et Act | ivity / | Budg | jet Si | ub Ad | ctivity | ' : | | I Line 43 / E | | | nber | / Tit | le: | | | | | | | | Num EA-18 | | Title | [DOI | DIC]: | | |
| | | | Elements s in Each) | | | | | | | | Fiscal \ | Year 2017 | , | | | | | | | | | | | Fiscal Y | ear 2018 | | | | | | |
| м | | | | ACCEPT PRIOR | BAL | | | 1 | | | 1 | | 1 | Calenda | r Year 2 | 2017 | | | | | | | | 1 | Caler | dar Yea | 2018 | | | | |
| 0 F C R O # | FY | SERVICE | PROC QTY | TO 1 OCT 2016 | DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | i i | ۸ ا | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J L | A U G | S E P | 1 |
| 1.1.1) | Airfram | ie/CFE (1) | | , | | | | | | , | ' | ' | | | , | | | | | | | | | | | | | | | | |
| | | eliveries: 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | NAVY | 12 | | | | | | 7 | | | | | | | | | | | | | | | | | | | | | | |
| | | NAVY | 21 (15) | | | 3 | | | | | 1 | | 1 | 1 | - 1 | -1 | | - 1 | | _ | _ | 1 | | | | | | | | | |
| | | NAVY | 15 ⁽¹⁶⁾ | - | 15 | - | - | - | - | - | - | - | 1 | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | | | | | | | |
| | | s/Eng Acc (4) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | | eliveries: 22 | | Ī | | l | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | NAVY | 30 (17) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | | NAVY | 42 | | _ | 4 | 4 | 4 | ٦ | | | | | | | | | | | | | | | | | | | | | | |
| | 2013 | INAVI | 30 ⁽¹⁸⁾ | 18 | 12 | | | | | F | | | | | . | | | | • | N. | - | | F | М | | | | | | s | |
| | | | | | | C | N O | D E | J A N | E | M A | A P | M A Y | n 1 | n 1 | l A | ו ֹנ | S E | C | N O | D E | J A | E | Α | A P | M A Y | n 1 | n 1 | A U | E | / |
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LI 0143 - EA-18G Navy UNCLASSIFIED Page 8 of 9

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0143 / EA-18G | 1 / EA-18G |

| | | Produc | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|-----|----------------------------|--------------|-------------------|--------------|----------------|-------------|---------|----------------|-----------------|-------------|---------|-------------|
| MFI | र | | | | | Ini | ial | | | Reo | der | |
| Re | f | | | | ALT | ALT | | Total | ALT | ALT | | Total |
| # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 |
| | 1 Boeing Co St. Louis, MO | 24 | 48 | 72 | - | - | 33 | 33 | - | 2 | 20 | 22 |
| | General Electric, Co Lynn, | | | | | | | | | | | |
| | MA | 84 | 120 | 144 | - | - | 27 | 27 | - | 5 | 24 | 29 |

[&]quot;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 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:

- (15) Breaks in deliveries are accommodated by the EA-18G Foreign Military Sales (FMS)/Royal Australian Air Force (RAAF) production deliveries. The Department of the Navy received FY13 3 EA-18G Growler airframes with installed Airborne Electronic Attack (AEA) kits from Boeing per H.R. 3304-176 (b) AUTHORITY FOR ACCEPTANCE OF PAYMENT IN KIND IN SETTLEMENT OF A-12 AIRCRAFT LITIGATION. The 3 EA-18G (Lot 37A) Airframes are expected to be delivered by November 2016.
- (16) Notional Schedule.
- (17) FY13 funds will be used to procure the six (6) engines and engines accessories for the 3 EA-18G from the Boeing's A-12 Aircraft Litigation Settlement. The six (6) engines for the 3 EA-18G aircrafts are expected to be delivered by September 2016.
- (18) Notional Schedule.

LI 0143 - EA-18G

Navy

UNCLASSIFIED

Page 9 of 9

P-1 Line #1

Volume 1 - 9



Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Aircraft

0145 / FA-18E/F

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items: 0204136N

Other Related Program Elements: 0604269N, 0305207N,

0604270N, 0204154N

Line Item MDAP/MAIS Code: 000 Item MDAP/MAIS Code(s):

| Line item widap/wais code: 000 | item wid | AP/IVIAIS COO | ie(s). | | | | | | | | | |
|---|----------------|------------------|-------------------|------------------|------------------|------------------|-----------------|----------------|---------|---------|----------------|------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | To Complete | Total |
| Procurement Quantity (Units in Each) | 563 | _ | _ | _ | - | - | _ | _ | _ | - | - | 563 |
| Gross/Weapon System Cost (\$ in Millions) | 45,869.887 | 180.391 | - | - | - | - | - | - | - | - | - | 46,050.278 |
| Less PY Advance Procurement (\$ in Millions) | 1,614.220 | 0.335 | - | - | - | - | - | - | - | - | - | 1,614.555 |
| Net Procurement (P1) (\$ in Millions) | 44,255.667 | 180.056 | - | - | - | - | - | - | - | - | - | 44,435.723 |
| Plus CY Advance Procurement (\$ in Millions) | 1,614.555 | - | - | - | - | - | - | - | - | - | - | 1,614.555 |
| Total Obligation Authority (\$ in Millions) | 45,870.222 | 180.056 | - | - | - | - | - | - | - | - | - | 46,050.278 |
| (The following | Resource Sumi | mary rows are fo | r informational p | urposes only. Ti | ne corresponding | g budget request | s are documente | ed elsewhere.) | | : | <u> </u> | |
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Thousands) | 69,784.197 | - | - | - | - | - | - | - | - | - | - | 69,784.197 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 81,474.044 | - | - | - | - | - | - | - | - | - | - | 81,794.455 |

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.

LI 0145 - FA-18E/F

Navy

UNCLASSIFIED

Page 1 of 8

P-1 Line #2

Volume 1 - 11

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0145 / FA-18E/F

Aircraft

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. • _, .

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items: 0204136N

Other Related Program Elements: 0604269N, 0305207N,

0604270N, 0204154N

Line Item MDAP/MAIS Code: 000

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / 0145 F/A-18 E/F MYP | P-5, P-5a, P-21 | | 563 / 45,869.887 | - / 180.391 | - / - | - / - | - / - | - / - |
| Total Gross/Weapon System Cost | | | 563 / 45,869.887 | - / 180.391 | - / - | - / - | - / - | - 1 - |

*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 add due to rounding.

Justification:

FY13 Advance Procurement (AP) baseline budget is \$27.335 million. The FY14 Budget Enactment includes FY13 AP Congressional Rescission of \$27 million (Section 8040). There is an AP credit value of \$335 thousand in FY13 for procurement of common long lead materials.

There are no F/A-18E/F aircraft programmed in FY14, FY15 and FY16. Funding in FY14 F/A-18E/F is programmed to support the manufacture, acceptance and delivery of tasks common for F/A-18E/F and EA-18G. As per OSD direction, Production Engineering Support (PES) and Integrated Logistics Support (ILS) funded efforts that are common to both F/A-18E/F and EA-18G aircraft are budgeted in the F/A-18E/F APN-1 budget. These two support are not proportional to the number of aircraft being procured. This is not duplicative to support funding in PES and ILS of the EA-18G budget.

UNCLASSIFIED
Page 2 of 8 P-1 Line #2

Volume 1 - 12

Exhibit P-5, Cost Analysis: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 01 / 1

P-1 Line Item Number / Title:
0145 / FA-18E/F

1 / 0145 F/A-18 E/F MYP

| ID Code (A=Service Ready, B=Not Service Ready) : | | I | MDAP/MAIS Code: | | | |
|--|-------------------------------|------------------------|-----------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 563 | - | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 45,869.887 | 180.39 | - | - | - | - |
| Less PY Advance Procurement (\$ in Millions) | 1,614.220 | 0.33 | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 44,255.667 | 180.05 | - | - | - | - |
| Plus CY Advance Procurement (\$ in Millions) | 1,614.555 | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 45,870.222 | 180.0 | - | - | - | - |
| (The following Resource Summary rows are for information | onal purposes only. The corre | esponding budget reque | ests are documented elsewhe | ere.) | | f |
| Initial Spares (\$ in Millions) | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 81,474.044 | - | - | - | - | - |

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

| | F | Prior Years | 3 | | FY 2014 | | | FY 2015 | | FY | 2016 Bas | se | FY | 2016 OC | 0 | FY | 2016 Tot | .al |
|--|------------|----------------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | | , | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 39,914.662 | 622 | 24,826.920 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.1.2) CFE Electronics | 5,023.535 | 563 | 2,828.250 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.1.3) GFE Electronics | 1,731.835 | 563 | 975.023 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.1.4) Engines/Eng Acc ^(†) | 4,040.063 | 1,244 | 5,025.838 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.1.5) Armament | 230.252 | 563 | 129.632 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.1.6) Other GFE | 494.394 | 563 | 278.344 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.1.7) Rec Flyaway ECO | 740.366 | 563 | 416.826 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Subtotal: Recurring Cost | - | - | 34,480.833 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Non Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.2.1) Non-Recur Cost | - | - | 1,527.646 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.2.2) Ancillary Equip | - | - | 3,280.024 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Non Recurring Cost | - | - | 4,807.670 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Subtotal: Flyaway Cost | - | - | 39,288.503 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Support Cost | , | | | | | | | | | | | | | | | | | |
| 2.1) Airframe PGSE | - | - | 324.293 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.2) Engine PGSE | - | - | 122.229 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2.3) Avionics PGSE | - | - | 468.398 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2.4) Pec Trng Eq | - | - | 829.229 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

LI 0145 - FA-18E/F Navy **UNCLASSIFIED**

P-1 Line #2 Volume 1 - 13

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0145 / FA-18E/F | 1 / 0145 F/A-18 E/F MYP |

ID Code (A=Service Ready, B=Not Service Ready):

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

MDAP/MAIS Code:

| Note: Subtotals of Totals I | III UII3 EXIIIDIU | i -5 illay il | ot be exact c | n add, dde it | o rounding. | | | | | | | | | | | | | |
|-----------------------------|-------------------|---------------|-------------------------|---------------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|----------------------|-------------------------|-----------|---------------|-------------------------|
| | F | Prior Year | s | | FY 2014 | | | FY 2015 | | FY | / 2016 Ba | se | F | / 2016 OC | 0 | F' | Y 2016 Tot | :al |
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.5) Pub/Tech Eq | - | - | 414.024 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.6) Prod Eng Supt (1) | - | - | 2,570.036 | - | - | 131.278 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.7) Other ILS (2) | - | - | 1,853.175 | - | - | 49.113 | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Support Cost | - | - | 6,581.384 | - | - | 180.391 | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost | 81,474.044 | 563 | 45,869.887 | - | - | 180.391 | - | - | - | - | - | - | - | - | - | _ | - | - |

^(†) indicates the presence of a P-5a

Footnotes:

 LI 0145 - FA-18E/F
 UNCLASSIFIED

 Navy
 Page 4 of 8

 P-1 Line #2

 Volume 1 - 14

⁽¹⁾ Production Engineering Support (PES): FY13 Advance Procurement (AP) baseline budget is \$27.335 million. The FY14 Budget Enactment includes FY13 AP Congressional Rescission of \$27 million (Section 8040). There is an AP credit value of \$335 thousand in FY13 for procurement of common long lead materials. The FY14 funding in the PES cost element supports delivery of the previously programmed F/A-18 E/F procurements. This is not duplicative of Production Engineering funding in the EA-18G APN-1 budget.

⁽²⁾ Integrated Logistics Support (ILS): FY13 Advance Procurement (AP) baseline budget is \$27.335 million. The FY14 Budget Enactment includes FY13 AP Congressional Rescission of \$27 million (Section 8040). There is an AP credit value of \$335 thousand in FY13 for procurement of common long lead materials. The FY14 funding in the ILS cost element supports delivery of the previously programmed F/A-18 E/F procurements. This is not duplicative of ILS funding in the EA-18G APN-1 budget.

| Exhibit P-5a, Procurement History and Planning: PB 2016 | Navy | Date: February 2015 |
|---|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0145 / FA-18E/F | 1 / 0145 F/A-18 E/F MYP |

| Cost Elements | 0 C 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Date Revision Available | RFP Issue Date |
|---------------------------------------|-------------|------|---------------------------------|--------------------------------------|-----------------|---------------|------------------------------|---------------|------------|------------------------|-------------------------------|----------------------|
| 1.1.1) Airframe/CFE ^(†) | | 2013 | Boeing Co. / St. Louis, MO | SS / FPIF | NAVAIR | Nov 2012 | Sep 2014 | 37 | 34,827.082 | Y | | |
| 1.1.4) Engines/Eng Acc ^(†) | | 2013 | General Electric Co. / Lynn, MA | SS/FFP | NAVAIR | Nov 2012 | May 2014 | 74 | 4,443.885 | Υ | | |

^(†) indicates the presence of a P-21

LI 0145 - FA-18E/F
Navy

UNCLASSIFIED
Page 5 of 8
P-1 Line #2

Volume 1 - 15

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|-------|-----------|------------------------|---------------------|---------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------|-------------|-------------|-------------|-------------|-------------|
| Ex | hibit | P-21, Pro | oduct | ion Sc | hedul | le: P | B 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | e: Fel | bruary | 2015 | 5 | | | |
| | | oriation / / 01 / 1 | Budg | et Acti | vity / | Bud | get S | ub Ac | tivity | : | | I Line 45 / F. | | | ber / | Title | | | | | | | | | n ber / -/A-18 | | [DOD MYP | IC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal ` | Year 2013 | 3 | | | | | | | | | | Fiscal Y | ear 2014 | ļ | | | | | |
| | | | | ACCEPT PRIOR | | | | | | | | | (| Calendar | Year 20 | 13 | | | | | | | | Cale | ndar Year | 2014 | | | | |
| 0 0 0 | F R | SERVICE | PROC QTY | TO 1 OCT 2012 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1.1. | 1) Airfra | ame/CFE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prio | r Years | Deliveries: 585 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 201 | 3 NAVY | 37 ⁽³⁾ | - | 37 | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 3 |
| 1.1. | 4) Engir | nes/Eng Acc | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prio | r Years | Deliveries: 1170 |) | | | | | | ń. | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2 201 | 3 NAVY | 74 | - | 74 | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 | 6 | 5 | 5 | 6 | 4 |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N U | U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | J U L | A U G | S E P | A L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Exhib | it P-21, P | roduct | ion Sc | hedul | e: PB | 2016 | 3 Nav | y | | | | | | | | | | | | | | Date | e: Feb | ruary | 2015 | 5 | | | |
|-------------|--------------------|------------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|-------------|-------------|-------------|-------------|
| | opriation | Budge | et Acti | vity / | Budg | et Su | ıb Ac | tivity | : | | Line 45 / F | | | ber | / Title: | | | | | | | | | ber / -/A-18 | | [DOD MYP | DIC]: | | |
| | | Elements s in Each) | | | | | | | | Fiscal Y | ear 2015 | | | | | | | | | | | Fiscal Y | ear 2016 | | | | | | |
| | | | ACCEPT | | | | | | | | | (| Calenda | Year 2 | 015 | | | | | | | | Caler | dar Year | 2016 | | | | |
| M F R R O # | FY SERVICI | PROC E QTY | PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J J | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1.1.1) Air | frame/CFE | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| Prior Yea | ars Deliveries: 58 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2 | 013 NAVY | 37 ⁽³⁾ | 1 | 36 | 1 | 2 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 2 | 3 | 3 | 3 | 2 | | | | | | | | | | - |
| 1.1.4) En | gines/Eng Acc | | | | | | | | | | | | | | • | | | | | | | | | | | | | | |
| Prior Yea | ars Deliveries: 11 | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 2 | 013 NAVY | 74 | 27 | 47 | 6 | 6 | 6 | 4 | 1 | 2 | 6 | 6 | 5 | 5 | 5 | | | | | | | | | | | | | | - |
| | | | | | O C T | A 0 A | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J U | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | n n | A U G | S E P | B A L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

LI 0145 - FA-18E/F Navy

UNCLASSIFIED Page 7 of 8

Volume 1 - 17

Exhibit P-21, Production Schedule: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:
1506N / 01 / 1

Date: February 2015

Item Number / Title [DODIC]:
1 / 0145 / FA-18 E/F MYP

| | | Produc | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|-----|---------------------------|--------------|-------------------|--------------|----------------|-------------|---------|----------------|-----------------|-------------|---------|-------------|
| MFR | | | | | | lni | tial | | | Reo | rder | |
| Ref | | | | | ALT | ALT | | Total | ALT | ALT | | Total |
| # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 |
| 1 | Boeing Co St. Louis, MO | 24 | 48 | 72 | - | - | 33 | 33 | - | 2 | 20 | 22 |
| 2 | General Electric Co Lynn, | | | | | | | | | | | |
| | MA | 84 | 120 | 144 | - | - | 27 | 27 | - | 5 | 24 | 29 |

[&]quot;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 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) FY13 Aircraft deliveries: 23 F/A-18E, 3 F/A-18F and 11 Congressional Add F/A-18E extended delivery cycle.

LI 0145 - FA-18E/F
Navy

UNCLASSIFIED
Page 8 of 8

P-1 Line #2

Volume 1 - 18

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

UNCLASSIFIED

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Item MDAP/MAIS Code(s):

0147 / Joint Strike Fighter CV

Aircraft

Line Item MDAP/MAIS Code: 198

ID Code (A=Service Ready, B=Not Service Ready): B Program Elements for Code B Items: 0204146N

Other Related Program Elements: 0204146M, 0207142F

Date: February 2015

| Line item Widar/Wiais Code. 190 | ILEIII MID | AF/MAIS COU | ic(3). | | | | | | | | | |
|--|------------|-------------|---------|---------|---------|---------|---------|-----------|-----------|-----------|------------|------------|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | _ , . |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Procurement Quantity (Units in Each) | 51 | 4 | 4 | 4 | - | 4 | 4 | 8 | 10 | 12 | 272 | 369 |
| Gross/Weapon System Cost (\$ in Millions) | 11,348.108 | 1,059.114 | 927.568 | 926.942 | - | 926.942 | 896.686 | 1,309.470 | 1,608.201 | 1,732.091 | 35,853.205 | 55,661.385 |
| Less PY Advance Procurement (\$ in Millions) | 1,264.430 | 30.699 | 79.016 | 29.400 | - | 29.400 | 48.630 | 91.908 | 111.898 | 126.003 | 3,519.083 | 5,301.067 |
| Net Procurement (P1) (\$ in Millions) | 10,083.678 | 1,028.415 | 848.552 | 897.542 | - | 897.542 | 848.056 | 1,217.562 | 1,496.303 | 1,606.088 | 32,334.122 | 50,360.318 |
| Plus CY Advance Procurement (\$ in Millions) | 1,295.129 | 79.016 | 29.400 | 48.630 | - | 48.630 | 91.908 | 111.898 | 126.003 | 204.132 | 3,314.951 | 5,301.067 |
| Total Obligation Authority (\$ in Millions) | 11,378.807 | 1,107.431 | 877.952 | 946.172 | - | 946.172 | 939.964 | 1,329.460 | 1,622.306 | 1,810.220 | 35,649.073 | 55,661.385 |

| (The following | Resource Sumi | mary rows are fo | r informational p | urposes only. Th | e corresponding | budget request | s are documente | d elsewhere.) | | | | |
|---|---------------|------------------|-------------------|------------------|-----------------|----------------|-----------------|---------------|-------------|-------------|-------------|-------------|
| Initial Spares (\$ in Millions) | - | 25.809 | 28.200 | 59.914 | - | 59.914 | 58.795 | 42.726 | 35.247 | 38.394 | Continuing | Continuing |
| Flyaway Unit Cost (\$ in Thousands) | 194,797.980 | 167,416.000 | 170,634.500 | 159,497.750 | - | 159,497.750 | 164,968.000 | 139,285.625 | 130,840.300 | 114,678.917 | 123,168.375 | 135,190.772 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 222,511.922 | 264,778.500 | 231,892.000 | 231,735.500 | - | 231,735.500 | 224,171.500 | 163,683.750 | 160,820.100 | 144,340.917 | 131,813.254 | 150,843.862 |

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 STOVL and F-35C CV were reported under same BLI (0147). Result is 29 F-35B STOVL aircraft (6 - FY08; 7 - FY09; and 16 - FY10) are included in the BLI 0147 budget. FY11 is the first year F-35B STOVL are reported under BLI 0152. CY Advance Procurement for FY10 F-35B STOVL aircraft was included in the FY10 F-35C CV budget. The Advance Procurement Credit for FY10 F-35B STOVL aircraft was included in the FY11 F-35B STOVL budget.

LI 0147 - Joint Strike Fighter CV Navy

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0147 / Joint Strike Fighter CV

Aircraft

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

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / Joint Strike Fighter-CV | P-5, P-5a, P-21 | | 51 / 11,348.108 | 4 / 1,059.114 | 4 / 927.568 | 4 / 926.942 | - / - | 4 / 926.942 |
| Total Gross/Weapon System Cost | | | 51 / 11,348.108 | 4 / 1,059.114 | 4 / 927.568 | 4 / 926.942 | - / - | 4 / 926.942 |

*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 add due to rounding.

Justification:

BASIS FOR FY2016 BUDGET REQUEST: The FY16 budget provides funding for 4 Carrier Variant (CV) F-35C aircraft and associated equipment and support, associated sustainment and logistical requirements for DoN, and Advance Procurement for 4 Carrier Variant (CV) aircraft in FY 17.

LI 0147 - Joint Strike Fighter CV Navy

UNCLASSIFIED
Page 2 of 11

Volume 1 - 20

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|---|---|--|
| 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): | | M | DAP/MAIS Code: | | | |
|--|-----------------------------|--------------------------|----------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 51 | 4 | 4 | 4 | - | 4 |
| Gross/Weapon System Cost (\$ in Millions) | 11,348.108 | 1,059.114 | 927.568 | 926.942 | - | 926.942 |
| Less PY Advance Procurement (\$ in Millions) | 1,264.430 | 30.699 | 79.016 | 29.400 | - | 29.400 |
| Net Procurement (P1) (\$ in Millions) | 10,083.678 | 1,028.415 | 848.552 | 897.542 | - | 897.542 |
| Plus CY Advance Procurement (\$ in Millions) | 1,295.129 | 79.016 | 29.400 | 48.630 | - | 48.630 |
| Total Obligation Authority (\$ in Millions) | 11,378.807 | 1,107.431 | 877.952 | 946.172 | - | 946.172 |
| (The following Resource Summary rows are for information | onal purposes only. The con | responding budget reques | ts are documented elsewher | re.) | | |
| Initial Spares (\$ in Millions) | - | 25.809 | 28.200 | 59.914 | - | 59.914 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 222,511.922 | 264,778.500 | 231,892.000 | 231,735.500 | - | 231,735.500 |

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

| | P | rior Years | 3 | | FY 2014 | | | FY 2015 | | FY | ' 2016 Bas | e | FY | 2016 OC | 0 | FY | 2016 Tot | al |
|--|-------------|---------------|-------------------------|-------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | , | | | , | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 105,695.275 | 51 | 5,390.459 | 104,269.500 | 4 | 417.078 | 98,048.750 | 4 | 392.195 | 91,869.250 | 4 | 367.477 | - | - | - | 91,869.250 | 4 | 367.4 |
| 1.1.2) CFE Electronics | 28,708.941 | 51 | 1,464.156 | 22,926.250 | 4 | 91.705 | 21,588.000 | 4 | 86.352 | 19,727.000 | 4 | 78.908 | - | - | - | 19,727.000 | 4 | 78.9 |
| 1.1.4) Engines/Eng Acc ^(†) | 24,174.098 | 51 | 1,232.879 | 13,898.750 | 4 | 55.595 | 13,747.000 | 4 | 54.988 | 13,019.250 | 4 | 52.077 | - | - | - | 13,019.250 | 4 | 52.0 |
| 1.1.7) Rec Flyaway ECO | 5,805.725 | 51 | 296.092 | 2,822.000 | 4 | 11.288 | 2,667.750 | 4 | 10.671 | 2,492.250 | 4 | 9.969 | - | - | - | 2,492.250 | 4 | 9.9 |
| Subtotal: Recurring Cost | - | - | 8,383.586 | - | - | 575.666 | - | - | 544.206 | - | - | 508.431 | - | - | - | - | - | 508.4 |
| Non Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.2.1) Non- Recur Cost ⁽²⁾ | - | - | 1,289.739 | - | - | 67.290 | - | - | 112.283 | - | - | 104.842 | - | _ | _ | _ | - | 104.8 |
| 1.2.2) Ancillary Equip | - | - | 261.372 | - | - | 26.708 | - | - | 26.049 | - | - | 24.718 | - | - | - | - | - | 24.7 |
| Subtotal: Non Recurring Cost | - | - | 1,551.111 | - | - | 93.998 | - | - | 138.332 | - | - | 129.560 | - | - | - | - | - | 129.5 |
| Subtotal: Flyaway Cost | - | - | 9,934.697 | - | - | 669.664 | - | - | 682.538 | - | - | 637.991 | - | - | - | - | - | 637.9 |
| Support Cost | | | | | | | | | | | | | | | | | | |
| 2.1) Airframe PGSE | - | - | 161.123 | - | - | 56.800 | - | - | 56.768 | - | - | 59.915 | - | - | - | - | - | 59.9 |
| 2.2) Engine PGSE | - | - | 122.010 | - | - | 33.151 | - | - | 16.576 | - | - | 19.221 | - | - | - | - | - | 19.2 |
| 2.3) Avionics PGSE | - | - | 180.911 | - | - | 56.794 | - | - | 39.265 | - | - | 48.730 | - | - | - | - | - | 48.7 |
| 2.4) Pec Trng Eq | - | - | 231.093 | - | - | 67.734 | - | - | 0.185 | - | - | 33.201 | - | - | - | - | - | 33.20 |
| 2.5) Pub/Tech Eq | - | - | 84.216 | - | - | 20.691 | - | - | 20.425 | - | - | 17.037 | - | - | - | _ | - | 17.0 |

LI 0147 - Joint Strike Fighter CV Navy

UNCLASSIFIED

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|--------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0147 / Joint Strike Fighter CV | 1 / Joint Strike Fighter-CV |

MDAP/MAIS Code:

ID Code (A=Service Ready, B=Not Service Ready) :

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

| | Р | rior Years | S | | FY 2014 | | | FY 2015 | | FY | 2016 Ba | se | F | Y 2016 OC | 0 | FY | 2016 Tot | :al |
|-----------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-----------|---------------|-------------------------|-------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.6) Other ILS | - | - | 313.328 | - | - | 95.166 | - | - | 56.417 | - | - | 55.837 | - | - | - | - 1 | - | 55.837 |
| 2.7) Misc Support | - | - | 4.013 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.8) Prod Eng Supt | - | - | 316.717 | - | - | 59.114 | - | - | 55.394 | - | - | 55.010 | - | - | - | - | - | 55.010 |
| Subtotal: Support Cost | - | - | 1,413.411 | - | - | 389.450 | - | - | 245.030 | - | - | 288.951 | - | - | - | - | - | 288.951 |
| Gross/Weapon System Cost | 222,511.922 | 51 | 11,348.108 | 264,778.500 | 4 | 1,059.114 | 231,892.000 | 4 | 927.568 | 231,735.500 | 4 | 926.942 | - | - | - | 231,735.500 | 4 | 926.942 |

^(†) indicates the presence of a P-5a

Footnotes:

LI 0147 - Joint Strike Fighter CV Navy

⁽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 51 prior year aircraft total, 29 were STOVL.

⁽²⁾ Non-recurring Costs include such items 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, concurrency engineering, technical assistance and Cost Reduction Intiatives (CRI).

Exhibit P-5a, Procurement History and Planning: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:
1506N / 01 / 1

P-1 Line Item Number / Title:
0147 / Joint Strike Fighter CV

1 / Joint Strike Fighter-CV

| | | | • | | .9 | | | | | | | |
|---------------------------------------|-------------|-------------|--|--------------------------------------|-----------------|---------------|------------------------------|---------------|-------------|------------------------|-------------------------------|----------------------|
| Cost Elements | 0 C 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.1.1) Airframe/CFE ^(†) | | 2011 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Aug 2011 | Oct 2013 | 7 | 123,111.000 | Y | | May 2010 |
| 1.1.1) Airframe/CFE ^(†) | | 2012 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Sep 2013 | Jun 2014 | 7 | 119,850.000 | Υ | | Apr 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Sep 2013 | Jun 2015 | 4 | 115,750.000 | Υ | | Apr 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Nov 2014 | Nov 2016 | 4 | 104,269.500 | Υ | | Jan 2013 |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Oct 2015 | Nov 2017 | 4 | 98,048.750 | Υ | | Jan 2014 |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Mar 2016 | Jan 2018 | 4 | 91,869.250 | Υ | | Jan 2015 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2012 (5) | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | Oct 2013 | Oct 2013 | 7 | 13,785.429 | Y | | Oct 2011 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2013 | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | Sep 2014 | Apr 2015 | 4 | 13,749.750 | Y | | Jun 2012 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2014 | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | Sep 2014 | Jan 2016 | 4 | 13,898.750 | Y | | Mar 2013 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2015 | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | May 2015 | Aug 2016 | 4 | 13,747.000 | Y | | Mar 2014 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2016 | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | May 2016 | May 2017 | 4 | 13,019.250 | Y | | Mar 2015 |

^(†) indicates the presence of a P-21

Footnotes:

 $^{^{\}left(3\right)}$ Award date is based on UCA award and not contract definitization after negotiations.

⁽⁴⁾ Max Capacity only applies through FY16. Additional capacity will be added each year to meet production requirements.

^{(5) (1)} Engine delivery is 1 per aircraft. (2) FY 10 and prior costs are for both CV & STOVL variants combined. (3) FY 11 and beyond costs are for CV variant of JSF

| xh | ibit F | P-21, Pr | oduct | ion Sc | hedul | e: Pl | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | 5 | | | |
|-----------------|----------|---------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|--------|
| | | iation / 01 / 1 | Budge | et Acti | vity / | Bud | get Sı | ub Ac | tivity | : | | | Item oint St | | | | | | | | | | | | | | [DO [er-CV | | | |
| | | | lements in Each) | | | | | | | | Fiscal Y | ear 2011 | | | | | | | | | | | Fiscal Y | ear 2012 | | | | | | Γ |
| | | | | ACCEPT | | | | - | | | | | C | alendar | Year 201 | 1 | | | | | | | | Calen | dar Year | 2012 | | | | \top |
| M D F C R | | SERVICE | PROC QTY | PRIOR TO 1 OCT 2010 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J J | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |
| 1.1.1) | Airfram | e/CFE ⁽¹⁾ | , | | | | | | | , | | | , | | | | | | | , | | | | | | | | | | |
| | | eliveries: 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2011 | NAVY | 7 | - | 7 | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2012 | NAVY | 7 | - | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2013 | NAVY | 4 | - | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2014 | NAVY | 4 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2015 | NAVY | 4 (6) | - | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2016 | NAVY | 4 (7) | - | 4 | | | | | | | | | | | | | | | | | | | | | | | | | Г |
| 1.1.4 | Engines | s/Eng Acc | | | | | | | | | | | ļ. | | Į. | | | | Į. | | | | | | | | l . | | | |
| Prior | Years De | eliveries: 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| 2 | 2012 | NAVY | 7 | - | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2013 | NAVY | 4 | - | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | _ | NAVY | 4 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2015 | NAVY | 4 (8) | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2016 | NAVY | 4 (9) | - | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | J L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |

LI 0147 - Joint Strike Fighter CV Navy

| | | P-21, Pro | | | | | | | • | | | | | | | | | | _ | | | | | | ruary | | | | | |
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LI 0147 - Joint Strike Fighter CV Navy

UNCLASSIFIED Page 7 of 11

| Appr | JIL I | 9-21, Pro | oducti | on Sc | hedul | e: PE | 3 2016 | 3 Nav | У | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | 5 | | | |
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LI 0147 - Joint Strike Fighter CV Navy

UNCLASSIFIED
Page 8 of 11

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LI 0147 - Joint Strike Fighter CV Navy

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LI 0147 - Joint Strike Fighter CV Navy

UNCLASSIFIED
Page 10 of 11

Volume 1 - 28

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|--------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0147 / Joint Strike Fighter CV | 1 / Joint Strike Fighter-CV |

| | | Produc | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|----------|--|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-----------------------|--------------------|---------|----------------------|
| MFR | | | | | | Initia | al | | | Reor | der | |
| Ref # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 |
| 1 | LOCKHEED MARTIN ⁽⁴⁾ - FT WORTH | 2 | 3 | 7 | 8 | 6 | 22 | 28 | - | 6 | 21 | 27 |
| | UNITED TECH, PRATT & WHITNEY - EAST HARTFORD, CT | 2 | 3 | 7 | 8 | 4 | 17 | 21 | - | 7 | 12 | 19 |

[&]quot;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 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 FY16. Additional capacity will be added each year to meet production requirements.

⁽⁶⁾ FY15 Airframe QTY increased by 2.

⁽⁷⁾ FY16 Airframe QTY increased by 2.

⁽⁸⁾ FY15 Engine QTY increased by 2.

⁽⁹⁾ FY16 Engine QTY increased by 2.



Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

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 Item MDAP/MAIS Code(s):

| | | | - (-) | | | | | | | | | |
|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Gross/Weapon System Cost (\$ in Millions) | 1,295.129 | 79.016 | 29.400 | 48.630 | - | 48.630 | 91.908 | 111.898 | 126.003 | 204.132 | 3,314.951 | 5,301.067 |
| Net Procurement (P1) (\$ in Millions) | 1,295.129 | 79.016 | 29.400 | 48.630 | - | 48.630 | 91.908 | 111.898 | 126.003 | 204.132 | 3,314.951 | 5,301.067 |
| Total Obligation Authority (\$ in Millions) | 1,295.129 | 79.016 | 29.400 | 48.630 | - | 48.630 | 91.908 | 111.898 | 126.003 | 204.132 | 3,314.951 | 5,301.067 |

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 2017 JSF aircraft buy.

Note: Prior to FY11, F-35B USMC variant was reported against Budget Line Item 0147. The F-35B USMC variant now reports under Budget Line Item 0152. CY Advance Procurement for FY10 F-35B STOVL aircraft was included in the FY10 F-35C CV budget. The Advance Procurement Credit for FY10 F-35B STOVL aircraft was included in the FY11 F-35B STOVL budget.

LI 0147 - Joint Strike Fighter CV Navy

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

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

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / Joint Strike Fighter-CV | P-10 | | - / 1,295.129 | - / 79.016 | - / 29.400 | - / 48.630 | -/ - | - / 48.630 |
| Total Gross/Weapon System Cost | | | - / 1,295.129 | - / 79.016 | - / 29.400 | - / 48.630 | -1 - | - / 48.630 |

^{*}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 add due to rounding.

Justification:

BASIS FOR FY 2016 BUDGET REQUEST:

FY16 Advance Procurement funding is requested for long-lead requirements associated with procurement of 4 Carrier Variant (CV) JSF aircraft in FY17.

LI 0147 - Joint Strike Fighter CV Navy

UNCLASSIFIED

| Exhibit P-10, Advance Procureme | nt Requirements Analy | /sis (page 1 - I | Budget Funding Justific | cation): PB 2016 Navy | Date: February 201 | 5 |
|---|---|------------------|--|------------------------------------|---|-------------------|
| Appropriation / Budget Activity / E 1506N / 01 / 1 | Budget Sub Activity: | | em Number / Title: at Strike Fighter CV | | P-5 Number / Title: 1 / Joint Strike Fight | |
| First System (2016) Award Date: January 2014 | First System (2016) Com January 2014 | pletion Date: | | Interval Between Syste 0 Months | ems: | |
| Joint Strike Fighter-CV | | n Leadtime | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) |
| Quantity | | | 51 | 4 | 4 | 4 |
| Cost Element | | n Rqd | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) |
| CFE | | | | | | |
| CFE- Airframe Termination Liability | | 0 | 1,165.457 | 69.539 | 27.040 | 44.021 |
| Total: CFE | | | 1,165.457 | 69.539 | 27.040 | 44.021 |
| GFE | | | <u> </u> | <u> </u> | · | |
| G.F.E Engines Termination Liability | | 0 | 129.672 | 9.477 | 2.360 | 4.609 |
| Total: GFE | | | 129.672 | 9.477 | 2.360 | 4.609 |
| Total Advance Procurement/Obligation Au | thority | | 1,295.129 | 79.016 | 29.400 | 48.630 |

| Exhibit P-10, Advance Procurement Requirements Analysis | s (page 2 - Budget Funding Justification): PB 2016 Navy | Date: February 2015 |
|---|---|-----------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | P-5 Number / Title: |
| 1506N / 01 / 1 | 0147 / Joint Strike Fighter CV | 1 / Joint Strike Fighter-CV |

| 130011 011 1 | 0 147 T JOINE | Strike righter C | V | | 17 30111 31 | ike righter-Cv | |
|--|---------------|------------------------------------|-----------|---------------------------|------------------------|----------------|---------------------------------|
| | | | | FY 2 | 016 | | |
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | |
| CFE- Airframe Termination Liability | | 1 | | | | | 44.021 |
| Total: CFE | | | | | | | 44.021 |
| GFE | | | | | | | |
| G.F.E Engines Termination Liability | | 1 | | | | | 4.609 |
| Total: GFE | | | | | | | 4.609 |
| Total Advance Procurement/Obligation Authority | | | | | | | 48.630 |

Description:

Advance procurement funding in FY2013 will support Airframe and Engine Termination Liability, long-lead parts, and materials necessary to protect the delivery schedule of the FY14 JSF aircraft buy.

Note: PLT reflects the total lead time necessary to support FY 14 production.

Note: T.L. is Termination Liability

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

JNCLASSII ILL

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Prior

0152 / JSF STOVL

Aircraft

 $\textbf{ID Code} \,\, (\mathsf{A}\text{=}\mathsf{Service} \,\, \mathsf{Ready}, \, \mathsf{B}\text{=}\mathsf{Not} \,\, \mathsf{Service} \,\, \mathsf{Ready}) : B$

Program Elements for Code B Items: 0204146M

Other Related Program Elements: 0204146N, 0207142F

To

Date: February 2015

Line Item MDAP/MAIS Code: 198 Item MDAP/MAIS Code(s):

| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
|---|---------------|------------------|-------------------|------------------|-----------------|------------------|-----------------|---------------|-------------|-------------|-------------|-------------|
| Procurement Quantity (Units in Each) | 15 | 6 | 6 | 9 | - | 9 | 14 | 20 | 20 | 20 | 201 | 311 |
| Gross/Weapon System Cost (\$ in Millions) | 3,531.223 | 1,270.309 | 1,287.605 | 1,627.299 | - | 1,627.299 | 2,252.814 | 2,939.235 | 2,933.001 | 2,949.717 | 28,865.061 | 47,656.264 |
| Less PY Advance Procurement (\$ in Millions) | 741.375 | 98.061 | 103.195 | 143.885 | - | 143.885 | 203.060 | 226.148 | 136.872 | 139.562 | 3,042.761 | 4,834.919 |
| Net Procurement (P1) (\$ in Millions) | 2,789.848 | 1,172.248 | 1,184.410 | 1,483.414 | - | 1,483.414 | 2,049.754 | 2,713.087 | 2,796.129 | 2,810.155 | 25,822.300 | 42,821.345 |
| Plus CY Advance Procurement (\$ in Millions) | 839.436 | 103.195 | 143.885 | 203.060 | - | 203.060 | 226.148 | 136.872 | 139.562 | 142.353 | 2,900.408 | 4,834.919 |
| Total Obligation Authority (\$ in Millions) | 3,629.284 | 1,275.443 | 1,328.295 | 1,686.474 | - | 1,686.474 | 2,275.902 | 2,849.959 | 2,935.691 | 2,952.508 | 28,722.708 | 47,656.264 |
| (The following | Resource Sumi | mary rows are fo | r informational p | urposes only. Th | e corresponding | g budget request | s are documente | d elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | 88.304 | 64.194 | 111.569 | - | 111.569 | 76.703 | 29.756 | 100.362 | 136.763 | Continuing | Continuing |
| Flyaway Unit Cost (\$ in Thousands) | 182,720.067 | 166,579.500 | 183,410.667 | 149,331.000 | - | 149,331.000 | 141,613.000 | 128,504.050 | 132,798.800 | 128,673.350 | 133,064.368 | 137,340.080 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 235,414.867 | 211,718.167 | 214,600.833 | 180,811.000 | - | 180,811.000 | 160,915.286 | 146,961.750 | 146,650.050 | 147,485.850 | 143,607.269 | 153,235.576 |

FY 2016 | FY 2016 | FY 2016

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 STOVL and F-35C CV were reported under same BLI (0147). Result is 29 F-35B STOVL aircraft (6 - FY09; and 16 - FY10) are included in the BLI 0147 budget. The F-35C CV budget continues to report under BLI 0147. CY Advance Procurement for FY10 F-35B STOVL aircraft was included in the FY10 F-35C CV budget. The Advance Procurement Credit for FY10 F-35B STOVL aircraft was included in the FY11 F-35B STOVL budget.

LI 0152 - JSF STOVL
Navy

UNCLASSIFIED
Page 1 of 11
P-1 Line #5

Volume 1 - 35

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

0152 / JSF STOVL

Aircraft

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

 $\textbf{ID Code} \,\, (\text{A=Service Ready, B=Not Service Ready}): B$

Program Elements for Code B Items: 0204146M

Other Related Program Elements: 0204146N, 0207142F

Line Item MDAP/MAIS Code: 198

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|----------------------------------|-----------------|----|--|--|--|--|--|--|
| Title* | Exhibits | CD | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / Joint Strike Fighter - STOVL | P-5, P-5a, P-21 | | 15 / 3,531.223 | 6 / 1,270.309 | 6 / 1,287.605 | 9 / 1,627.299 | - / - | 9 / 1,627.299 |
| Total Gross/Weapon System Cost | | | 15 / 3,531.223 | 6 / 1,270.309 | 6 / 1,287.605 | 9 / 1,627.299 | - 1 - | 9 / 1,627.299 |

*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 add due to rounding.

Justification:

BASIS FOR FY16 BUDGET REQUEST: The FY16 budget provides funding for 9 Short Take-Off, Vertical Landing (STOVL) F-35B aircraft for the Marine Corps, with associated support for DoN requirements, and Advance Procurement for 14 STOVL F-35B aircraft in FY17.

UNCLASSIFIED LI 0152 - JSF STOVL Volume 1 - 36 Navy Page 2 of 11 P-1 Line #5

Exhibit P-5, Cost Analysis: PB 2016 Navy

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

MDAP/MAIS Code:

| , | | | | | | |
|--|------------------------------|----------------------------|-------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 15 | 6 | 6 | 9 | - | 9 |
| Gross/Weapon System Cost (\$ in Millions) | 3,531.223 | 1,270.309 | 1,287.605 | 1,627.299 | - | 1,627.299 |
| Less PY Advance Procurement (\$ in Millions) | 741.375 | 98.061 | 103.195 | 143.885 | - | 143.885 |
| Net Procurement (P1) (\$ in Millions) | 2,789.848 | 1,172.248 | 1,184.410 | 1,483.414 | - | 1,483.414 |
| Plus CY Advance Procurement (\$ in Millions) | 839.436 | 103.195 | 143.885 | 203.060 | - | 203.060 |
| Total Obligation Authority (\$ in Millions) | 3,629.284 | 1,275.443 | 1,328.295 | 1,686.474 | - | 1,686.474 |
| (The following Resource Summary rows are for informati | onal purposes only. The corr | responding budget requests | are documented elsewher | re.) | | |
| Initial Spares (\$ in Millions) | - | 88.304 | 64.194 | 111.569 | - | 111.569 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 235,414.867 | 211,718.167 | 214,600.833 | 180,811.000 | - | 180,811.000 |

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

ID Code (A=Service Ready, B=Not Service Ready) :

| | P | rior Years | ; | | FY 2014 | | | FY 2015 | | FY | 2016 Bas | se | FY | ²⁰¹⁶ OC | 0 | FY | 2016 Tot | .al |
|--|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|--------------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | ' | | | ' | | | | | | | | | | |
| Recurring Cost | _ | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 91,354.400 | 15 | 1,370.316 | 88,207.667 | 6 | 529.246 | 83,044.667 | 6 | 498.268 | 76,677.333 | 9 | 690.096 | - | - | - | 76,677.333 | 9 | 690.09 |
| 1.1.2) CFE Electronics | 24,350.067 | 15 | 365.251 | 22,926.167 | 6 | 137.557 | 21,588.000 | 6 | 129.528 | 19,727.000 | 9 | 177.543 | - | - | - | 19,727.000 | 9 | 177.54 |
| 1.1.4) Engines/Eng Acc ^(†) | 33,733.400 | 15 | 506.001 | 33,223.500 | 6 | 199.341 | 32,492.667 | 6 | 194.956 | 31,905.778 | 9 | 287.152 | - | - | - | 31,905.778 | 9 | 287.15 |
| 1.1.7) Rec Flyaway ECO | 3,404.600 | 15 | 51.069 | 2,887.167 | 6 | 17.323 | 2,742.500 | 6 | 16.455 | 2,566.222 | 9 | 23.096 | - | - | - | 2,566.222 | 9 | 23.09 |
| Subtotal: Recurring Cost | - | - | 2,292.637 | - | - | 883.467 | - | - | 839.207 | - | - | 1,177.887 | - | - | - | - | - | 1,177.88 |
| Non Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.2.1) Non- Recur Cost ⁽²⁾ | - | - | 335.426 | - | - | 66.097 | - | - | 212.466 | - | - | 95.550 | - | - | - | - | - | 95.55 |
| 1.2.2) Ancillary Equip | - | - | 112.738 | - | - | 49.913 | - | - | 48.791 | - | - | 70.542 | - | - | - | - | - | 70.54 |
| Subtotal: Non Recurring Cost | - | - | 448.164 | - | - | 116.010 | - | - | 261.257 | - | - | 166.092 | - | - | - | - | - | 166.09 |
| Subtotal: Flyaway Cost | - | - | 2,740.801 | - | - | 999.477 | - | - | 1,100.464 | - | - | 1,343.979 | - | - | - | - | - | 1,343.97 |
| Support Cost | , | | | | | | | , | | | | | | | | | | |
| 2.1) Airframe PGSE | - | - | 115.698 | - | - | 53.756 | - | - | 7.115 | - | - | 72.433 | - | - | - | - | - | 72.43 |
| 2.2) Engine PGSE | - | - | 43.497 | - | - | 19.189 | - | - | 21.800 | - | - | 30.873 | - | - | - | - | - | 30.87 |
| 2.3) Avionics PGSE | - | - | 128.388 | - | - | 38.712 | - | - | 24.433 | - | - | 52.469 | - | - | - | - | - | 52.46 |
| 2.4) Pec Trng Eq | - | - | 167.085 | - | - | 47.067 | - | - | 15.636 | - | - | 5.349 | - | - | - | - | - | 5.34 |
| 2.5) Pub/Tech Eq | - | - | 25.308 | - | - | 8.562 | - | - | 4.566 | - | - | 11.989 | - | - | - | - | - | 11.98 |

LI 0152 - JSF STOVL Navy UNCLASSIFIED

P-1 Line #5

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|----------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0152 / JSF STOVL | 1 / Joint Strike Fighter - STOVL |

ID Code (A=Service Ready, B=Not Service Ready):

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

MDAP/MAIS Code:

| Note. Subtotals of Totals I | II UIIS EXHIDIU | r-5 may no | or be exact t | i auu, uue ii | Touriding. | | | | | | | | | | | | | _ |
|-----------------------------|-----------------|----------------------|-------------------------|---------------|---------------|-------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-----------|---------------|-------------------------|-------------|---------------|-------------------------|
| | F | Prior Years | 5 | | FY 2014 | | | FY 2015 | | F۱ | ′ 2016 Ba | se | F | Y 2016 OC | 0 | F | Y 2016 Tot | :al |
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.6) Other ILS (3) | - | - | 198.930 | - | - | 68.573 | - | - | 58.197 | - | - | 56.110 | - | - | - | - | - | 56.110 |
| 2.8) Prod Eng Supt | - | - | 111.516 | - | - | 34.973 | - | - | 55.394 | - | - | 54.097 | - | - | - | - | - | 54.097 |
| Subtotal: Support Cost | - | - | 790.422 | - | - | 270.832 | - | - | 187.141 | - | - | 283.320 | - | - | - | - | - | 283.320 |
| Gross/Weapon System Cost | 235,414.867 | 15 | 3,531.223 | 211,718.167 | 6 | 1,270.309 | 214,600.833 | 6 | 1,287.605 | 180,811.000 | 9 | 1,627.299 | - | - | - | 180,811.000 | 9 | 1,627.299 |

^(†) 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 include such items 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, concurrency engineering, technical assistance and Cost Reduction Intiatives (CRI).
- (3) Year-over-year increase in support cost is greater than OMB/OSD inflation rate of 1.8% due to site and squadron stand-up of aircraft, and ramp-up to full operational capability.

UNCLASSIFIED
Page 4 of 11 P-1 Line #5

Volume 1 - 38

Exhibit P-5a, Procurement History and Planning: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 01 / 1

Date: February 2015

Item Number / Title [DODIC]:

1 / Joint Strike Fighter - STOVL

| | | | | | | | | | Ū | | | |
|---------------------------------------|-----|------|--|--------------------------------------|-----------------|---------------|------------------------------|---------------|-------------|------------------------|----------|----------------------|
| Cost Elements | 0 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Revision | RFP Issue Date |
| 1.1.1) Airframe/CFE ^(†) | | 2011 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Aug 2011 | Nov 2013 | 3 | 100,992.330 | Υ | | May 2010 |
| 1.1.1) Airframe/CFE ^(†) | | 2012 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Sep 2013 | Jun 2014 | 6 | 90,462.500 | Y | | Apr 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Sep 2013 | Jun 2015 | 6 | 87,427.333 | Υ | | Apr 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Nov 2014 | Dec 2016 | 6 | 88,207.667 | Υ | | Jan 2013 |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Oct 2015 | Aug 2017 | 6 | 83,044.667 | Υ | | Jan 2014 |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | LOCKHEED MARTIN (4) / FT WORTH | SS / FPIF | NAVAIR | Mar 2016 | Jan 2018 | 9 | 76,677.333 | Υ | | Jan 2015 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2012 | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | Oct 2013 | Oct 2013 | 6 | 35,590.000 | Y | | Oct 2011 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2013 | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | Sep 2014 | Apr 2015 | 6 | 36,442.833 | Y | | Jun 2012 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2014 | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | Sep 2014 | Feb 2016 | 6 | 33,223.500 | Y | | Mar 2013 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2015 | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | May 2015 | Jun 2016 | 6 | 32,492.667 | Y | | Mar 2014 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2016 | UNITED TECH, PRATT & WHITNEY / EAST HARTFORD, CT | SS / FPIF | NAVAIR | May 2016 | May 2017 | 9 | 31,905.778 | Y | | Mar 2015 |

^(†) indicates the presence of a P-21

Footnotes:

LI 0152 - JSF STOVL Navy

⁽⁴⁾ Max Capacity only applies through FY16. Additional capacity will be added each year to meet production requirements.

| Ext | nibit | P-21, Pr | oducti | on Sc | hedul | le: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | _ | | | | Date | : Feb | ruary | 2015 | 5 | | | |
|-------------------|----------|------------------------------|---------------------|---------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------|-------------|-----------------------|-------------|-------------|
| | | riation / / 01 / 1 | Budge | et Acti | vity / | Budç | get Sı | ub Ac | tivity | ': | | | Item SF ST | | ber / | Title: | | | | | | | | | iber / Strike | | | DIC] : TOVL | | |
| | | | lements in Each) | | | | | | | | Fiscal Y | ear 2011 | | | | | | | | | | | Fiscal Y | ear 2012 | | | | | | |
| N | | | | ACCEPT PRIOR | | | | | | | | | С | alendar | Year 201 | 1 | | | | | | | | Caler | dar Year | 2012 | | | | |
| O F C R O # | = R | SERVICE | PROC QTY | TO 1 OCT 2010 | DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J L | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1.1.1 |) Airfra | me/CFE (1) | | | | | | | | | | | | | , | | | | | | | | , | , | | | | | | |
| 1 | _ | 1 NAVY | 3 | - | 3 | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 201 | 2 NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 3 NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 4 NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 5 NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 6 NAVY | 9 | - | 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1.4 |) Engir | nes/Eng Acc | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior | Years | Deliveries: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 201 | 2 NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 201 | 3 NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 201 | 4 NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 201 | 5 NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 201 | 6 NAVY | 9 | - | 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N U | J U L | A U G | S E P | B A L |

LI 0152 - JSF STOVL Navy

UNCLASSIFIED Page 6 of 11

Volume 1 - 40 P-1 Line #5

| Ext | nibit | P-21, Pro | oducti | on Sc | hedul | le: PE | 3 201 | 6 Nav | у | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | 5 | | | |
|-------------------|-----------|------------------------------|-------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------------|-------------|-------------|-------------|-------------|-------------|
| | | riation / 1 01 / 1 | Budge | et Acti | vity / | Budg | get Su | ıb Ac | tivity | : | | | Item SF ST | | ber / | Title: | | | | | | | | | iber / Strike f | | | | | |
| | | Cost E (Units i | ements n Each) | | | | | | | | Fiscal Y | ear 2013 | | | | | | | | | | | Fiscal Ye | ear 2014 | | | | | | |
| Π. | _ | | | ACCEPT | | | | | | | | | С | alendar | Year 201 | 3 | | | | | | | | Calen | dar Year | 2014 | | | | |
| 0 F C F O # | : } | SERVICE | PROC QTY | PRIOR TO 1 OCT 2012 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J J | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N n L | J U L | A U G | S E P | B A L |
| 1.1.1 |) Airfran | ne/CFE (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | NAVY | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | 1 | | | | | | _ | | Τ- |
| 1 | 2012 | NAVY | 6 | - | 6 | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | |
| 1 | 2013 | NAVY | 6 | - | 6 | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2014 | NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2015 | NAVY | 6 | - | 6 | | | | | | | | | | | | | | | ĺ | | | | | | | | | | |
| 1 | 2016 | NAVY | 9 | - | 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1.4 |) Engine | es/Eng Acc | | | | | | | | | | | | | | | | · | | | · | · | | | | | | | | |
| Prior | Years [| Deliveries: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2012 | NAVY | 6 | - | 6 | | | | | | | | | | | | | A1 | - | 1 | - | 1 | - | 1 | 1 | 1 | | | | - |
| 2 | 2013 | NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | A - | |
| 2 | 2014 | NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | A - | |
| 2 | | NAVY | 6 | - | 6 | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| 2 | 2016 | NAVY | 9 | - | 9 | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N U | U J | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N J | J U L | A U G | S E P | B A L |

LI 0152 - JSF STOVL Navy UNCLASSIFIED
Page 7 of 11

P-1 Line #5

| Ξxŀ | ibit F | P-21, Pro | oducti | on Sc | hedul | le: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | _ | | | | Date | : Fel | oruary | 2015 | 5 | | | |
|-----------------|-----------------|------------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------|-------------|-------------|-------------|--|
| | oropr 6N / (| i ation / 1 01 / 1 | Budge | et Acti | vity / | Budg | get Sı | ub Ac | tivity | : | | | Item SF ST | | ber / | Title: | | | | | | | | | nber / Strike | | | | | |
| | | | lements in Each) | | | | | | | | Fiscal Y | ear 2015 | | | | | | | | | | | Fiscal Y | ear 2016 | ; | | | | | |
| | | | | ACCEPT | | | | | | | | | C | alendar | Year 201 | 5 | | | | | | | | Cale | ndar Year | 2016 | | | | |
| N O F C F | | SERVICE | PROC QTY | PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | n n | A U G | S E P | 100 | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N U | J U L | A U G | S E P | |
| 1.1.1 |) Airfram | e/CFE (1) | | , | | | | | | | | | | | | | | | | | , | | | | | | | | | |
| 1 | 2011 | NAVY | 3 | 3 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2012 | NAVY | 6 | 2 | 4 | 1 | - | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | |
| 1 | 2013 | NAVY | 6 | - | 6 | - | - | - | - | - | - | - | - | 1 | - | 1 | 1 | 1 | - | 1 | 1 | | | | | | | | | |
| 1 | 2014 | NAVY | 6 | - | 6 | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2015 | NAVY | 6 | - | 6 | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2016 | NAVY | 9 | - | 9 | | | | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | |
| 1.1.4 |) Engines | /Eng Acc | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior | _ | eliveries: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2012 | NAVY | 6 | 6 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2013 | NAVY | 6 | - | 6 | - | - | - | - | - | - | 3 | 3 | | | | | | | | | | | | | | | | | |
| 2 | 2014 | NAVY | 6 | - | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | 1 | - | |
| 2 | | | 6 | - | 6 | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | 1 | |
| 2 | 2016 | NAVY | 9 | - | 9 | | | | | | | | | | | | | | | | | | | | A - | - | - | - | - | |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | n n | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | U L | A U G | S E P | |

LI 0152 - JSF STOVL Navy

UNCLASSIFIED Page 8 of 11

Volume 1 - 42 P-1 Line #5

| _^! | ibi | it P-2 | 21, Pr | oducti | on Sc | hedul | le: PE | 3 2010 | 3 Nav | y | | | | | | | | | | | | | | Date | : Fel | oruary | / 2015 | 5 | | |
|-----------------|------|---------------|---------|---------------------|------------------------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|
| | | pria t | | Budge | et Acti | vity / | Budg | jet Sı | ıb Ac | tivity | : | | Line 52 / JS | | | ber / | Title: | | | | | | | | | | | [DO E | | |
| | | | | lements in Each) | | | | | | | | Fiscal V | ear 2017 | | | | | | | | | | | Fiscal Y | ar 2018 | | | | | |
| | | | (OIIII3 | Lacin | ACCEPT | | | | | | | i iocai i | Cai 2017 | | Calendar | Year 20 | 17 | | | | | | | 11300111 | | ndar Yea | r 2018 | | | |
| M O F C R | | Y S | ERVICE | PROC QTY | PRIOR TO 1 OCT 2016 | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J U L | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |
| | | rame/CI | | | | | • | | | | | | | • | | | | | • | | | | | | | | | _ | | • |
| 1 | | 011 NA | | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | - | 012 NA | | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | + | 013 NA | | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 014 NA | ΛVY | 6 | - | 6 | - | - | 1 | - | 1 | - | 1 | 1 | 1 | - | 1 |] | | | | | | | | | | | | |
| 1 | 20 | 015 NA | ΛVY | 6 | - | 6 | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | 1 | | | | |
| 1 | 20 | 016 NA | VΥ | 9 | - | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | 1 | 1 | - | 1 | 1 | - |
| 1.1.4) | Eng | gines/En | g Acc | | | | | | | | | | | | | | | | , | | | | | | | | • | | | |
| Prior ' | Year | rs Delive | ries: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 20 | 012 NA | ·VΥ | 6 | 6 | - | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | _ | 013 NA | | 6 | 6 | - | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | _ | 014 NA | | 6 | 2 | | 1 | 1 | 1 | 1 | | , | 1 | | | | | | | | | | | | | | | | | |
| _ | - | | VY | 6 | 3 | | - | 1 | - | 1 | - | 1 | | | | | | | | T | | | | | | 1 | | | | |
| 2 | 20 | 016 NA | VY | 9 | - | 9 | - | - | - | - | - | - | - | 1 | - | 1 | 1 | 1 | - | 1 | 1 | - | 1 | 1 | 1 | | | 1 | | |
| | | | | | | | O C | N O | D E | J | F E | M A | A P | M A | J | Ŋ | A U | S E | O C T | N O | D E | JA | F E | M A | A P | M | Ŋ | l J | A U | S E |
| | | | | | | | T | V | С | A N | В | R | R | A Y | N | L | G | Р | T | ٧ | С | A N | В | R | R | A Y | N | L | G | P |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

LI 0152 - JSF STOVL Navy UNCLASSIFIED
Page 9 of 11

P-1 Line #5 Volume 1 - 43

| Exh | iibit | P-21, Pr | oducti | on Sc | hedul | e: PE | 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | : Fel | oruary | / 2015 | 5 | | | |
|-------------------|-------|---------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|--------|
| Ap p | orop | riation / 01 / 1 | | | | | | | - | : | | Line 52 / JS | | | ber / | Title | | | | | | | Item | Nun | nber | Title Fighte | [DOI | | | |
| | | | lements in Each) | | | | | , | | | Fiscal Y | ear 2019 | | | | | | | | | | | Fiscal Y | ear 2020 |) | | | | | |
| \Box | | | | ACCEPT | | | | | | | | | (| Calendar | Year 20 | 19 | | | | | | | | Cale | ndar Yea | r 2020 | | | | |
| O F C R O # | | SERVICE | PROC QTY | PRIOR TO 1 OCT 2018 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J U L | A U G | S E P | E A |
| | | me/CFE (1) | | | | | | - | | | - | - | | | | 1 | - | | | | - | | | | | 1 | | | | |
| 1 | | 1 NAVY | 3 | 3 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 2 NAVY | 6 | 6 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 3 NAVY | 6 | 6 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 4 NAVY | 6 | 6 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 5 NAVY | 6 | 6 | - | | | | _ | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 6 NAVY | 9 | 6 | 3 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | | es/Eng Acc | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | Deliveries: 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | | 2 NAVY | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | _ | 3 NAVY | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | _ | 4 NAVY | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | | 5 NAVY | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 201 | 6 NAVY | 9 | 9 | - | | | _ | | _ | | | | | | | _ | | | | | _ | | | | 1 . | | | | - |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | P R | M A Y | J U N | J U L | U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | n n | A U G | S E P | A L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

LI 0152 - JSF STOVL Navy UNCLASSIFIED
Page 10 of 11

P-1 Line #5

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|----------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0152 / JSF STOVL | 1 / Joint Strike Fighter - STOVL |

| | | Produc | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|----------|--|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-----------------------|--------------------|---------|----------------------|
| MFR | | | | | | Initia | al | | | Reo | der | |
| Ref # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 |
| 1 | LOCKHEED MARTIN ⁽⁴⁾ - FT WORTH | 4 | 7 | 14 | 8 | 6 | 22 | 28 | - | 6 | 21 | 27 |
| 2 | UNITED TECH, PRATT & WHITNEY - EAST HARTFORD, CT | 4 | 7 | 14 | 8 | 4 | 17 | 21 | 24 | 8 | 12 | 20 |

[&]quot;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 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 FY16. Additional capacity will be added each year to meet production requirements.

LI 0152 - JSF STOVL
Navy

UNCLASSIFIED
Page 11 of 11
P-1 Line #5

Volume 1 - 45



Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0152 / JSF STOVL

Aircraft

Program Elements for Code B Items: 0204146M

Other Related Program Elements: 0204146N, 0207142F

Line Item MDAP/MAIS Code: 198 Item MDAP/MAIS Code(s):

| | 100111 1112 | | -(-)- | | | | | | | | | |
|---|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|-----------|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Gross/Weapon System Cost (\$ in Millions) | 839.436 | 103.195 | 143.885 | 203.060 | - | 203.060 | 226.148 | 136.872 | 139.562 | 142.353 | 2,900.408 | 4,834.919 |
| Net Procurement (P1) (\$ in Millions) | 839.436 | 103.195 | 143.885 | 203.060 | - | 203.060 | 226.148 | 136.872 | 139.562 | 142.353 | 2,900.408 | 4,834.919 |
| Total Obligation Authority (\$ in Millions) | 839.436 | 103.195 | 143.885 | 203.060 | - | 203.060 | 226.148 | 136.872 | 139.562 | 142.353 | 2,900.408 | 4,834.919 |

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 FY17 JSF aircraft.

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 USN variant continues to report under Budget Line Item 0147 |
|--|
| CY Advance Procurement for FY10 F-35B STOVL aircraft was included in the FY10 F-35C CV budget. The Advance Procurement Credit for FY10 F-35B STOVL aircraft was included in the FY11 F-35B STOV |
| budget. |

LI 0152 - JSF STOVL
Navy

UNCLASSIFIED
Page 1 of 4
P-1 Line #6

Volume 1 - 47

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0152 / JSF STOVL

Aircraft

Program Elements for Code B Items: 0204146M

Other Related Program Elements: 0204146N, 0207142F

Line Item MDAP/MAIS Code: 198

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|----------------------------------|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / Joint Strike Fighter - STOVL | P-10 | | - / 839.436 | - / 103.195 | - / 143.885 | - / 203.060 | -/ - | - / 203.060 |
| Total Gross/Weapon System Cost | | | - / 839.436 | - / 103.195 | - / 143.885 | - / 203.060 | -1 - | - / 203.060 |

*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 add due to rounding.

Justification:

BASIS FOR FY16 BUDGET REQUEST:

FY16 Advance Procurement funding is requested for long-lead requirements necessary to support procurement of 14 STOVL JSF aircraft in FY17.

LI 0152 - JSF STOVL
Navy

UNCLASSIFIED
Page 2 of 4
P-1 Line #6

Volume 1 - 48

| Exhibit P-10, Advance Procuremer | nt Requirements Analy | sis (page 1 - | Budget Funding Justif | ication): PB 2016 Navy | Date: February 20 | 15 |
|---|---|---------------------------------|------------------------------|----------------------------------|---|-------------------|
| Appropriation / Budget Activity / B 1506N / 01 / 1 | udget Sub Activity: | P-1 Line I 0152 / JSF | tem Number / Title: STOVL | | P-5 Number / Title 1 / Joint Strike Figh | |
| First System (2016) Award Date: January 2014 | First System (2016) Com January 2014 | pletion Date: | | Interval Between Sys 0 Months | tems: | |
| Joint Strike Fighter - STOVL | | n Leadtime | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) |
| Quantity | | | 15 | 6 | 6 | 9 |
| Cost Element | | n Rqd | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) |
| CFE | · | · | <u> </u> | | | |
| CFE-Airframe Termination Liability | | 0 | 620.226 | 82.556 | 106.455 | 149.878 |
| Total: CFE | | | 620.226 | 82.556 | 106.455 | 149.878 |
| GFE | | | <u> </u> | | | |
| GFE- Engines Termination Liability | | 0 | 219.210 | 20.639 | 37.430 | 53.182 |
| Total: GFE | | | 219.210 | 20.639 | 37.430 | 53.182 |
| Total Advance Procurement/Obligation Aut | hority | | 839.436 | 103.195 | 143.885 | 203.060 |

| Exhibit P-10, Advance Procurement Requirements Analysis | s (page 2 - Budget Funding Justification): PB 2016 Navy | Date: February 2015 |
|---|---|----------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | P-5 Number / Title: |
| 1506N / 01 / 1 | 0152 / JSF STOVL | 1 / Joint Strike Fighter - STOVL |

| 1000117 1 | 01027001 | JIOVE | | | 17 001111 01 | inc riginal o | IOVE |
|--|---------------|------------------------------------|-----------|---------------------------|--------------------|---------------|---------------------------------|
| | | | | FY 2 | 016 | | |
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | , |
| CFE-Airframe Termination Liability | 1 | | | | | | 149.878 |
| Total: CFE | | | | | | | 149.878 |
| GFE | | | | | | | |
| GFE- Engines Termination Liability | 1 | | | | | | 53.182 |
| Total: GFE | | | | | | | 53.182 |
| Total Advance Procurement/Obligation Authority | | | | | | | 203.060 |

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

UNCLASSIFIED LI 0152 - JSF STOVL Page 4 of 4 Navy

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

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: Other Related Program Elements: 0605212N

Line Item MDAP/MAIS Code: 390 Item MDAP/MAIS Code(s):

| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | To Complete | Total |
|---|----------------|---------|---------|-----------------|----------------|------------------|---------|---------|---------|---------|----------------|-------|
| Gross/Weapon System Cost (\$ in Millions) | - | - | - | 41.300 | - | 41.300 | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | - | - | - | 41.300 | - | 41.300 | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | - | - | - | 41.300 | - | 41.300 | - | - | - | - | - | - |

Description:

The CH-53K is a marinized heavy-lift helicopter replacing the Marine Corps CH-53E, introduced in 1980. 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-53K King Stallion is designed to 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 in the 21st century environment. The CH-53K provides improvements in range and payload, performance, cargo handling, turn-around times, reliability and maintainability, interoperability and survivability.

Total procurement quantities for the CH-53K program are 194 APN funded aircraft.

LI 0158 - CH-53K (Heavy Lift)

Date: February 2015

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Aircraft

0158 / CH-53K (Heavy Lift)

P-1 Line Item Number / Title:

Program Elements for Code B Items:

Other Related Program Elements: 0605212N

Line Item MDAP/MAIS Code: 390

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| CH-53K (Heavy Lift) | P-10 | | -/ - | -/ - | -/ - | - / 41.300 | -/ - | - / 41.300 |
| Total Gross/Weapon System Cost | | | -1 - | -1 - | -1 - | - / 41.300 | -1 - | - / 41.300 |

*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 add due to rounding.

Justification:

Advance Procurement (AP) is required in FY 2016 for long lead material associated with the procurement of two Low Rate Initial Production aircraft in FY 2017.

The AP will be used to procure long lead contractor furnished material 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.

LI 0158 - CH-53K (Heavy Lift) Navy UNCLASSIFIED Page 2 of 4

P-1 Line #7

| Exhibit P-10, Advance Procuren | nent Requirements Analy | rsis (page 1 - I | Budget Funding Justi | fication): PB 2016 Navy | Date: February 20 | 15 |
|---|---|------------------|--|-------------------------|---------------------------------------|-------------------|
| Appropriation / Budget Activity 1506N / 01 / 1 | / Budget Sub Activity: | I | tem Number / Title: -53K (Heavy Lift) | | Item Number / Tit 1 / CH-53K (Heav | ·- ·- · |
| First System (2016) Award Date: November 2016 | First System (2016) Com October 2019 | ppletion Date: | | stems: | | |
| CH-53K (Heavy Lift) | | n Leadtime | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) |
| Quantity | | | - | - | - | - |
| Cost Element | | n Rqd | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) |
| CFE | | | | | | |
| FY17 Long Lead | | 0 | - | - | - | 41.300 |
| Total: CFE | | | - | - | - | 41.300 |
| Total Advance Procurement/Obligation | Authority | | - | - | - | 41.300 |

| Exhibit P-10, Advance Procurement Requirements Analys | is (<i>page 2 - B</i> | udget Funding 、 | Justification): | PB 2016 Navy | Date: Febr | uary 2015 | |
|---|------------------------|-------------------------------------|-----------------|---------------------------|-------------------------|------------------------------|---------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1 | | m Number / Title 3K (Heavy Lift) | 9: | | Item Numl 1 / CH-53K | ber / Title: (Heavy Lift) | |
| | | | | FY 20 |)16 | , | • |
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | |
| FY17 Long Lead | - | | | | | | 41.300 |
| Total: CFE | | | | | | | 41.300 |
| Total Advance Procurement/Obligation Authority | | | | | | | 41.300 |

Description:

The AP will be used to procure long lead contractor furnished material 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.

LI 0158 - CH-53K (Heavy Lift) Navy

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0164 / V-22 (Medium Lift)

Aircraft

Program Elements for Code B Items: ID Code (A=Service Ready, B=Not Service Ready) : A

Other Related Program Elements:

Line Item MDAP/MAIS Code: 212

Item MDAP/MAIS Code(s):

| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
|--|----------------|------------------|--------------------|------------------|------------------|-------------------|-----------------|---------------|------------|------------|-------------|------------|
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Procurement Quantity (Units in Each) | 263 | 19 | 19 | 19 | - | 19 | 18 | 8 | 8 | 8 | 46 | 408 |
| Gross/Weapon System Cost (\$ in Millions) | 22,743.959 | 1,443.407 | 1,540.459 | 1,503.863 | - | 1,503.863 | 1,490.269 | 856.515 | 945.864 | 867.852 | 4,897.152 | 36,289.340 |
| Less PY Advance Procurement (\$ in Millions) | 1,305.977 | 86.258 | 59.359 | 67.508 | - | 67.508 | 62.269 | 117.944 | 154.741 | 20.050 | 246.807 | 2,120.913 |
| Net Procurement (P1) (\$ in Millions) | 21,437.982 | 1,357.149 | 1,481.100 | 1,436.355 | - | 1,436.355 | 1,428.000 | 738.571 | 791.123 | 847.802 | 4,650.345 | 34,168.427 |
| Plus CY Advance Procurement (\$ in Millions) | 1,438.485 | 53.113 | 45.920 | 43.853 | - | 43.853 | 117.944 | 154.741 | 20.050 | 41.055 | 205.752 | 2,120.913 |
| Total Obligation Authority (\$ in Millions) | 22,876.467 | 1,410.262 | 1,527.020 | 1,480.208 | - | 1,480.208 | 1,545.944 | 893.312 | 811.173 | 888.857 | 4,856.097 | 36,289.340 |
| (The following | g Resource Sum | mary rows are fo | or informational p | urposes only. Th | ne corresponding | g budget requests | s are documente | d elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | 0.677 | - | 0.479 | - | 0.479 | 0.033 | - | - | - | 74.661 | 75.850 |
| Flyaway Unit Cost (\$ in Thousands) | 74,480.072 | 68,459.211 | 71,916.526 | 72,356.474 | - | 72,356.474 | 74,801.278 | 86,653.000 | 95,859.250 | 98,537.250 | 100,566.217 | 78,066.265 |
| 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 strike rescue 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 460: 360 MV-22 Marine Corps aircraft, 48 Navy aircraft, and 52 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 production of the Navy's variant will begin during the FYDP. The configuration of this variant 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.

P-40 corrections:

Prior Years:

Initial Spares: \$790.319.

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0164 / V-22 (Medium Lift)

Aircraft

Program Elements for Code B Items:

Other Related Program Elements:

ID Code (A=Service Ready, B=Not Service Ready) : A
Line Item MDAP/MAIS Code: 212

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / 0164 MV-22 | P-5, P-5a, P-21 | | 263 / 22,743.959 | 19 / 1,443.407 | 19 / 1,540.459 | 19 / 1,503.863 | - / - | 19 / 1,503.863 |
| Total Gross/Weapon System Cost | | | 263 / 22,743.959 | 19 / 1,443.407 | 19 / 1,540.459 | 19 / 1,503.863 | - 1 - | 19 / 1,503.863 |

*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 add due to rounding.

Justification:

Basis for FY 2016 Budget Request: Provides funding to procure 19 MV-22's with support.

The V-22 Program is currently executing a Multi-Year Procurement (MYP) contract for producton aircraft in FY 2013-FY 2017.

LI 0164 - V-22 (Medium Lift) Navy UNCLASSIFIED Page 2 of 18

P-1 Line #8

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0164 / V-22 (Medium Lift) | 1 / 0164 MV-22 |

| ID Code (A=Service Ready, B=Not Service Ready): | | М | DAP/MAIS Code: | | | |
|---|---------------------------------|---------------------------|----------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 263 | 19 | 19 | 19 | - | 19 |
| Gross/Weapon System Cost (\$ in Millions) | 22,743.959 | 1,443.407 | 1,540.459 | 1,503.863 | - | 1,503.863 |
| Less PY Advance Procurement (\$ in Millions) | 1,305.977 | 86.258 | 59.359 | 67.508 | - | 67.508 |
| Net Procurement (P1) (\$ in Millions) | 21,437.982 | 1,357.149 | 1,481.100 | 1,436.355 | - | 1,436.355 |
| Plus CY Advance Procurement (\$ in Millions) | 1,438.485 | 53.113 | 45.920 | 43.853 | - | 43.853 |
| Total Obligation Authority (\$ in Millions) | 22,876.467 | 1,410.262 | 1,527.020 | 1,480.208 | - | 1,480.208 |
| (The following Resource Summary rows are for infort | national purposes only. The cor | rresponding budget reques | ts are documented elsewher | re.) | | |
| Initial Spares (\$ in Millions) | - | 0.677 | - | 0.479 | - | 0.479 |
| Constant Unit Cont (C. T. | 00.470.000 | 75 000 700 | 04 070 700 | 70.450.004 | | 70.450.004 |

Gross/Weapon System Unit Cost (\$ in Thousands) 86,478.932 75,968.789 81,076.789 79,150.684 79,150.684

| Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due |
|--|
|--|

| | P | rior Years | 5 | | FY 2014 | | | FY 2015 | | FY | ' 2016 Bas | e | FY | 2016 OC | 0 | FY | 2016 Tot | al |
|--|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | | | , | ' | | , | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) (1) | 64,080.772 | 263 | 16,853.243 | 61,486.045 | 19 | 1,168.235 | 64,252.925 | 19 | 1,220.806 | 65,602.227 | 19 | 1,246.442 | - | - | - | 65,602.227 | 19 | 1,246. |
| 1.1.2) GFE Electronics (2) | - | - | 213.564 | - | - | 15.251 | - | - | 26.252 | - | - | 25.832 | - | - | - | - | - | 25. |
| 1.1.3) Engines/Eng Acc ^(†) | 2,025.679 | 526 | 1,065.507 | 2,254.132 | 38 | 85.657 | 2,308.221 | 38 | 87.712 | 2,359.000 | 38 | 89.642 | - | - | - | 2,359.000 | 38 | 89. |
| 1.1.4) Other GFE | - | - | 47.322 | - | - | 3.719 | - | - | 5.361 | - | - | 3.919 | - | - | - | - | - | 3 |
| 1.1.5) Recurring Flyaway ECO | - | - | 147.130 | - | - | 8.155 | - | - | 9.909 | - | - | 6.339 | - | - | - | - | - | 6 |
| Subtotal: Recurring Cost | - | - | 18,326.766 | - | - | 1,281.017 | - | - | 1,350.040 | - | - | 1,372.174 | - | - | - | - | - | 1,372 |
| Non Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.2.1) Non-Recurring Cost | - | - | 854.525 | - | - | 5.710 | - | - | 7.624 | - | - | 2.599 | - | - | - | - | | 2 |
| 1.2.2) Ancillary Equipment | - | - | 113.124 | - | - | 13.998 | - | - | 8.750 | - | - | - | - | - | - | - | - | |
| 1.2.3) Other | - | - | 293.844 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Subtotal: Non Recurring Cost | - | - | 1,261.493 | - | - | 19.708 | - | - | 16.374 | - | - | 2.599 | - | - | - | - | - | 2 |
| Subtotal: Flyaway Cost | - | - | 19,588.259 | - | - | 1,300.725 | - | - | 1,366.414 | - | - | 1,374.773 | - | - | - | - | - | 1,374 |
| Support Cost | | | | | | | | | | | | | | | | | | |
| 2.1) Airframe PGSE | - | - | 405.105 | - | - | 13.958 | - | - | 19.226 | - | - | 0.452 | - | - | - | _ | - | 0 |

LI 0164 - V-22 (Medium Lift) Navy

Volume 1 - 57 P-1 Line #8

Exhibit P-5, Cost Analysis: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 01 / 1

P-1 Line Item Number / Title:
0164 / V-22 (Medium Lift)

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 add, due to rounding.

| | F | Prior Year | S | | FY 2014 | | | FY 2015 | | F۱ | / 2016 Bas | se | FY | / 2016 OC | 0 | FY | 2016 Tota | al |
|-----------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|----------------------|-------------------------|------------|----------------------|-------------------------|-----------|----------------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.2) Engine PGSE | - | - | 28.717 | - | - | 6.722 | - | - | 4.012 | - | - | 0.471 | - | - | - | - | - | 0.471 |
| 2.3) Avionics PGSE | - | - | 213.567 | - | - | 6.662 | - | - | 2.441 | - | - | 0.250 | - | - | - | - | - | 0.250 |
| 2.4) Pec Trng Eq | - | - | 420.981 | - | - | 6.623 | - | - | 6.569 | - | - | 3.588 | - | - | - | - | - | 3.588 |
| 2.5) Pub/Tech Eq | - | - | 112.482 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.6) Prod Eng Supt (3) | - | - | 921.503 | - | - | 53.356 | - | - | 87.385 | - | - | 75.805 | - | - | - | - | - | 75.805 |
| 2.7) Other ILS | - | - | 821.945 | - | - | 55.361 | - | - | 54.412 | - | - | 48.524 | - | - | - | - | - | 48.524 |
| 2.8) Common SE | - | - | 231.400 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Support Cost | - | - | 3,155.700 | - | - | 142.682 | - | - | 174.045 | - | - | 129.090 | - | - | - | - | - | 129.090 |
| Gross/Weapon System Cost | 86,478.932 | 263 | 22,743.959 | 75,968.789 | 19 | 1,443.407 | 81,076.789 | 19 | 1,540.459 | 79,150.684 | 19 | 1,503.863 | - | _ | - | 79,150.684 | 19 | 1,503.863 |

^(†) indicates the presence of a P-5a

Footnotes:

- ⁽¹⁾ Airframe/CFE: [General] Executing V-22 Multi-Year for FY 2013 FY 2017.
- $^{(2)}$ GFE Electronics: [FY 2015] Increase due the incorporation of the APR-39C(V)2 Radar Warning Receiver.
- (3) \$5.6 million in FY17 will provide Production Engineering Support to address range, HF radio, and PA system for the Navy's variant.

LI 0164 - V-22 (Medium Lift) Navy

Exhibit P-5a, Procurement History and Planning: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 01 / 1

P-1 Line Item Number / Title:
0164 / V-22 (Medium Lift)

Date: February 2015

Item Number / Title [DODIC]:
1 / 0164 MV-22

| | | | | , | -7 | | | | | | | |
|---------------------------------------|-------------|-------------|--|--------------------------------------|-----------------|---------------|------------------------------|---------------|------------|------------------------|-------------------------------|----------------------|
| Cost Elements | 0 C 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.1.1) Airframe/CFE ^(†) | | 2008 (4) | Bell Boeing / Amarillo, TX | SS / FPIF | NAVAIR | Feb 2008 | Dec 2012 | 2 | 58,079.546 | Y | | Jul 200 |
| 1.1.1) Airframe/CFE ^(†) | | 2011 (5) | Bell Boeing / Amarillo, TX | SS / FPIF | NAVAIR | Oct 2010 | Jan 2013 | 30 | 58,870.627 | Y | | Jul 200 |
| 1.1.1) Airframe/CFE ^(†) | | 2012 | Bell Boeing / Amarillo, TX | SS / FPIF | NAVAIR | Nov 2011 | Nov 2013 | 30 | 60,501.200 | Y | | Jul 200 |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | Bell Boeing / Amarillo, TX | SS / FPIF | NAVAIR | Dec 2012 | Dec 2014 | 18 | 61,097.992 | Y | | Feb 201 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | Bell Boeing / Amarillo, TX | SS / FPIF | NAVAIR | Nov 2013 | Nov 2015 | 19 | 61,486.045 | Y | | Feb 201 |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | Bell Boeing / Amarillo, TX | SS / FPIF | NAVAIR | Dec 2014 | Dec 2016 | 19 | 64,252.925 | Υ | | Feb 201 |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | Bell Boeing / Amarillo, TX | SS / FPIF | NAVAIR | Dec 2015 | Dec 2017 | 19 | 65,602.227 | Y | | Feb 201 |
| 1.1.3) Engines/Eng Acc ^(†) | | 2012 | Allison Engine Co. (Rolls Royce) / Indianapolis, IN | SS/FFP | NAVAIR | Jan 2012 | Apr 2013 | 60 | 2,156.017 | Y | | Dec 201 |
| 1.1.3) Engines/Eng Acc ^(†) | | 2013 | Allison Engine Co. (Rolls Royce) / Indianapolis, IN | SS/FFP | NAVAIR | Jan 2013 | Mar 2014 | 36 | 2,206.250 | Y | | Dec 201 |
| 1.1.3) Engines/Eng Acc ^(†) | | 2014 | Allison Engine Co. (Rolls Royce) / Indianapolis, IN | SS/FFP | NAVAIR | Jan 2014 | Mar 2015 | 38 | 2,254.132 | Y | | Dec 201 |
| 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 201 |
| 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 201 |

^(†) indicates the presence of a P-21

Footnotes:

⁽⁴⁾ FY 2008 included 2 GWOT funded MV-22 aircraft and 5 GWOT funded CV-22 aircraft. The span of delivery of aircraft in production lots with supplemental funded aircraft (i.e. GWOT and OCO) will exceed 12 months due to production capacity and necessity to meet currently scheduled MV-22 and CV-22 deliveries. In addition, the lack of advance procurement funding for supplemental aircraft means there is a 3-year (vice 2-year) production lead time.

⁽⁵⁾ FY 2011 included 1 OCO funded CV-22 aircraft with a planned delivery of May 2015.

| Ex | hibi | t P-2 | 21, Pro | duction | on Sc | hedu | le: P | B 201 | 6 Na | vy | | | | | | 1001 | | | | | | | | Date | e: Fel | oruary | 2015 | 5 | | | |
|---------------|--------|-----------------------|-----------------------|--------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|
| | | pria t / 01 | tion / E | Budge | t Acti | vity / | Bud | get S | ub A | ctivity | / : | | | ltem -22 (N | | | Title: | | | | | | | | | n ber / MV-22 | Title | [DOI | DIC]: | | |
| | | | Cost Ele (Units in | | | | | | | | | Fiscal Y | ear 2008 | 3 | | | | | | | | | | Fiscal Y | ear 2009 |) | | | | | |
| | | | | | ACCEPT | | | | | | | | | (| Calendar | Year 20 | 08 | | | | | | | | Cale | ndar Yea | r 2009 | | | | |
| 0 0 | R | Y S | SERVICE | PROC QTY | PRIOR TO 1 OCT 2007 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| | | rame/CI | | | | | l | | | | | | | | | | | | <u> </u> | | | 1 | | | | | <u> </u> | | | | |
| | | | eries: 183 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 20 | 08 NA | AVY | 2 (6) | - | 2 | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| | 1 20 | 08 AF | F ^(‡) | 2 | _ | 2 | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| \dashv | 1 20 | 08 To | otal | 4 | - | 4 | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| | 1 20 | 11 NA | AVY | 30 ⁽⁷⁾ | _ | 30 | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| \dashv | 1 20 | 11 AF | F ^(‡) | 5 | | 5 | | 1 | | | | | | | | | | | | | | | | | | | | | | | 5 |
| \dashv | 1 20 | 11 To | | 35 | - | 35 | | | | | | | | | | | | | | | | | | | | | | | | | 35 |
| | _ | 12 N | | 30 | - | 30 | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| | 1 20 | 12 AF | F ^(‡) | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| | 1 20 | 12 To | otal | 35 | - | 35 | | | | | | | | | | | | | | | | | | | | | | | | | 35 |
| | 1 20 | 13 NA | AVY | 18 ⁽⁸⁾ | - | 18 | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | 1 20 | 13 AF | F ^(‡) | 4 | - | 4 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| \dashv | 1 20 | 13 To | otal | 22 | - | 22 | | | | | | | | | | | | | | | | | | | | | | | | | 22 |
| | 1 20 | 14 NA | AVY | 19 ⁽⁹⁾ | - | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| | 1 20 | 114 AF | F ^(‡) | 4 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | 1 20 | 14 To | otal | 23 | - | 23 | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| | 1 20 | 15 NA | AVY | 19 | - | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| | 1 20 | 16 NA | AVY | 19 | - | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 1.1. | 3) Eng | ines/En | ng Acc | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | _ | | eries: 430 | | | | | | | | | | | 1 | 1 | | | | | | | | | | 1 | 1 | | | 1 | | |
| _ | _ | 12 NA | | 60 | - | 60 | | + | | | | | | | | | | | | | | | | | | | | | | <u> </u> | 60 |
| | _ | 112 AF | | 10 | - | 10 | _ | 1 | | | | | | | | | | | | | | | | | | | | | | <u> </u> | 10 |
| \rightarrow | _ | 12 To | | 70 | - | 70 | | + | | | | | | | | | | | | | | | | | | | | | | | 70 |
| | | 13 NA | | 36 ⁽¹⁰⁾ | - | 36 | | 1 | | | | | | | | | | | | | | | | | | | | | | | 36 |
| | _ | 113 AF | F ^(‡) | 4 | - | 4 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| \rightarrow | _ | 13 To | | 40 | - | 40 | | | | | | | | | | | | | | | | | | | | | | | | | 40 |
| | 2 20 | 14 NA | AVY | 38 (11) | - | 38 | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | 2 20 | 114 AF | F ^(‡) | 8 | - | 8 | | | | | | | | | | | | | | | | | | | | | | | | | 8 |
| | 2 20 | 14 To | otal | 46 | - | 46 | | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J L | A U G | S E P | B A L |

LI 0164 - V-22 (Medium Lift) Navy UNCLASSIFIED
Page 6 of 18

40 Volume 1 - 60

| ΙE | xhibit | P-21, Pro | oduct | ion Scl | hedu | le: PB 2016 Nav | У | | | Date: February 2015 | |
|-----|--------|-----------|---------------------|----------|--------|------------------------|---|-------------------------------|--|------------------------------|--|
| - 1 | | | Budge | et Activ | vity / | Budget Sub Ac | • | P-1 Line Item Number / Title: | | Item Number / Title [DODIC]: | |
| 1 | 506N / | 01 / 1 | | | | | | 0164 / V-22 (Medium Lift) | | 1 / 0164 MV-22 | |
| | | | lements in Each) | | | | F | iscal Year 2008 | | Fiscal Year 2009 | |
| | 1 | | | ACCEPT | | | | Calendar Year 2008 | | Calendar Year 2009 | |

| | | | | ements n Each) | | | | | | | J F M A M J J | | | | | | | | | | | | | Fiscal Y | ear 2009 |) | | | | | |
|-----|---|------|---------|-------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|-------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | ACCEPT | | | | _ | | Calendar Year 200 | | | | | | | | | | | | | | Cale | ndar Yea | r 2009 | | | | |
| 0 0 | | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2007 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | A | A P R | M A Y | J U N | J J | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| | 2 | 2015 | NAVY | 38 | - | 38 | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | 2 | 2016 | NAVY | 38 | - | 38 | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

| _ | | | 04.5 | | | | | D 004 | 0.11 | | | | | | | | FIEL | | | | | | | D-1 | | | 0045 | | | | |
|---------------|------------|---------------|----------------------------|---------------------|---------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|----------|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|--------|--------|-------------|-------------|-------------|
| | | | -21, Pro | | | | | | | | | | | | | | | | | | | | | | | | 2015 | | | | |
| | | | ation / 1 11 / 1 | Budge | t Acti | ivity / | Bud | get S | ub A | ctivity | / : | | | tem -22 (N | | | | | | | | | | | n Nun)164 N | | Title | [DOI | DIC]: | | |
| | | | | lements in Each) | | | | | | | | Fig. asl V | ear 2010 | , | | | | | | | | | | Figure V | ear 2011 | | | | | | |
| | | | (Units i | | ACCEPT | | | | | | _ | FISCAI I | rear 2010 | | Calendar | Year 20 | 10 | | | | _ | | - | riscai i | | ndar Yea | r 2011 | | | | - |
| 0 | M F | | | | PRIOR TO 1 | BAL DUE | 0 | N | D | J | F | М | А | М | J | J | А | S E | 0 | N | D | J | F | М | Α | м | J | J | Α | s | В |
| C | | Y | SERVICE | PROC QTY | OCT 2009 | AS OF 1 OCT | C T | O V | E | A N | E B | A R | P R | A Y | U N | U | U G | P E | C | O V | E | A N | E B | A R | P R | A Y | U N | U L | U G | E P | A L |
| 1.1. | .1) Airfra | rame/ | /CFE (1) | | | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | |
| | | | liveries: 183 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 200 | 08 | NAVY | 2 (6) | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| | 1 200 | 08 | AF ^(‡) | 2 | _ | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| \dashv | 1 200 | | Total | 4 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| \rightarrow | _ | - | NAVY | 30 (7) | - | 30 | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | 30 |
| \dashv | 1 20 | 111 | AF ^(‡) | 5 | _ | 5 | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | 5 |
| \dashv | 1 20 | \rightarrow | Total | 35 | - | 35 | | | | | | | | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | 35 |
| | _ | - | NAVY | 30 | - | 30 | | | | | | | | | | | | | | | | | | | | | | | | | 30 |
| | 1 20 | 12 | AF ^(‡) | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 20 | 12 | Total | 35 | - | 35 | | | | | | | | | | | | | | | | | | | | | | | | | 35 |
| | 1 20 | 13 | NAVY | 18 ⁽⁸⁾ | - | 18 | | | | | | | | | | | | | | | | | | | | | | | | | 18 |
| | 1 20 | 13 | AF ^(‡) | 4 | - | 4 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | 1 20 | 13 | Total | 22 | - | 22 | | | | | | | | | | | | | | | | | | | | | | | | | 22 |
| | 1 20 | 114 | NAVY | 19 ⁽⁹⁾ | - | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| | 1 20 | 14 | AF ^(‡) | 4 | _ | 4 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | 1 20 | 14 | Total | 23 | - | 23 | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| | 1 20 | 15 | NAVY | 19 | - | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| | 1 20 | 16 | NAVY | 19 | - | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 1.1. | 3) Engi | ines/ | Eng Acc | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | | | liveries: 430 | | | | | | 1 | 1 | | | 1 | 1 | 1 | 1 | | | | | 1 | | 1 | | 1 | | ı | | 1 | | 1 |
| \rightarrow | | \rightarrow | NAVY | 60 | - | 60 | | - | | | - | - | - | | | | | | | | | | | | | | | | | <u> </u> | 60 |
| _ | 2 20 | | AF ^(‡) | 10 | - | 10 | | | | | - | _ | | | | | | | | | | | | | | | | | | ļ | 10 |
| \rightarrow | _ | \rightarrow | Total | 70 | - | 70 | | - | | | - | - | | | | | | | | | | | | | | | | | | - | 70 |
| \rightarrow | | | NAVY | 36 ⁽¹⁰⁾ | - | 36 | | | | | - | | | | | | | | | | | | | | | | | | | <u> </u> | 36 |
| \rightarrow | _ | - | AF ^(‡) | 4 | - | 4 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| _ | _ | - | Total | 40 | - | 40 | | - | | | - | | | | | | | | | | | | | | | | | | | <u> </u> | 40 |
| - | | | NAVY | 38 (11) | - | 38 | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| \rightarrow | 2 20 | \rightarrow | AF ^(‡) | 8 | - | 8 | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> | 8 |
| | 2 20 | 14 | Total | 46 | - | 46 | | | | | | | | | | | | | | | | | | | | | | | | | 46 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J L | A U G | S E P | B A L |

LI 0164 - V-22 (Medium Lift) Navy

| Exhibit P-21, Production Schedu | ile: PB 2016 Navy | | Date: February 2015 | |
|--|----------------------|--|--|--|
| Appropriation / Budget Activity / 1506N / 01 / 1 | Budget Sub Activity: | P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift) | Item Number / Title [DODIC]: 1 / 0164 MV-22 | |
| Cost Elements | | 5 1 17 2010 | = | |

| | | | Cost El (Units i | ements n Each) | | | | | | Fiscal Year 2010 Calendar Year 2010 J F M A M J J A A E A P A U U U U N B R R Y N L G | | | | | | | | Fiscal Y | ear 2011 | | | | | | | | | | | | |
|---|-------------|------|---------------------|-------------------|------------------------------|------------------------------|-------------|-------------|-------------|---|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | ACCEPT | | | | | Calendar Year 2010 | | | | | | 0 | | | | | | | | Calen | ıdar Yeaı | r 2011 | | | | | |
| C | M F R | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2009 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | Calendar Year 2010 | | | | | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U | A U G | S E P | B A L | | |
| | 2 | 2015 | NAVY | 38 | - | 38 | | | | Calendar Year 2010 | | | | | | | | | | | | | | | | | | | | 38 | |
| | 2 | 2016 | NAVY | 38 | - | 38 | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

LI 0164 - V-22 (Medium Lift) Navy

| | | P-21, Pro | | | | | | | - | : | P-1 | Line | Item | Num | ber/ | Title: | | | _ | | | | | | ruary nber / | | | DIC1: | | |
|-------|---------|-------------------|--------------------|----------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|--------|----------|-------------|-----------------|-------------|--------|-------------|-------------|----------|
| | | 01/1 | | | · · · · · · | _ 0.0., | 90.0. | | | - | - 1 | | | /lediu | | | | | | | | | | | ЛV-22 | | | | | |
| | | | lements | | | | | | | | 0.0 | | | | | | | | | | | | 1.70 | | | | | | | |
| | | | in Each) | | | | | | | | Fiscal Y | ear 2012 | | | | | | | | | | | Fiscal Y | ear 2013 | | | | | | l |
| | | | | ACCEPT | | | | | | | | | C | alendar | Year 201 | 2 | | | | | | | | Calen | dar Year | 2013 | | | | |
| O F | | SERVICE | PROC QTY | PRIOR TO 1 OCT | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | n n | A U G | S E P | O C T | N O V | D E C | J A N | F E | M A | A P R | M A Y | J U N | n 1 | A U G | S E P | B A |
| 0 # | | | QIT | 2011 | 1001 | ' | _ v | C | N | В | K | K | T | N | L | G | Р | | V | L C | N | В | R | ĸ | T | N | L | G | Р | L |
| | | ne/CFE (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior | 1 | Deliveries: 183 | (C) | | 1 | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2008 | | 2 (6) | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | | - | - | - | - | - | - | - | — |
| 1 | 2008 | AF ^(‡) | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | |
| 1 | 2008 | Total | 4 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 | - | - | - | - | |
| 1 | 2011 | NAVY | 30 ⁽⁷⁾ | - | 30 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | |
| 1 | 2011 | AF ^(‡) | 5 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | - | - | 1 | 1 | - | |
| 1 | 2011 | Total | 35 | - | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 3 | 4 | 3 | 2 | 3 | 4 | 4 | 3 | |
| 1 | 2012 | NAVY | 30 | - | 30 | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| 1 | 2012 | AF ^(‡) | 5 | - | 5 | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2012 | ? Total | 35 | - | 35 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| 1 | 2013 | NAVY | 18 ⁽⁸⁾ | - | 18 | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | 1 |
| 1 | 2013 | AF ^(‡) | 4 | _ | 4 | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | |
| 1 | 2013 | Total | 22 | - | 22 | | | | | | | | | | | | | | | - | - 1 | - | - | - | - | - | - | - | - | 2: |
| 1 | 2014 | NAVY | 19 ⁽⁹⁾ | _ | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 1 | 2014 | AF (‡) | 4 | _ | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2014 | 7 11 | 23 | | 23 | | | | | | | | | | | | | | | | | | | | | | | | | 2: |
| 1 | 2015 | | 19 | | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 1 | 2016 | | 19 | | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 19 |
| 1.1.3 | | es/Eng Acc | | | | l | | | J. | | | | | | | | | | | | | | | | | | | | | |
| Prior | Years E | Deliveries: 430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2012 | NAVY | 60 | - | 60 | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 6 | 6 | 6 | 7 | 7 | 2 |
| 2 | 2012 | AF ^(‡) | 10 | - | 10 | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | |
| 2 | 2012 | ! Total | 70 | - | 70 | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 | 7 | 7 | 7 | 8 | 8 | 2 |
| 2 | 2013 | NAVY | 36 ⁽¹⁰⁾ | - | 36 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | 3 |
| 2 | 2013 | AF ^(‡) | 4 | _ | 4 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | |
| 2 | | 7.0 | 40 | | 40 | | | | | | | | | | | | | | | | - | | _ | - | - | - | - | - | - | 4 |
| 2 | | | 38 (11) | _ | 38 | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 |
| _ | - | Total | 8 46 | | 8 46 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| | 2014 | IUIAI | 46 | | 46 | 0 | N | D | J | F | М | A | М | J | J | A | S | 0 | N | D | J | F | М | A | м | J | J | Α | s | В В |
| | | | | | | С | 0 | E | A | E | Α | P | Α | U | Ü | U | E | С | 0 | E | A | E | Α | P | A | U | U | U | E | A |
| | | | | | | Т | V | С | N | В | R | R | Y | N | L | G | P | Т | V | С | N | В | R | R | Υ | N | L | G | Р | L |

LI 0164 - V-22 (Medium Lift) Navy UNCLASSIFIED
Page 10 of 18

P-1 Line #8

| Exhibit P-21, Production Schedul | le: PB 2016 Navy | | Date: February 2015 | |
|--|----------------------|--|--|--|
| Appropriation / Budget Activity / 1506N / 01 / 1 | Budget Sub Activity: | P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift) | Item Number / Title [DODIC]: 1 / 0164 MV-22 | |
| Cost Elements (Units in Each) | | Fiscal Year 2012 | Fiscal Year 2013 | |

| | | | | ements n Each) | | | | | | AEAPAUU | | | | | | | | | | | | | | Fiscal Y | ear 2013 | | | | | | |
|---|-------------|------|---------|-------------------|------------------------------|------------------------------|-------------|-------------|-------------|--------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | ACCEPT | | | | | Calendar Year 2012 | | | | | | | 2 | | | | | | | | Calen | dar Year | r 2013 | | | | |
| C | M F R | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2011 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | Calendar Year 2012 J F M A M J J A A E A P A U U U | | | | | S E P | 0 C T | N 0 N | D E C | J A N | F E B | M A R | A P R | M A Y | J | J U L | A U G | S E P | B A L | | |
| | 2 | 2015 | NAVY | 38 | - | 38 | | | | Calendar Year 2012 | | | | | | | | | | | | | | | | | | | | 38 | |
| | 2 | 2016 | NAVY | 38 | - | 38 | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

| Ex | hibi | it P | -21, Pro | oduction | on Sc | hedul | le: PE | 3 2016 | 6 Nav | /y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | 5 | | | |
|---------|--------|---------------|--------------------|--------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|-------------|-------------|-------------|-------------|-------------|
| | | | ation / I 1 / 1 | Budge | t Acti | vity / | Budg | get Su | ıb Ac | tivity | | | | | | ber / m Lift) | | | | | | | | | | nber / //V-22 | | [DOE | DIC]: | | |
| | | | | ements n Each) | | | | | | | | Fiscal Y | ear 2014 | | | | | | | | | | | Fiscal Ye | ar 2015 | | | | | | |
| | | | | | ACCEPT | | | | | | | | | (| Calendar | Year 201 | 14 | | | | | | | | Caler | dar Year | 2015 | | | | |
| 0 1 0 1 | F R | Υ | SERVICE | PROC QTY | PRIOR TO 1 OCT 2013 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | JUL | A U G | S E P | B A L |
| | | | CFE (1) | 4 | | | | | | | | | | | | | | | - | | | | | | | | | | | | |
| | | | iveries: 183 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ŀ | _ | _ | NAVY | 2 (6) | 1 | 1 | - | - | - | - | - | - | - | 1 | | | | | | | | | | | | | | | | | Τ. |
| 1 | 1 20 | 008 | AF ^(‡) | 2 | <u>·</u> 1 | 1 | - | 1 | - | - | - | - | - | - | 1 | | | | | | | | | | | | | | | | <u> </u> |
| ٠, | 1 20 | | Total | 4 | 2 | | _ | 1 | _ | - | - | _ | _ | 1 | 1 | | | | | | | | | | | | | | | | - |
| 1 | _ | - | NAVY | 30 (7) | 24 | 6 | 3 | 2 | 1 | | | | | | J | | | | | | | | | | | | | | | | _ |
| - | 1 20 | 011 | AF ^(‡) | 5 | 4 | 1 | 1 | - | - | 1 | | | | | | | | | | | | | | | | | | | | | |
| - | | | Total | 35 | 28 | | 4 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | H |
| - | _ | - | NAVY | 30 | - | 30 | | 1 | 2 | | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 4 | | | | | | | | | | | | _ |
| 1 | _ | _ | AF ^(‡) | 5 | _ | 5 | - | - | - | 1 | - | - | 1 | - | 1 | _ | 1 | 1 | - | | | | | | | | | | | | _ |
| - | 1 20 | - | Total | 35 | - | 35 | _ | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 4 | | | | | | | | | | | | - |
| 1 | 1 20 | 013 | NAVY | 18 (8) | _ | 18 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 1 | 1 |
| 1 | 1 20 | 013 | AF ^(‡) | 4 | | 4 | - | - | - | - | - | - | _ | - | - | - | - | - | _ | - | - | _ | 1 | - | _ | 1 | _ | 1 | - | - | + |
| ٦, | | | Total | 22 | | 22 | _ | - | - | _ | - | _ | _ | - | - | - | _ | _ | _ | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | |
| - | _ | \rightarrow | NAVY | 19 ⁽⁹⁾ | _ | 19 | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | | - | - | - | - | - | 1 |
| 1 | 1 20 | 014 | AF ^(‡) | 4 | | 4 | | A - | - | _ | _ | - | _ | - | - | _ | - | - | - | - | - | _ | - | - | | - | - | - | - | _ | <u> </u> |
| - | _ | | Total | 23 | - | 23 | | - | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | | _ | _ | _ | _ | _ | _ | _ | _ | 2 |
| - | _ | - | NAVY | 19 | | 19 | | - | _ | - | | _ | | | _ | - | _ | - | _ | - | A - | | _ | - | | _ | - | _ | _ | - | 1 |
| - | _ | - | NAVY | 19 | - | 19 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 1.1.3 | 3) Eng | gines/E | Eng Acc | | | | | | | | | | | | | | | | | | | | | l | | | l | | | - | |
| Prio | r Year | rs Deli | iveries: 430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| 2 | 2 20 | 012 | NAVY | 60 | 38 | 22 | 6 | 5 | 6 | 5 | | | | | | | | | | | | | | | | | | | | | - |
| 2 | 2 20 |)12 | AF ^(‡) | 10 | 6 | 4 | 1 | 2 | 1 | - | | | | | | | | | | | | | | | | | | | | | - |
| 2 | 2 20 |)12 | Total | 70 | 44 | 26 | 7 | 7 | 7 | 5 | | | | | | | | | | | | | | | | | | | | | - |
| 2 | 2 20 | 013 | NAVY | 36 ⁽¹⁰⁾ | - | 36 | - | - | - | - | - | 4 | 4 | 2 | 4 | 1 | 4 | 4 | 4 | 4 | 3 | - | - | - | - | - | - | - | - | - | |
| 2 | 2 20 | 013 | AF ^(‡) | 4 | - | 4 | - | - | - | - | - | - | - | 2 | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2 | 2 20 | 013 | Total | 40 | - | 40 | - | - | - | - | - | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | - | - | - | - | - | - | - | - | - | |
| 2 | 2 20 | 014 | NAVY | 38 (11) | - | 38 | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 2 | 4 | 4 | 4 | 2 | 4 | 1 |
| 2 | 2 20 | 014 | AF ^(‡) | 8 | _ | 8 | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - | 2 | - | 2 | - | |
| 1 | 2 20 | 014 | Total | 46 | - | 46 | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 4 | 4 | 6 | 4 | 4 | 4 | l 1 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

LI 0164 - V-22 (Medium Lift) Navy UNCLASSIFIED
Page 12 of 18

Volume 1 - 66

| Exhibit P-21, Production Schedu | le: PB 2016 Navy | | Date: February 2015 | |
|--|----------------------|--|--|--|
| Appropriation / Budget Activity / 1506N / 01 / 1 | Budget Sub Activity: | P-1 Line Item Number / Title: 0164 / V-22 (Medium Lift) | Item Number / Title [DODIC]: 1 / 0164 MV-22 | |
| Cost Elements (Units in Each) | | Fiscal Year 2014 | Fiscal Year 2015 | |

| | | | | ements n Each) | | | | | | | | Fiscal Y | ear 2014 | | | | | | | | | | | Fiscal Y | ear 2015 | | | | | | |
|---|-------------|------|---------|-------------------|------------------------------|------------------------------|-------------|-------------|-------------|---|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | | | | ACCEPT | | | | | | A E A P A U U | | | | | | 4 | | | | | | | | Caler | ndar Year | 2015 | | | | |
| C | M F R | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2013 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | Calendar Year 2014 | | | | | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U | A U G | S E P | B A L | | |
| | 2 | 2015 | NAVY | 38 | - | 38 | | | | Calendar Year 2014 D J F M A M J J A E A E A P A U U U C N B R R Y N L G | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | 38 | |
| | 2 | 2016 | NAVY | 38 | - | 38 | | | | | | | | | | | | | | | | | | | | | | | | | 38 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

| Exh | ibit | P-21, Pro | oducti | on Sc | hedu | le: Pl | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | e: Fe | bruar | / 201 | 5 | | | |
|-----------------|--------------------|-------------------------|---------------------|---------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|-------------|-------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|--------------|--------|--------|--------|-------------|----------|
| \p p | rop 6N / | riation / 01 / 1 | Budge | et Acti | vity / | Budg | get Sı | ub Ac | tivity | : | | | | | ber / m Lift | | | | | | | | | | nber MV-2 | | [DOI | DIC]: | | |
| | , | | lements in Each) | | | | | | | | Fiscal Y | oar 2016 | | | | | | | | | | | Fiscal Y | /oar 201 | , | | | | | Τ |
| | | (Office) | III Eacii) | ACCEPT | | | | | | | riscai i | ear 2010 | | `alondar | Year 201 | 6 | | | | | | | riscai i | | ndar Yea | r 2017 | | | | + |
| М | | | | PRIOR | BAL | _ | | | _ [| | | | | aieridai | | | | _ | | | . [| | | | | Ι. | | _ | | + |
|) F R) # | | SERVICE | PROC QTY | TO 1 OCT 2015 | AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | P R | M A Y | N U J | U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | P R | M A Y | U N | U L | U G | S E P | |
| .1.1) | Airfran | me/CFE ⁽¹⁾ | | | | | | ļ | | | | | | | | | | | | | | | | | | | | | | |
| rior | Years [| Deliveries: 183 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2008 | NAVY | 2 (6) | 2 | _ | | | | | | | | | | | | | | | | | | | | | | | | | T |
| 1 | 2008 | 3 AF (‡) | 2 | 2 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2008 | _ | 4 | 4 | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2011 | | 30 (7) | 30 | + | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2011 | 1 AF (‡) | 5 | 5 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2011 | 7.0 | 35 | 35 | | - | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| 1 | 2012 | _ | 30 | 30 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2012 | 2 AF ^(‡) | 5 | 5 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2012 | 2 Total | 35 | 35 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2013 | B NAVY | 18 ⁽⁸⁾ | 16 | 2 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | | | | | | | | |
| 1 | 2013 | 3 AF ^(‡) | 4 | 3 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | | | | | |
| 1 | 2013 | 3 Total | 22 | 19 | 3 | 2 | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | | | | | | | | |
| 1 | 2014 | 1 NAVY | 19 ⁽⁹⁾ | _ | 19 | - | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | - | - | | | | | | | | | | |
| 1 | 2014 | 1 AF (‡) | 4 | _ | 4 | - | - | - | - | - | - | - | 1 | - | - | 1 | - | 1 | - | 1 | | | | | | | | | | |
| 1 | 2014 | 1 Total | 23 | - | 23 | - | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 3 | - | 1 | - | | | | | | | | | |
| 1 | 2015 | 5 NAVY | 19 | - | 19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | : |
| 1 | 2016 | NAVY | 19 | - | 19 | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| .1.3) | Engine | es/Eng Acc | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | _ | Deliveries: 430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| 2 | - | 2 NAVY | 60 | 60 | | - | | | | | | | | | | | | | | | | | | | | | | | | _ |
| 2 | | 7.0 | 10 | 10 | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | 2012 | | 70 | 70 | - | | 1 | 1 | | | 1 | | | | | | | | | | | | | | | | | | | |
| 2 | | | 36 ⁽¹⁰⁾ | 34 | 2 | | - | - | - | 2 | | | | | | | | | | | | | | | | | | | | <u></u> |
| 2 | | 7.0 | 4 | 4 | - | - | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| _ | 2013 | _ | 40 | 38 | 2 | _ | - | - | - | 2 | | | | | ٦ | | | | | | | | | | | | | | | |
| 2 | 2014 | 1 NAVY | 38 (11) | 24 | 14 | 2 | 2 | 4 | 2 | 4 | - | - | - | - | | | | | | | | | | | | | | | | |
| 2 | 2014 | 4 AF ^(‡) | 8 | 6 | 2 | - | - | - | - | - | - | - | - | 2 | | | | | | | | | | | | | | | | L |
| 2 | 2014 | 1 Total | 46 | 30 | 16 | 2 | 2 | 4 | 2 | 4 | - | - | - | 2 | | | | | | | | | , | | | | | , | , | |
| | | | | | | 0 | N O | D E | J A | F E | M A | A P | M A | Ŋ | J | A U | S E | O C | N O | D E | J | F E | M A | A P | M A | J | Ŋ | A U | S E | |
| | | | | | | T | V | Č | N | В | R | R | Ŷ | N | Ľ | G | P | C T | v | C | N N | В | R | R | Ŷ | N | Ľ | G | P | î |

LI 0164 - V-22 (Medium Lift) Navy UNCLASSIFIED
Page 14 of 18

P-1 Line #8

| E | xhi | bit P | -21, Pro | oducti | ion Sc | hedu | le: PE | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | 1 | | | |
|-------------|-------------|-------|------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|
| | | • | ation / I | Budge | et Acti | vity / | Budç | get Si | ub Ac | tivity | : | | Line 4 / V- | | | | | | | | | | | 1 | | ber / 1V-22 | | [DOD | IC]: | | |
| | | | | lements in Each) | | | | | | | | Fiscal Ye | ear 2016 | | | | | | | | | | | Fiscal Ye | ar 2017 | | | | | | |
| | | | | | ACCEPT | | | | | | | | | С | alendar | Year 201 | 6 | | | | | | | | Calen | dar Year | 2017 | | | | |
| 0 C 0 | M F R | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2015 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| | 2 | 2015 | NAVY | 38 | - | 38 | - | - | - | - | - | 2 | 2 | 2 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 2 | 4 | | | | | | | | - |
| | 2 | 2016 | NAVY | 38 | - | 38 | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 4 | 4 | 4 | 2 | 4 | 4 | 14 |
| | | | | | | | 0 | N | D | J | F | M | A | М | J | J | Α | S | 0 | N | D | J | F | M | A | М | J | J | A | s | В |

| | | | | | | | | | | | | | | | | AJJI | | | | | | | | | | | | | | | |
|---------------|--------|--------|---------------------------|--------------------|-----------------|--------|--------|--------|--------|---------|------------|----------|---------|--------|---------|-------------------|--------|--------|--------|--------|--------|--------|--------|----------|---------------------|---------|--------|--------|-------|--------|----------|
| Ex | hik | oit F | P-21, Pr | oducti | on Sc | hedu | le: PE | 3 201 | 6 Na | vy | | | | | | | | | | | | | | Date | e: Fel | ruary | 2015 | 5 | | | |
| | | | iation / 01 / 1 | Budge | t Acti | vity / | Budg | get Sı | ub A | ctivity | ' : | - 1 | | | | nber / ım Lift | | : | | | | | | | Nun 164 N | | Title | [DOI | DIC]: | | |
| | - | | | lements | | | | | | , | | | | | | | | | | | | | | | | | | | | | |
| | | | (Units | in Each) | | | | | | | | Fiscal Y | ear 201 | 8 | | | | | | | _ | 1 | | Fiscal Y | ear 2019 | | | | | | |
| | м | | | | ACCEPT PRIOR | BAL | | | 1 | | | | | | Calenda | r Year 20 | 18 | | | | 1 | | | | Caler | dar Yea | r 2019 | | | | |
| 0 | R | | | PROC | TO 1 OCT | AS OF | | N O | D E | J A | F E | M A | A P | M A | Ŋ | Ŋ | A U | S E | C | N O | D E | J A | F E | M A | A P | M A | n 1 | J U | U | S E | B A |
| 0 | | FY | SERVICE | QTY | 2017 | 1 OCT | Т | V | С | N | В | R | R | Y | N | L | G | Р | Т | V | С | N | В | R | R | Y | N | L | G | Р | L |
| | | | e/CFE (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| _ | | | eliveries: 183 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | NAVY | 2 (6) | 2 | - | - | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 2 | 2008 | AF ^(‡) | 2 | 2 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| \rightarrow | _ | | Total | 4 | 4 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 2 | 2011 | NAVY | 30 ⁽⁷⁾ | 30 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 2 | 2011 | AF ^(‡) | 5 | 5 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 : | 2011 | Total | 35 | 35 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 2 | 2012 | NAVY | 30 | 30 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 2 | 2012 | AF ^(‡) | 5 | 5 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 2 | 2012 | Total | 35 | 35 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 2 | 2013 | NAVY | 18 (8) | 18 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 2 | 2013 | AF ^(‡) | 4 | 4 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | - |
| \dashv | 1 : | 2013 | Total | 22 | 22 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 2 | 2014 | NAVY | 19 ⁽⁹⁾ | 19 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | 1 2 | 2014 | AF ^(‡) | 4 | 4 | _ | - | | | | | | | | | | | | | | | | | | | | | | | | _ |
| \dashv | | | Total | 23 | 23 | - | - | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| \rightarrow | _ | | NAVY | 19 | 16 | - | 1 | 2 | 7 | | | | | | | | | | | | | | | | | | | | | | _ |
| \rightarrow | - | | NAVY | 19 | - | 19 | | - | + | 1 2 | 2 | 2 | | 1 | 2 | 2 2 | 2 | 2 1 | 2 |] | | | | | | | | | | | - |
| 1.1. | .3) Eı | ngines | Eng Acc | 1 | | | | l . | | | | 1 | | | | | | | ļ | | | | | | | | | | | | |
| Pric | or Ye | ars De | eliveries: 430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | NAVY | 60 | 60 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 2 2 | 2012 | AF ^(‡) | 10 | 10 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 2 2 | 2012 | Total | 70 | 70 | _ | 1 | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 2 2 | 2013 | NAVY | 36 ⁽¹⁰⁾ | 36 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | - |
| \dashv | 2 2 | 2013 | AF ^(‡) | 4 | 4 | _ | 1 | | | | | | | | | | | | | | | | | | | | | | | | _ |
| \rightarrow | _ | | Total | 40 | 40 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | - |
| _ | _ | | NAVY | 38 (11) | 38 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | _ |
| \rightarrow | | 2014 | AF ^(‡) | - | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Total | 8 46 | 8 46 | | - | | | | | | | | | | | | | | | | | | | | | | | | - |
| | - - | 2014 | IUIAI | 40 | 46 | | 0 | N | D | J | F | М | Α | М | J | J | A | s | 0 | N | D | J | F | М | Α | М | J | J | Α | s | В |
| | | | | | | | C T | 0 V | E | A N | E B | A R | P R | A Y | U N | U | Ü | E P | C T | 0 V | E | A N | E B | A R | P R | A Y | U | Ü | Ü | E P | A |

LI 0164 - V-22 (Medium Lift) Navy UNCLASSIFIED
Page 16 of 18

| Ex | hi | bit F | P-21, Pr | oduct | ion Sc | hedu | le: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | e: Feb | oruary | 2015 | 5 | | | |
|-------------|----|-------|---------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|
| | - | - | iation / 01 / 1 | Budg | et Acti | vity / | Budg | jet Sı | ıb Ac | tivity | : | | Line 64 / V- | | | | | | | | | | | | | n ber / MV-22 | | [DOI | DIC]: | | |
| | | | | lements in Each) | | | | | | | | Fiscal Y | rear 2018 | | | | | | | | | | | Fiscal Y | ear 2019 | 1 | | | | | |
| | | | | | ACCEPT | | | | | | | | | C | alendar | Year 201 | 8 | | | | | | | | Caler | ndar Yeaı | r 2019 | | | | |
| 0 C 0 | R | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2017 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| | 2 | 2015 | NAVY | 38 | 38 | - | | | | | | | ' | , | | | | | | | | | | | | | | , | | | - 1 |
| | 2 | 2016 | NAVY | 38 | 24 | 14 | 4 | 4 | 2 | 2 | 2 | | | | | | | | | | | | | | | | | | | | - |
| Ì | | | | NAVY 38 38 - | | | | | | | | | A P | M A | J | n 1 | A U G | S E | 0 C T | N O | D E | J A N | F E | M A | A P | M A | J U | N N | A U G | S E | B A |

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0164 / V-22 (Medium Lift) | 1 / 0164 MV-22 |

| | | Produc | ction Rates (Each | / Year) | , | , | | Procurement Le | adtime (Months) | | | |
|-----|--|--------------|-------------------|--------------|----------------|-------------|---------|----------------|-----------------|-------------|---------|-------------|
| MFR | | | | | | Initi | al | | | Reo | rder | |
| Ref | | | | | ALT | ALT | | Total | ALT | ALT | | Total |
| # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 |
| 1 | Bell Boeing - Amarillo, TX | 16 | 25 | 44 | 19 | 3 | 24 | 27 | - | 2 | 24 | 26 |
| 2 | Allison Engine Co. (Rolls Royce) - Indianapolis, IN | - | - | 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 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) FY 2011 included 1 OCO funded CV-22 aircraft with a planned delivery of MAY 2015.
- (8) Extended delivery cycle for MV-22 aircraft delivery for FY2013 Congressional Add (Operational Loss Aircraft)
- ⁽⁹⁾ Extended delivery cycle for CV-22 aircraft delivery for FY2014 Congressional Add (Operational Loss Aircraft)
- (10) Extended delivery cycle for MV-22 engine delivery for FY2013 Congressional Add (Operational Loss Aircraft).
- (11) Extended delivery cycle for CV-22 engine delivery for FY2014 Congressional Add (Operational Loss Aircraft).

P-1 Line #8

⁽⁶⁾ FY 2008 incuded 2 GWOT funded MV-22 aircraft. Deliveries occurred in Dec 2012 and May 2014. FY2008 also included 5 OCO funded CV-22 aircraft with all 5 aircraft having been delivered by Nov 2013. The span of delivery of aircraft in production lots with supplemental funded aircraft (i.e. GWOT and OCO) exceed the 12 months due to production capacity and necessity to meet currently scheduled MV-22 and CV-22 deliveries. In addition, the lack of advance procurement funding for supplemental aircraft means there is a 3-year (vice 2-year) production lead time.

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Aircraft

0164 / V-22 (Medium Lift)

P-1 Line Item Number / Title:

Program Elements for Code B Items: Other Related Program Elements:

Line Item MDAP/MAIS Code: 212 Item MDAP/MAIS Code(s):

| Line item WDAF/WAIS Code. 212 | Itelli MD | AF/IVIAIS COU | le(5). | | | | | | | | | |
|---|-----------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Gross/Weapon System Cost (\$ in Millions) | 1,438.485 | 53.113 | 45.920 | 43.853 | - | 43.853 | 117.944 | 154.741 | 20.050 | 41.055 | 205.752 | 2,120.913 |
| Net Procurement (P1) (\$ in Millions) | 1,438.485 | 53.113 | 45.920 | 43.853 | - | 43.853 | 117.944 | 154.741 | 20.050 | 41.055 | 205.752 | 2,120.913 |
| Total Obligation Authority (\$ in Millions) | 1,438.485 | 53.113 | 45.920 | 43.853 | - | 43.853 | 117.944 | 154.741 | 20.050 | 41.055 | 205.752 | 2,120.913 |

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 strike rescue 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 460: 360 MV-22 Marine Corps aircraft, 48 Navy aircraft, and 52 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 (39.0M), remote transmitters (36.6M), drag strut actuator assemblies (35.8M), and steering unit supplier pull (35M). 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.

The production of the Navy's variant will begin during the FYDP. The configuration of this variant 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.

LI 0164 - V-22 (Medium Lift) Navy UNCLASSIFIED
Page 1 of 4

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Aircraft

0164 / V-22 (Medium Lift)

Program Elements for Code B Items:

Other Related Program Elements:

P-1 Line Item Number / Title:

Line Item MDAP/MAIS Code: 212

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| 1 / 0164 MV-22 | P-10 | | - / 1,438.485 | - / 53.113 | - / 45.920 | - / 43.853 | -/ - | - / 43.853 |
| Total Gross/Weapon System Cost | | | - / 1,438.485 | - / 53.113 | - / 45.920 | - / 43.853 | -1 - | - / 43.853 |

*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 add due to rounding.

Justification:

FY 2016 Advance Procurement funding is 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.

LI 0164 - V-22 (Medium Lift) Navy

P-1 Line #9

| | | | UNCLASSIFIED | | | |
|---|--|----------------|---------------------------------------|-------------------------------------|---------------------------------------|-------------------|
| Exhibit P-10, Advance Procureme | nt Requirements Analys | is (page 1 - E | Budget Funding Justific | ation): PB 2016 Navy | Date: February 2015 | |
| Appropriation / Budget Activity / E 1506N / 01 / 1 | Budget Sub Activity: | 1 | em Number / Title: 2 (Medium Lift) | | P-5 Number / Title: 1 / 0164 MV-22 | |
| First System (2016) Award Date: November 2013 | First System (2016) Comp October 2015 | letion Date: | | Interval Between Syste 24 Months | ems: | |
| 0164 MV-22 | Production (Mont | | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) |
| Quantity | | | 263 | 19 | 19 | 19 |
| Cost Element | When (Mont | | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) |
| CFE | | | | | | |
| Prior Years EOQ/Long Lead | | 0 | 1,128.530 | - | - | - |
| FY13 Long Lead | | 0 | 59.073 | - | - | - |
| FY14 Long Lead | | 0 | 62.484 | - | - | - |
| FY14 EOQ | | 0 | 18.050 | - | - | - |
| FY15 Long Lead | | 0 | - | 40.017 | - | - |
| FY15 EOQ | | 0 | 15.690 | - | - | - |
| FY16 Long Lead | | 0 | - | - | 40.410 | - |
| FY16 EOQ | | 0 | 15.690 | 5.898 | - | - |
| FY17 Long Lead | | 0 | - | - | - | 38.590 |
| FY17 EOQ | | 0 | 14.870 | 3.546 | - | - |
| Total: CFE | | | 1,314.387 | 49.461 | 40.410 | 38.590 |
| GFE | | | | | | |
| GFE Other | | 0 | 86.028 | - | - | - |
| GFE Com/Nav | | 0 | 18.150 | 1.770 | 3.000 | 2.579 |
| GFE EW | | 0 | 19.920 | 1.882 | 2.510 | 2.684 |
| Total: GFE | | | 124.098 | 3.652 | 5.510 | 5.263 |
| Total Advance Procurement/Obligation Au | thority | | 1,438.485 | 53.113 | 45.920 | 43.853 |

LI 0164 - V-22 (Medium Lift) Navy

P-1 Line #9

Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2016 NavyDate: February 2015Appropriation / Budget Activity / Budget Sub Activity:P-1 Line Item Number / Title:
0164 / V-22 (Medium Lift)P-5 Number / Title:
1 / 0164 MV-22

| 1.555.17.51.7.1 | 1 1 | (| | | 110101111 | | |
|--|---------------|------------------------------------|-----------|---------------------------|--------------------|--------|---------------------------------|
| | | | | FY 2 | 2016 | | |
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | |
| Prior Years EOQ/Long Lead | - | | | | | | - |
| FY13 Long Lead | - | | | | | | - |
| FY14 Long Lead | - | | | | | | - |
| FY14 EOQ | - | | | | | | - |
| FY15 Long Lead | - | | | | | | - |
| FY15 EOQ | - | | | | | | - |
| FY16 Long Lead | - | | | | | | - |
| FY16 EOQ | - | | | | | | - |
| FY17 Long Lead | - | | | | | | 38.590 |
| FY17 EOQ | - | | | | | | - |
| Total: CFE | | | | | | | 38.590 |
| GFE | | | | | | | |
| GFE Other | - | | | | | | - |
| GFE Com/Nav | - | | | | | | 2.579 |
| GFE EW | - | | | | | | 2.684 |
| Total: GFE | | | | | | · | 5.263 |
| Total Advance Procurement/Obligation Authority | | | | | | | 43.853 |

Description:

Advance Procurement will be used to procure long lead items.

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0178 / UH-1Y/AH-1Z

Aircraft

ID Code (A=Service Ready, B=Not Service Ready): A Other Related Program Elements: 0604245N, 0206120M

Line Item MDAP/MAIS Code: 101 Item MDAP/MAIS Code(s):

| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
|---|---------------|------------------|-------------------|------------------|-----------------|-------------------|---------------|---------------|------------|---------|----------|------------|
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Procurement Quantity (Units in Each) | 186 | 23 | 31 | 28 | - | 28 | 27 | 27 | 27 | - | - | 349 |
| Gross/Weapon System Cost (\$ in Millions) | 5,525.648 | 664.928 | 899.057 | 863.411 | - | 863.411 | 916.653 | 898.395 | 979.856 | 16.889 | 16.476 | 10,781.313 |
| Less PY Advance Procurement (\$ in Millions) | 165.369 | 64.311 | 60.000 | 63.354 | - | 63.354 | 56.168 | 57.232 | 58.324 | - | - | 524.758 |
| Net Procurement (P1) (\$ in Millions) | 5,360.279 | 600.617 | 839.057 | 800.057 | - | 800.057 | 860.485 | 841.163 | 921.532 | 16.889 | 16.476 | 10,256.555 |
| Plus CY Advance Procurement (\$ in Millions) | 229.680 | 60.000 | 63.354 | 56.168 | - | 56.168 | 57.232 | 58.324 | - | - | - | 524.758 |
| Total Obligation Authority (\$ in Millions) | 5,589.959 | 660.617 | 902.411 | 856.225 | - | 856.225 | 917.717 | 899.487 | 921.532 | 16.889 | 16.476 | 10,781.313 |
| (The following | Resource Sumi | mary rows are fo | r informational p | urposes only. Th | e corresponding | g budget requests | are documente | d elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | 0.983 | - | 0.658 | - | 0.658 | - | - | - | - | - | 1.641 |
| Flyaway Unit Cost (\$ in Thousands) | 24,767.672 | 24,141.304 | 25,626.871 | 27,272.714 | - | 27,272.714 | 30,026.852 | 30,429.889 | 33,771.963 | - | - | 26,545.218 |
| 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 include 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 extend autonomous weapons engagement ranges.

Quantities in FY 2014 and FY 2015 do not match the P-1 exhibit, they reflect the expected execution adjustments and allow for FY 2016 data to be properly analyzed and evaluated.

LI 0178 - UH-1Y/AH-1Z

Navy

UNCLASSIFIED

Page 1 of 22

P-1 Line #10

Volume 1 - 77

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0178 / UH-1Y/AH-1Z

Aircraft

ID Code (A=Service Ready, B=Not Service Ready) : A Program Elements for Code B Items: Other Related Program Elements: 0604245N, 0206120M

Volume 1 - 78

Line Item MDAP/MAIS Code: 101

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| 1 / UH-1Y | P-5, P-5a, P-21 | | 120 / 3,203.510 | 13 / 356.053 | 15 / 390.789 | 12 / 339.245 | - / - | 12 / 339.245 |
| 2 / AH-1Z | P-5, P-5a, P-21 | | 66 / 2,322.138 | 10 / 308.875 | 16 / 508.268 | 16 / 524.166 | - / - | 16 / 524.166 |
| Total Gross/Weapon System Cost | | | 186 / 5,525.648 | 23 / 664.928 | 31 / 899.057 | 28 / 863.411 | - 1 - | 28 / 863.411 |

*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 add due to rounding.

Justification:

Basis for FY 2016 Budget Request: Funds are requested in FY 2016 to procure 28 AH-1Z/UH-1Y helicopters. FY 2016 completes the program of record procurement of 160 UH-1Y aircraft.

Airframe unit cost updates in FY 2014 through the FYDP reflect reduced prime contractor labor rates and subcontractor material costs as a result of implementation of Better Buying Power and should cost initiatives, aggressive negotiations, and contract type. Due to rate changes, planned quantities beginning in FY 2014 have been adjusted to allow program completion in FY 2019 vice FY 2020. FY 2014 procurement will be 23 aircraft. FY 2015 Buy-to-Budget will be 31 aircraft.

FY 2016 GFE Electronics increases due to obsolescence of APR-39B(V)2, and Gen II Mission Computers. The cost of the new APR-39D(V)2 system doubles from the older version, \$320K to \$650K. APR-39B(V)2 was an analog system electronic design with legacy quadrant sensors, receivers, and a single blade omni antenna. APR-39D(V)2 is a digital processing system with multiband sensors, digital receivers, and a dual blade omni antenna. The new version provides significantly increased threat detection and situational awareness as well as improves AAR-47 functionality. The cost of the new Tech Refresh Mission Computer increased from the Gen II from \$137K to \$238K.

All new engines are factored into the budget from FY 2016 through the FYDP. The program prefers to procure new T-700-401C engines for higher maintainability, 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.

Armament and Ancillary changes due to realignment between cost codes of mission-required components such as M-299 missile launchers and turret components. AH-1Z Armament also includes our barrels and M-197 20 mm guns previously harvested at no cost from AH-1W aircraft which must now be procured new, at cost, for all future lots beginning in FY 2015 Lot 12 due to unavailability of legacy components.

Support Cost elements (Airframe PGSE, Other ILS, Pub/Tech Eq) include depot stand-up in compliance with Title 10 organic depot capability requirement.

FY 2016 Peculiar Training Equipment includes one AH-1Z flight training device for MCAS Kaneohe Bay. HI to be awarded 2Q FY 2016.

Resource Summary should reflect 23 aircraft in FY 2014; 31 aircraft in FY 2015.

UNCLASSIFIED Page 2 of 22 P-1 Line #10

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|---|---|--|
| 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 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--|-----------------------------|---------------------------|---------------------------|---------------------|-------------|---------------|
| Procurement Quantity (Units in Each) | 120 | 13 | 15 | 12 | - | 12 |
| Gross/Weapon System Cost (\$ in Millions) | 3,203.510 | 356.053 | 390.789 | 339.245 | - | 339.245 |
| Less PY Advance Procurement (\$ in Millions) | 108.315 | 39.859 | 37.188 | 27.152 | - | 27.152 |
| Net Procurement (P1) (\$ in Millions) | 3,095.195 | 316.194 | 353.601 | 312.093 | - | 312.093 |
| Plus CY Advance Procurement (\$ in Millions) | 148.175 | 37.188 | 27.152 | - | - | - |
| Total Obligation Authority (\$ in Millions) | 3,243.370 | 353.382 | 380.753 | 312.093 | - | 312.093 |
| (The following Resource Summary rows are for information | onal purposes only. The cor | responding budget request | s are documented elsewher | re.) | | |
| Initial Spares (\$ in Millions) | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 26,695.917 | 27,388.692 | 26,052.600 | 28,270.417 | - | 28,270.417 |

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

| | P | rior Years | ; | | FY 2014 | | | FY 2015 | | FY | 2016 Bas | e | FY | 2016 OC | 0 | FY | 2016 Tota | al |
|--|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|---------------------------------------|----------------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | 1 | | | Į. | | | | | | | | | | l. | | J. | - |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 17,780.033 | 120 | 2,133.604 | 18,762.312 | 13 | 243.910 | 18,916.883 | 15 | 283.753 | 19,384.069 | 12 | 232.609 | - | - | - | 19,384.069 | 12 | 232.6 |
| 1.1.2) GFE Electronics | - | - | 212.876 | - | - | 30.699 | - | - | 35.408 | - | - | 35.221 | - | - | - | - | - | 35.2 |
| 1.1.3) Engines/Eng Acc (new) ^{(†) (3)} | 525.076 | 224 | 117.617 | - | - | - | - | - | - | 819.806 | 24 | 19.675 | - | - | - | 819.806 | 24 | 19.6 |
| 1.1.4) Engines/Eng Acc (refurb) ^(†) | 428.813 | 16 | 6.861 | 370.985 | 26 | 9.646 | 377.291 | 30 | 11.319 | - | - | - | - | - | - | - | - | |
| 1.1.5) Armament | - | - | 1.526 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.1.6) Other GFE | - | - | 38.767 | - | - | 2.547 | - | - | 2.713 | - | - | 2.280 | - | - | - | - | - | 2.2 |
| 1.1.7) ECO | - | - | 51.031 | - | - | 4.878 | - | - | 5.675 | - | - | 4.652 | - | - | - | - | - | 4.6 |
| Subtotal: Recurring Cost | - | - | 2,562.282 | - | - | 291.680 | - | - | 338.868 | - | - | 294.437 | - | - | - | - | - | 294.4 |
| Non Recurring Cost | • | | | • | | | | | | • | | | • | | • | · · · · · · · · · · · · · · · · · · · | * | |
| 1.2.1) Non-Recur Cost | - | - | 125.857 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.2.2) Ancillary Equip | - | - | 14.815 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Subtotal: Non Recurring Cost | - | - | 140.672 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Subtotal: Flyaway Cost | - | - | 2,702.954 | - | - | 291.680 | - | - | 338.868 | - | - | 294.437 | - | - | - | - | - | 294.4 |
| Support Cost | | | | | , | | | · | | | | | | | * | * | , | |
| 2.1) Airframe PGSE (4) | _ | _ | 137.644 | - | _ | 12.973 | _ | - | 15.280 | _ | _ | 11.947 | _ | _ | _ | _ | - | 11.9 |

UNCLASSIFIED Page 3 of 22

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|---|---|---|
| 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 add, due to rounding.

MDAP/MAIS Code:

| | F | rior Years | 3 | | FY 2014 | | | FY 2015 | | F | 1 2016 Ba | se | F | / 2016 OC | 0 | F' | Y 2016 Tot | tal |
|-----------------------------|------------|----------------------|-------------------------|------------|----------------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|----------------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.2) Pec trng Eq | - | - | 95.794 | - | - | 17.884 | - | - | 2.033 | - | - | 1.662 | - | - | - | - | - | 1.662 |
| 2.3) Pub/Tech Eq (5) | - | - | 76.450 | - | - | 3.914 | - | - | 4.363 | - | - | 3.019 | - | - | - | - | - | 3.019 |
| 2.4) Prod Eng Supt | - | - | 106.497 | - | - | 11.579 | - | - | 12.681 | - | - | 12.898 | - | - | - | - | - | 12.898 |
| 2.5) Other ILS (6) | - | - | 81.178 | - | - | 18.023 | - | - | 17.564 | - | - | 15.282 | - | - | - | - | - | 15.282 |
| 2.6) Reclamation | - | - | 2.993 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Support Cost | - | - | 500.556 | - | - | 64.373 | - | - | 51.921 | - | - | 44.808 | - | - | - | - | - | 44.808 |
| Gross/Weapon System Cost | 26,695.917 | 120 | 3,203.510 | 27,388.692 | 13 | 356.053 | 26,052.600 | 15 | 390.789 | 28,270.417 | 12 | 339.245 | - | - | - | 28,270.417 | 12 | 339.245 |

^(†) indicates the presence of a P-5a

LI 0178 - UH-1Y/AH-1Z

Footnotes:

- (1) Airframe unit cost updates in FY 2014 through the FYDP reflect reduced prime contractor labor rates and subcontractor material costs as a result of implementation of Better Buying Power and should cost initiatives, aggressive negotiations, and contract type. Due to rate changes, planned quantities beginning in FY 2014 have been adjusted to allow program completion in FY 2019 vice FY 2020. FY 2016 completes the program of record procurement of 160 UH-1Y aircraft.
- (2) FY 2016 GFE Electronics increase due to obsolescence of APR-39B(V)2 and Gen II Mission Computers. The cost of the new APR-39D(V)2 system doubles from the older version, \$320K to \$650K. APR-39B was an analog system electronic design with legacy quadrant sensors, receivers, and a single blade omni antenna. APR-39D(V)2 is a digital processing system with multiband sensors, digital receivers, and a dual blade omni antenna. The new version provides significantly increased threat detection and situational awareness as well as improves AAR-47 functionality. The cost of the new Tech Refresh Mission Computer increased from the Gen II from \$137K to \$238K.
- (3) All new engines are factored into the budget from FY 2016 through the FYDP. The program prefers to procure new T-700-401C engines 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.
- (4) Airframe PGSE includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability.
- (5) FY 2016 Pub/Tech Equipment includes publications in support of new requirements for overhaul procedures, which lowers total ownership costs across the life cycle.
- (6) Other ILS includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability requirement.

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Exhibit P-5a, Procurement History and Planning: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 01 / 1

P-1 Line Item Number / Title:
0178 / UH-1Y/AH-1Z

Date: February 2015

Item Number / Title [DODIC]:
1 / UH-1Y

| | 0 | | | Method/Type | | | Date | | | Specs | | RFP |
|---|---|------|--|-----------------------|-----------------|---------------|----------------------|----------------------|------------|------------|-----------------------|---------------|
| Cost Elements | C | FY | Contractor and Location | or Funding Vehicle | Location of PCO | Award Date | of First Delivery | Qty (Each) | Unit Cost | Avail Now? | Revision Available | Issue Date |
| 1.1.1) Airframe/CFE ^(†) | 1 | 2009 | Bell Helicopter Textron, Inc (7) / Hurst, TX | C / FFP | NAVAIR | | Nov 2012 | 4 | 18,029.000 | | Jan 2009 | Aug 20 |
| 1.1.1) Airframe/CFE ^(†) | 1 | 2010 | Bell Helicopter Textron, Inc ⁽⁷⁾ / Hurst, TX | C / FFP | NAVAIR | Jul 2011 | Jan 2014 | 1 | 19,101.000 | Y | Jan 2010 | Aug 20 |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | Bell Helicopter Textron, Inc ⁽⁷⁾ / Hurst, TX | C / FPIF | NAVAIR | Dec 2012 | Dec 2014 | 16 | 19,679.620 | Υ | Jan 2013 | Jan 20 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | Bell Helicopter Textron, Inc ⁽⁷⁾ / Hurst, TX | C / FPIF | NAVAIR | May 2014 | Jan 2016 | 13 | 18,762.312 | Y | Jan 2014 | Jan 20 |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | Bell Helicopter Textron, Inc ⁽⁷⁾ / Hurst, TX | C / FPIF | NAVAIR | Jun 2015 | Oct 2016 | 15 | 18,916.883 | Y | Jan 2015 | Jan 20 |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | Bell Helicopter Textron, Inc ⁽⁷⁾ / Hurst, TX | C / FPIF | NAVAIR | Jan 2016 | Oct 2017 | 12 | 19,384.069 | Y | Jan 2016 | Jan 2 |
| 1.1.3) Engines/Eng Acc (new) ^(†) | | 2011 | General Electric, Co. / Lynn, MA | C/FFP | AMCOM | Jun 2011 | Feb 2012 | 36 | 295.278 | Υ | Oct 2010 | |
| 1.1.3) Engines/Eng Acc (new) ^(†) | | 2012 | General Electric, Co. / Lynn, MA | C / FFP | AMCOM | Mar 2012 | Mar 2013 | 30 | 738.500 | Y | Oct 2011 | |
| 1.1.3) Engines/Eng Acc (new) ^(†) | | 2013 | General Electric, Co. / Lynn, MA | C / FFP | AMCOM | Jan 2013 | Oct 2014 | 16 | 814.507 | Y | Oct 2012 | |
| 1.1.3) Engines/Eng Acc (new) ^(†) | | 2016 | General Electric, Co. / Lynn, MA | C/FFP | AMCOM | Jan 2016 | Jan 2017 | 24 | 819.806 | Υ | Oct 2015 | |
| 1.1.4) Engines/Eng Acc (refurb) ^(†) | | 2013 | GE Engine Services / Cincinnati, OH | C / IDIQ | NAVAIR | Jan 2013 | Mar 2014 | 16 | 428.795 | Υ | Nov 2012 | |
| 1.1.4) Engines/Eng Acc (refurb) ^(†) | | 2014 | GE Engine Services / Cincinnati, OH | C / IDIQ | NAVAIR | Apr 2014 | Apr 2014 | 26 | 370.985 | N | Apr 2014 | |
| 1.1.4) Engines/Eng Acc (refurb) ^(†) | | 2015 | GE Engine Services / Cincinnati, OH | C / IDIQ | NAVAIR | Feb 2015 | Feb 2015 | 30 | 377.291 | N | Feb 2015 | |
| dvance Procurement | | | | | | | | | | | | |
| Dynamic Component Parts | | 2013 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2012 | Oct 2014 | 1 | 4,505.000 | N | Jan 2012 | Jan 2 |
| Dynamic Component Parts | | 2014 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Mar 2014 | Oct 2015 | 1 | 4,203.000 | N | Jan 2013 | Jan 2 |
| Dynamic Component Parts | | 2015 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2014 | Oct 2016 | 1 | 3,067.757 | N | Jan 2014 | Jan 2 |
| UH-1Y Cabin Materials | | 2013 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2012 | Oct 2014 | 1 | 25,739.000 | N | Jan 2012 | Jan 2 |
| UH-1Y Cabin Materials | | 2014 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Mar 2014 | Oct 2015 | 1 | 24,014.000 | N | Jan 2013 | Jan 2 |
| UH-1Y Cabin Materials | | 2015 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2014 | Oct 2016 | 1 | 17,533.220 | N | Jan 2014 | Jan 2 |
| Other (forgings, bearings, shafts, castings, bolts, pins, etc.) | | 2013 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2012 | Oct 2014 | 1 | 9,616.000 | N | Jan 2012 | Jan 2 |
| Other (forgings, bearings, shafts, castings, bolts, pins, etc.) | | 2014 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Mar 2014 | Oct 2015 | 1 | 8,971.000 | N | Jan 2013 | Jan 2 |
| Other (forgings, bearings, shafts, castings, bolts, pins, etc.) | | 2015 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2014 | Oct 2016 | 1 | 6,550.736 | N | Jan 2014 | Jan 2 |

(†) indicates the presence of a P-21

LI 0178 - UH-1Y/AH-1Z Navy

| Exhibit P-5a, Procurement History and Planning: PB 2010 | 6 Navy | Date: February 2015 |
|---|--|---|
| 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 |
| | | |
| Footnotes: (7) Production Rates reflected apply to the combined production of the UH-1Y and AH | -1Z with the exception of the UH-1Y Max. Due to tooling limitations, UH- | -1Y Max is 19/year. |
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LI 0178 - UH-1Y/AH-1Z Navy UNCLASSIFIED Page 6 of 22

| Evł | ihit E | P-21, Pr | oducti | on Sc | hodu | DF DF | 3 201 | 6 Nav | /\ <i>I</i> | | | | | | | | | | | | | | Date | · Fob | ruary | 2015 | | | | — |
|------------|------------|----------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| App | | iation / | | | | | | | - | : | - 1 | | Item H-1Y/ | | | Title: | | | | | | | Item | | ber / | | [DOE | DIC]: | | |
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| | | (0,,,,,, | | ACCEPT | | | | | | | | | | alendar | Year 200 | 19 | | | | | | | | | ıdar Yeaı | r 2010 | | | | |
| O F C R | | SERVICE | PROC QTY | PRIOR TO 1 OCT 2008 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J U L | A U G | S E P | B A L |
| 1.1.1 |) Airframe | c/CFE ⁽¹⁾ | | | | | | | | | | | | | | ı | ı | l. | ı | | | | | | | | ı | l. | l. | |
| | | eliveries: 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| √ 1 | 2009 | NAVY | 4 | - | 4 | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | |
| √ 1 | 2010 | NAVY | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2013 | NAVY | 16 | - | 16 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2014 | NAVY | 13 | - | 13 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2015 | | 15 | - | 15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2016 | | 12 | - | 12 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1.3 |) Engines | /Eng Acc (ne | ew) ⁽³⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior | | eliveries: 142 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | NAVY | 36 | - | 36 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | _ | NAVY | 30 | - | 30 | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3 | | | 16 | - | 16 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2014 | | 26 | - | 26 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 2015 | NAVY | 30 | - | 30 | | | | | | | | | | | | | | | | | | | | | | | | | |
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LI 0178 - UH-1Y/AH-1Z Navy

UNCLASSIFIED Page 7 of 22

P-1 Line #10

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| | Airframe | | QIT | 2010 | 1001 | ' | V | · | N | В | K | K | T | N | L | G | Р | ' | V | C | N | В | ĸ | K | T | N | L | G | Р |
| | | liveries: 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 1 | 2009 | | 4 | _ | 4 | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | - | - | _ | _ | - | _ | | _ | _ | _ | - | |
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| 1 | 2013 | NAVY | 16 | - | 16 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2014 | NAVY | 13 | - | 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2015 | NAVY | 15 | - | 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2016 | NAVY | 12 | - | 12 | | | | | | | | | | | | | | | | | | | | | | | | |
| rior ' | | Eng Acc (ne liveries: 142 NAVY | 36 | - | 36 | | | | | | | | | A - | _ | _ | - | - | - | - | - | 2 | 3 | 2 | 2 | 3 | 2 | 4 | 3 |
| 2 | 2012 | NAVY | 30 | - | 30 | | | | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - |
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| 1.1.4) | Engines/ | Eng Acc (ref | urb) | | | | | | | | | | | | | | | , | | | | , | , | | | | | | |
| 3 | 2013 | NAVY | 16 | - | 16 | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3 | 2015 | NAVY | 30 | - | 30 | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | C T | 0 V | E | A N | E B | A R | P R | A Y | U N | U | U G | E P | C T | 0 V | E C | A N | E B | A R | P R | A Y | U N | U L | U G | E P |

LI 0178 - UH-1Y/AH-1Z Navy UNCLASSIFIED Page 8 of 22

| | | t P-21, Pr | | | | | | | - | | | | | | | | | | _ | | | | | | oruary | | | | | |
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| T. | | | | ACCEPT | | | | | | | | | (| Calendar | Year 201 | 3 | | | | | | | | Cale | ndar Yea | r 2014 | | | | |
| M F R | | Y SERVICE | PROC QTY | PRIOR TO 1 OCT 2012 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |
| | | ame/CFE (1) | 4 | 2012 | 1.001 | • | • | | | | | | • | | _ | | | · | • | | | | | | | | | | | |
| | | s Deliveries: 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 200 | 09 NAVY | 4 | - | 4 | - | 4 | | | | | | | | | | | | | | | | | | | | | | | Т |
| 1 | 201 | 10 NAVY | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | | | | | | | | | |
| 1 | 201 | 13 NAVY | 16 | - | 16 | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 201 | 14 NAVY | 13 | - | 13 | | | | | | | | | | | | | | | | | | | | Α - | - | - | - | - | |
| 1 | 201 | 15 NAVY | 15 | - | 15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 16 NAVY | 12 | - | 12 | | | | | | | | | | | | | | | | | | | | | | | | | |
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LI 0178 - UH-1Y/AH-1Z Navy

UNCLASSIFIED Page 9 of 22

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| 1.1.1) Airl | rame/CFE | (1) | | | | | | | | | | | | | | | 1 | | | | 1 | | | | | | 1 | | | |
| | rs Deliverie | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 009 NAV | | 4 | 4 | - 1 | | | | | | | | | | | | | | | | | | | | | | | | | \top |
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| 1 20 | 014 NAV | Y | 13 | - | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | , |
| | 015 NAV | | 15 | - | 15 | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | _ | + |
| | 016 NAV | | 12 | - | 12 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | _ | + |
| 1 1 3) Fn | gines/Eng | Acc (nev | v) ⁽³⁾ | | | | | | | | | | | 1 | | | -1 | | | ļ. | | | | | | | ı | ļ. | | |
| | rs Deliverie | | , | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 011 NAV | | 36 | 36 | - 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 012 NAV | | 30 | 30 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 013 NAV | | 16 | - | 16 | 4 | 2 | 2 | 4 | 2 | 2 | 1 | | | | | | | | | | | | | | | | | | |
| | 016 NAV | | 24 | | 24 | | | _ | - | | | | | | | Τ | | | | | Α - | - | - | - | - | - | - | - | | + |
| | gines/Eng | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | |
| | 013 NAV | | 16 | 16 | - | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | 014 NAV | | 26 | 24 | 2 | - | - | - | 2 | | | | | | | | | | | | | | | | | | | | | |
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LI 0178 - UH-1Y/AH-1Z Navy UNCLASSIFIED

P-1 Line #10 Volume 1 - 86

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| 1.1) Airframe/CFE (1) ior Years Deliveries: 99 1 2009 NAVY | # |
| 1 2009 NAVY | 1) Airframe/CFF (1) |
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| 1 2016 NAVY 12 - 12 1 1 1 1 1 2 1 1 1 1 | |
| 1.3) Engines/Eng Acc (new) (3) ior Years Deliveries: 142 2 | 1 2015 NAVY 15 - 15 1 1 2 1 2 1 2 1 1 1 1 1 |
| ior Years Deliveries: 142 2 | 1 2016 NAVY 12 - 12 1 1 1 1 2 1 1 1 1 |
| ior Years Deliveries: 142 2 | J.3) Engines/Eng Acc (new) (3) |
| 2 2012 NAVY 30 30 2 2013 NAVY 16 16 2 2016 NAVY 24 - 24 2 2 2 2 2 4 2 2 2 2 2 1.4) Engines/Eng Acc (refurb) 3 2013 NAVY 16 16 3 2014 NAVY 26 26 3 2015 NAVY 30 30 O N D J F M A M J J A S O N D J F M A M J J A S | |
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| 2 2016 NAVY 24 - 24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | |
| 1.4) Engines/Eng Acc (refurb) 3 | |
| 3 2013 NAVY 16 16 - 3 2014 NAVY 26 26 - 3 2015 NAVY 30 30 - O N D J F M A M J J A S O N D J F M A M J J A S | |
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LI 0178 - UH-1Y/AH-1Z Navy UNCLASSIFIED
Page 11 of 22

P-1 Line #10

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Zanoki Zi, i i oddolon Gonoddio. i B Zo i o navy | | Date: 1 05.00.7 2010 |
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0178 / UH-1Y/AH-1Z | 1 / UH-1Y |

| | | Produ | ction Rates (Each | / Year) | | | • | Procurement Le | adtime (Months) | | | |
|----------|--|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-----------------------|--------------------|---------|----------------------|
| MFR | | | | | | Init | ial | | | Reo | rder | |
| Ref # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 |
| | Bell Helicopter Textron, Inc (7) - Hurst, TX | 24 | 26 | 32 | 12 | 2 | 24 | 26 | 12 | 2 | 24 | 26 |
| 2 | General Electric, Co Lynn, MA | 24 | 36 | 60 | 4 | 3 | 13 | 16 | 4 | 3 | 13 | 16 |
| 3 | GE Engine Services - Cincinnati, OH | 12 | 24 | 40 | 2 | 3 | 16 | 19 | 2 | 3 | 16 | 19 |

[&]quot;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 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:

LI 0178 - UH-1Y/AH-1Z
Navy

UNCLASSIFIED
Page 12 of 22
P-1 Line #10

Volume 1 - 88

⁽⁷⁾ Production Rates reflected apply to the combined production of the UH-1Y and AH-1Z with the exception of the UH-1Y Max. Due to tooling limitations, UH-1Y Max is 19/year.

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0178 / UH-1Y/AH-1Z | 2 / AH-1Z |

FY 2014

Prior Years

MDAP/MAIS Code:

FY 2015

FY 2016 Base

FY 2016 OCO

| Procurement Quantity (Units in Each) | 66 | 10 | 16 | 16 | - | 16 |
|--|-----------------------------|---------------------------|--------------------------|------------|---|------------|
| Gross/Weapon System Cost (\$ in Millions) | 2,322.138 | 308.875 | 508.268 | 524.166 | - | 524.166 |
| Less PY Advance Procurement (\$ in Millions) | 57.053 | 24.452 | 22.812 | 36.202 | - | 36.202 |
| Net Procurement (P1) (\$ in Millions) | 2,265.085 | 284.423 | 485.456 | 487.964 | - | 487.964 |
| Plus CY Advance Procurement (\$ in Millions) | 81.505 | 22.812 | 36.202 | 56.168 | - | 56.168 |
| Total Obligation Authority (\$ in Millions) | 2,346.590 | 307.235 | 521.658 | 544.132 | - | 544.132 |
| (The following Resource Summary rows are for information | onal purposes only. The cor | responding budget request | s are documented elsewhe | re.) | | |
| Initial Spares (\$ in Millions) | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 35,183.909 | 30,887.500 | 31,766.750 | 32,760.375 | - | 32,760.375 |

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

Resource Summary

ID Code (A=Service Ready, B=Not Service Ready) :

| | P | rior Years | 3 | | FY 2014 | | | FY 2015 | | FY | ' 2016 Bas | e | FY | 2016 OC | 0 | FY | 2016 Tota | al |
|---|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | | | , | , | | , | | | | | | | , | |
| Recurring Cost | | | | | | | | | | | | | | | | | _ | |
| 1.1.1) Airframe/CFE ^(†) (8) | 19,689.636 | 66 | 1,299.516 | 20,027.979 | 10 | 200.280 | 20,307.562 | 16 | 324.921 | 20,543.881 | 16 | 328.702 | - | - | - | 20,543.881 | 16 | 328.7 |
| 1.1.2) GFE Electronics (9) | - | - | 144.960 | - | - | 47.087 | - | - | 87.386 | - | - | 96.407 | - | - | - | - | - | 96.4 |
| 1.1.3) Engines/Eng Acc (new) ^{(†) (10)} | 638.708 | 48 | 30.658 | - | - | _ | 804.949 | 32 | 25.758 | 819.754 | 32 | 26.232 | - | _ | - | 819.754 | 32 | 26.2 |
| 1.1.4) Engines/Eng Acc (refurb) ^(†) | 300.250 | 84 | 25.221 | 370.970 | 20 | 7.419 | - | - | - | - | - | - | - | - | - | - | - | |
| 1.1.5) Armament (11) | - | - | 18.459 | - | - | 2.963 | - | - | 8.429 | - | - | 8.584 | - | - | - | - | - | 8.5 |
| 1.1.6) Other GFE | - | - | 28.452 | - | - | 1.815 | - | - | 2.573 | - | - | 2.700 | - | - | - | - | - | 2.7 |
| 1.1.7) Rec Flyaway ECO | - | - | 45.735 | - | - | 4.006 | - | - | 6.498 | - | - | 6.574 | - | - | - | - | - | 6.5 |
| Subtotal: Recurring Cost | - | - | 1,593.001 | - | - | 263.570 | - | - | 455.565 | - | - | 469.199 | - | - | - | - | - | 469.1 |
| Non Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.2.1) Non-Recur Cost | - | - | 123.843 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.2.2) Ancillary Equip | - | - | 186.989 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Non Recurring Cost | - | - | 310.832 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Flyaway Cost | - | - | 1,903.833 | - | - | 263.570 | - | - | 455.565 | - | - | 469.199 | - | - | - | - | - | 469.1 |

UNCLASSIFIED

LI 0178 - UH-1Y/AH-1Z Page 13 of 22 P-1 Line #10 Navy

FY 2016 Total

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|---|---|---|
| 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 add, due to rounding.

MDAP/MAIS Code:

| | P | rior Years | 3 | | FY 2014 | | | FY 2015 | | F۱ | ′ 2016 Bas | se | FY | / 2016 OC | 0 | F | / 2016 Tota | al |
|-----------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|----------------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.1) Airframe PGSE (13) | - | - | 89.479 | - | - | 11.211 | - | - | 16.431 | - | - | 12.392 | - | - | - | - | - | 12.39 |
| 2.2) Pec Trng Eq (14) | - | - | 88.522 | - | - | 8.702 | - | - | 4.749 | - | - | 16.059 | - | - | - | - | - | 16.05 |
| 2.3) Pub/Tech Eq (15) | - | - | 67.518 | - | - | 3.221 | - | - | 4.475 | - | - | 3.488 | - | - | - | - | - | 3.48 |
| 2.4) Prod Eng Supt | - | - | 108.595 | - | - | 11.676 | - | - | 12.906 | - | - | 12.126 | - | - | - | - | - | 12.12 |
| 2.5) Other ILS (16) | - | - | 61.198 | - | - | 10.495 | - | - | 14.142 | - | - | 10.902 | - | - | - | - | - | 10.90 |
| 2.6) Reclamation | - | - | 2.993 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Support Cost | - | - | 418.305 | - | - | 45.305 | - | - | 52.703 | - | - | 54.967 | - | - | - | - | - | 54.96 |
| Gross/Weapon System Cost | 35,183.909 | 66 | 2,322.138 | 30,887.500 | 10 | 308.875 | 31,766.750 | 16 | 508.268 | 32,760.375 | 16 | 524.166 | - | - | - | 32,760.375 | 16 | 524.16 |

^(†) indicates the presence of a P-5a

Footnotes:

- (8) Airframe unit cost updates in FY 2014 through the FYDP reflect reduced prime contractor labor rates and subcontractor material costs as a result of implementation of Better Buying Power and should cost initiatives, aggressive negotiations, and contract type. Due to rate changes, planned quantities beginning in FY 2014 have been adjusted to allow program completion in FY 2019 vice FY 2020.
- (9) FY 2016 GFE Electronics increases due to obsolescence of APR-39B(V)2, and Gen II Mission Computers. The cost of the new APR-39D(V)2 system doubles from the older version, \$320K to \$650K. APR-39B was an analog system electronic design with legacy quadrant sensors, receivers, and a single blade omni antenna. APR-39D(V)2 is a digital processing system with multiband sensors, digital receivers, and a dual blade omni antenna. The new version provides significantly increased threat detection and situational awareness as well as improves AAR-47 functionality. The cost of the new Tech Refresh Mission Computer increased from the Gen II from \$137K to \$238K.
- (10) All new engines are factored into the budget from FY 2016 through the FYDP. The program prefers to procure new T-700-401C engines 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.
- (11) Armament and Ancillary changes due to realignment between cost codes of AH-1Z mission-required components such as M-299 missile launchers and turret components. AH-1Z Armament also includes oun barrels and M-197 20 mm guns previously harvested at no cost from AH-1W aircraft which must now be procured new, at cost, for all future lots beginning in FY 2015 Lot 12 due to unavailability of legacy components.
- (12) Armament and Ancillary changes due to realignment between cost codes of AH-1Z mission-required components such as M-299 missile launchers and turret components. AH-1Z Armament also includes gun barrels and M-197 20 mm guns previously harvested at no cost from AH-1W aircraft which must now be procured new, at cost, for all future lots beginning in FY 2015 Lot 12 due to unavailability of legacy
- (13) Airframe PGSE includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability requirement.
- (14) FY 2016 Peculiar Training Equipment includes one AH-1Z flight training device for MCAS Kaneohe Bay, HI to be awarded 2Q FY 2016.
- (15) FY 2016 Pub/Tech Equipment includes publications in support of new requirements for overhaul procedures, which lowers total ownership costs across the life cycle.
- (16) Other ILS includes requirements to complete deferred depot stand-up in compliance with Title 10 organic depot capability requirement.

UNCLASSIFIED Page 14 of 22 P-1 Line #10

Exhibit P-5a, Procurement History and Planning: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:
1506N / 01 / 1

P-1 Line Item Number / Title:
0178 / UH-1Y/AH-1Z

P-1 Line Item Number / Title:
2 / AH-1Z

| 1506N / 01 / 1 | | | 01 | /8 / UH-1Y/AH-1 | <u> </u> | | | 2 / AH-1 | Z | | | |
|--|-------------|--------------|---|--------------------------------------|-----------------|---------------|------------------------------|---------------|------------|------------------------|-------------------------------|----------------------|
| Cost Elements | 0 C 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.1.1) Airframe/CFE | | 2010 | Bell Helicopter (17) / Fort Worth TX | C / FFP | NAVAIR | Jun 2010 | Aug 2011 | 5 | 21,102.000 | Y | Jan 2010 | Aug 2008 |
| 1.1.1) Airframe/CFE | 1 | 2010 (18) | Bell Helicopter (17) / Fort Worth TX | C / FFP | NAVAIR | Jun 2010 | Nov 2011 | 3 | 21,102.000 | Y | Jan 2010 | Aug 2008 |
| 1.1.1) Airframe/CFE ^(†) | | 2011 (19) | Bell Helicopter (17) / Fort Worth TX | C / FFP | NAVAIR | Jul 2011 | Sep 2012 | 10 | 19,645.000 | Y | Jan 2011 | Mar 2010 |
| 1.1.1) Airframe/CFE ^(†) | 1 | 2011 (20) | Bell Helicopter ⁽¹⁷⁾ / Fort Worth TX | C / FFP | NAVAIR | Jul 2011 | Dec 2014 | 3 | 19,645.000 | Y | Jan 2011 | Mar 2010 |
| 1.1.1) Airframe/CFE ^(†) | | 2012 (21) | Bell Helicopter ⁽¹⁷⁾ / Fort Worth TX | C / FFP | NAVAIR | Oct 2012 | Oct 2013 | 9 | 20,911.040 | Y | Jan 2012 | Jan 2011 |
| 1.1.1) Airframe/CFE ^(†) | 1 | 2012 (22) | Bell Helicopter ⁽¹⁷⁾ / Fort Worth TX | C / FFP | NAVAIR | Oct 2012 | Sep 2015 | 1 | 20,911.040 | Y | Jan 2012 | Jan 2011 |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | Bell Helicopter (17) / Fort Worth TX | C / FPIF | NAVAIR | Dec 2012 | Oct 2015 | 14 | 16,868.246 | Y | Jan 2013 | Jan 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | Bell Helicopter (17) / Fort Worth TX | C / FPIF | NAVAIR | May 2014 | Sep 2016 | 10 | 20,027.979 | Y | Jan 2014 | Jan 2013 |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | Bell Helicopter (17) / Fort Worth TX | C / FPIF | NAVAIR | Jun 2015 | Aug 2017 | 15 | 20,307.562 | Y | Jan 2015 | Jan 2014 |
| 1.1.1) Airframe/CFE ^(†) | 1 | 2015 | Bell Helicopter (17) / Fort Worth TX | C / FPIF | NAVAIR | Oct 2014 | Apr 2018 | 1 | 20,307.562 | Y | Jan 2015 | Jan 2014 |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | Bell Helicopter (17) / Fort Worth TX | C / FPIF | NAVAIR | Jan 2016 | May 2018 | 16 | 20,543.881 | Υ | Jan 2016 | Jan 2015 |
| 1.1.3) Engines/Eng Acc (new) ^(†) | 1 | 2011 | General Electric Co. / Lynn, MA | C/FFP | NAVAIR | Sep 2011 | May 2012 | 6 | 783.000 | Y | Oct 2010 | |
| 1.1.3) Engines/Eng Acc (new) ^(†) | | 2012 | General Electric Co. / Lynn, MA | C/FFP | NAVAIR | Mar 2012 | Mar 2013 | 12 | 500.158 | Υ | Oct 2011 | |
| 1.1.3) Engines/Eng Acc (new) ^(†) | 1 | 2012 | General Electric Co. / Lynn, MA | C/FFP | NAVAIR | Mar 2012 | Mar 2013 | 2 | 500.158 | Υ | Oct 2011 | |
| 1.1.3) Engines/Eng Acc (new) ^(†) | | 2013 | General Electric Co. / Lynn, MA | C/FFP | NAVAIR | Jan 2013 | Jan 2015 | 28 | 577.250 | Υ | Oct 2012 | |
| 1.1.3) Engines/Eng Acc (new) ^(†) | | 2015 | General Electric Co. / Lynn, MA | C/FFP | NAVAIR | Jan 2015 | Nov 2016 | 30 | 804.949 | Υ | Oct 2014 | |
| 1.1.3) Engines/Eng Acc (new) ^(†) | 1 | 2015 | General Electric Co. / Lynn, MA | C/FFP | NAVAIR | Oct 2014 | Jul 2017 | 2 | 804.949 | N | Oct 2014 | |
| 1.1.3) Engines/Eng Acc (new) ^(†) | | 2016 | General Electric Co. / Lynn, MA | C/FFP | NAVAIR | Jan 2016 | Aug 2017 | 32 | 819.754 | Y | Oct 2015 | |
| 1.1.4) Engines/Eng Acc (refurb) ^(†) | | 2011 | GE Engine Services / Cincinnati, OH | C / IDIQ | NAVAIR | Jun 2011 | Mar 2012 | 20 | 364.000 | Υ | Oct 2010 | |
| 1.1.4) Engines/Eng Acc (refurb) ^(†) | | 2012 | GE Engine Services / Cincinnati, OH | C / IDIQ | NAVAIR | Jun 2012 | Dec 2012 | 6 | 345.167 | Υ | Oct 2011 | |
| 1.1.4) Engines/Eng Acc (refurb) ^(†) | | 2014 | GE Engine Services / Cincinnati, OH | C / IDIQ | NAVAIR | Jan 2014 | Oct 2014 | 20 | 370.970 | Y | Oct 2013 | |
| Advance Procurement | | | | | | | | | | | | |
| AH-1Z Cabin Materials | | 2014 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Mar 2014 | Oct 2015 | 1 | 14,732.000 | N | Jan 2013 | Jan 2013 |
| AH-1Z Cabin Materials | | 2015 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2014 | Oct 2016 | 1 | 23,378.836 | N | Jan 2014 | Jan 2014 |
| AH-1Z Cabin Materials | | 2016 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2015 | Oct 2017 | 1 | 36,272.260 | N | Jan 2015 | Jan 2015 |
| AH-1Z Cabin Materials | | 2017 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2016 | Oct 2018 | 1 | 36,958.100 | N | Jan 2016 | Jan 2016 |

LI 0178 - UH-1Y/AH-1Z Navy UNCLASSIFIED

P-1 Line #10 Volume 1 - 91

| Exhibit P-5a, Procurement History and Planning: PB 2016 | Navy | Date: February 2015 |
|---|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0178 / UH-1Y/AH-1Z | 2 / AH-1Z |

| Cost Elements | 0 0 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | _ | Date Revision Available | RFP Issue Date |
|-----------------------|-------------|------|--|--------------------------------------|-----------------|---------------|------------------------------|---------------|------------|---|-------------------------------|----------------------|
| AH-1Z Cabin Materials | | 2018 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2017 | Oct 2019 | 1 | 37,664.100 | N | Jan 2017 | Jan 2017 |
| AH-1Z Cabin Materials | | 2019 | Bell Helicopter Textron, Inc / Hurst, TX | C / FPIF | NAVAIR | Oct 2018 | Oct 2020 | - | - | N | Jan 2018 | Jan 2018 |

^(†) indicates the presence of a P-21

Footnotes:

LI 0178 - UH-1Y/AH-1Z
Navy

UNCLASSIFIED
Page 16 of 22
P-1 Line #10

Volume 1 - 92

⁽¹⁷⁾ Production Rates reflected apply to the combined production of the UH-1Y and AH-1Z with the exception of the UH-1Y Max. Due to tooling limitations, UH-1Y Max is 19/year.

⁽¹⁸⁾ FY 2010 OCO AH-1Z Airframes were executed as option buy on the Lot 7 contract, FY 2010 Supp Airframe awarded on the Lot 8 (FY 2011) contract. Unit cost reflects average for baseline and OCO/Supp AH-1Z Remanufacture and AH-1Z Build New airframes.

⁽¹⁹⁾ FY 2011 Unit Cost reflects average for baseline and OCO AH-1Z Remanufacture and AH-1Z Build New airframes.

⁽²⁰⁾ FY 2011 Unit Cost reflects average for baseline and OCO AH-1Z Remanufacture and AH-1Z Build New airframes.

⁽²¹⁾ FY 2012 Unit Cost reflects average for baseline and OCO AH-1Z Remanufacture and AH-1Z Build New airframes.

⁽²²⁾ FY 2012 Unit Cost reflects average for baseline and OCO AH-1Z Remanufacture and AH-1Z Build New airframes.

| Exl | ibit | P-21, Pro | oducti | on Sc | hedul | e: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | <u>, </u> | | | |
|-------------------|-----------|-------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|---|-------------|-------------|----------|
| | | riation / 01 / 1 | Budge | t Acti | vity / | Budg | jet Sı | ıb Ac | tivity | : | | Line 8 / Ul | | | ber / Z | Title: | | | | | | | | Nun H-1Z | | Title | [DOD | IC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal Y | ear 2010 | | | | | | | | | | | Fiscal Yo | ear 2011 | | | | | | |
| | | | | ACCEPT | | | | | | | | | С | alendar | Year 201 | 0 | | | | | | | | Caler | dar Yea | r 2011 | | | | |
| 0 F C F 0 # | | SERVICE | PROC QTY | PRIOR TO 1 OCT 2009 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | E A |
| 1.1.1 |) Airfran | ne/CFE (8) | | | | | | | | | | | | | ı | | ı | | J. | ı | | | | | | ı | | | | |
| | | Deliveries: 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2011 | NAVY | 10 (23) | _ | 10 | | | | | | | | | | | | | | | | | | | | | | Α - | - | - | |
| / 1 | 2011 | NAVY | 3 | - | 3 | | | | | | | | | | | | | | | | | | | | | | A - | - | - | |
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P-1 Line #10 Volume 1 - 93

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Page 18 of 22

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Page 19 of 22

P-1 Line #10 **Volume 1 - 95**

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Page 20 of 22

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| 1 | | | NAVY | 16 | | 16 | - | | - | - | - | - | - ' | 2 | , , | 3 2 | 2 | 3 2 | 2 2 | 2 2 | 1 | | | | | | | | | | - |
| ١. | | | | | _ | 10 | - | | _ | | _ | | | | | 5 2 | <u> </u> | , , | | 2 2 | | | | | | | | | | | |
| 1.1.3 | 3) En | ngines | /Eng Acc (ne | ew) (17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2 | _ | | | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| _ | _ | | NAVY | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | _ | | NAVY | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| _ | | | NAVY | 30 | | _ | | | | | | | | | | | | | | | | | | | | | | | | | - |
| _ | | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| - | \rightarrow | _ | NAVY | 32 | | | 4 | 4 | . 4 | 1 4 | 6 | 1 | | | | | | | | | | | | | | | | | | | H |
| | | | Eng Acc (re | | 10 | 22 | | | | 7 | | | | | | | | | | | | | | | | | | | | - | |
| | | | eliveries: 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | _ | | NAVY | 20 | 20 | - | | | | | | | | | | | | | | | | | | | | | | | | | Τ. |
| - | _ | | NAVY | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | Ι. |
| _ | _ | | NAVY | 20 (26) | | | | | | | | | | | | | | | | | | | | | | | | | | | Ι. |
| | | | | 20 | | | 0 | N | D | J | F | М | Α | М | J | J | Α | s | 0 | N | D | J | F | М | Α | М | J | J | Α | s | В |
| | | | | | | | С | 0 | E | A | E | A | P | A | U | U | U | E | C | 0 | E | A | E | Α | P | A | U | Ü | U | E | A |
| | | | | | | l | Т | V | С | N | В | R | R | Y | N | L | G | Р | Т | V | С | N | В | R | R | Y | N | L | G | Р | L |
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LI 0178 - UH-1Y/AH-1Z Navy UNCLASSIFIED
Page 21 of 22

P-1 Line #10

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0178 / UH-1Y/AH-1Z | 2 / AH-1Z |

| | | Produc | ction Rates (Each | / Year) | | | | Procurement Le | Procurement Leadtime (Months) | | | | | | | |
|-----|--|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-------------------------------|--------------------|---------|----------------------|--|--|--|--|
| MFF | | | | | | Init | al | | | Reo | rder | | | | | |
| Ref | I . | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | | | | |
| , | Bell Helicopter ⁽¹⁷⁾ - 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 | | | | |
| 3 | GE Engine Services - Cincinnati, OH | 12 | 24 | 40 | 2 | 3 | 16 | 19 | 2 | 3 | 16 | 19 | | | | |

[&]quot;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 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:

- (17) Production Rates reflected apply to the combined production of the UH-1Y and AH-1Z with the exception of the UH-1Y Max. Due to tooling limitations, UH-1Y Max is 19/year.
- (23) AH-1Z Remanufacture and AH-1Z Build New contracted under separate CLINs. Each CLIN has a separate 12-month delivery schedule. The last two airframes have a contract delivery date of November 2014.
- (24) AH-1Z Remanufacture and AH-1Z Build New contracted under separate CLINs. Each CLIN has a separate 12-month delivery schedule.
- (25) 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.
- (26) The FY 2014 refurbished engine contract limits each CLIN to 16 engines, and each CLIN has a separate 12-month delivery schedule.

UNCLASSIFIED
Page 22 of 22
P-1 Line #10

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Volume 1 - 99

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0178 / UH-1Y/AH-1Z

Aircraft

Program Elements for Code B Items:

Other Related Program Elements: 0604245N, 0206120M

Line Item MDAP/MAIS Code: 101 Item MDAP/MAIS Code(s):

| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|--|
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total | |
| Gross/Weapon System Cost (\$ in Millions) | 229.680 | 60.000 | 63.354 | 56.168 | - | 56.168 | 57.232 | 58.324 | - | - | - | 524.758 | |
| Net Procurement (P1) (\$ in Millions) | 229.680 | 60.000 | 63.354 | 56.168 | - | 56.168 | 57.232 | 58.324 | - | - | - | 524.758 | |
| Total Obligation Authority (\$ in Millions) | 229.680 | 60.000 | 63.354 | 56.168 | - | 56.168 | 57.232 | 58.324 | - | - | - | 524.758 | |

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 include 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 extend autonomous weapons engagement ranges.

Basis for FY 2016 Budget Request: Funds are requested in FY 2016 to procure 28 AH-1Z/UH-1Y helicopters in FY 2017.

UNCLASSIFIED Page 1 of 6 P-1 Line #11

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0178 / UH-1Y/AH-1Z

Aircraft

Program Elements for Code B Items:

Other Related Program Elements: 0604245N, 0206120M

P-1 Line #11

Line Item MDAP/MAIS Code: 101

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / UH-1Y | P-10 | | - / 148.175 | - / 37.188 | - / 27.152 | -/ - | -/ - | -/ - |
| 2 / AH-1Z | P-10 | | - / 81.505 | - / 22.812 | - / 36.202 | - / 56.168 | -/ - | - / 56.168 |
| Total Gross/Weapon System Cost | | | - / 229.680 | - / 60.000 | - / 63.354 | - / 56.168 | -1 - | - / 56.168 |

*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 add due to rounding.

Justification:

UNCLASSIFIED

| Exhibit P-10, Advance Procurer | nent Requirem | ents Analysi | s (page 1 - | Budget Funding Justin | fication): PB 2016 Navy | Date: February 20 | 15 |
|---|---------------------------|-----------------|-------------|------------------------------------|----------------------------------|---------------------------------|-------------------|
| Appropriation / Budget Activity 1506N / 01 / 1 | / Budget Sub | Activity: | | Item Number / Title: H-1Y/AH-1Z | | P-5 Number / Title 1 / UH-1Y |) : |
| First System (2016) Award Date: January 2013 | First Syste October 20 | m (2016) Comple | etion Date: | | Interval Between Sys 1 Months | stems: | |
| UH-1Y | | Production L | | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) |
| Quantity | | | | 120 | 13 | 15 | 1: |
| Cost Element | | When R | • | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) |
| CFE | | | | | | | |
| Dynamic Component Parts (†) | | | 0 | 16.150 | 4.203 | 3.068 | - |
| UH-1Y Cabin Materials ^(†) | | | 7 | 97.624 | 24.014 | 17.533 | - |
| Other (forgings, bearings, shafts, castings (†) | , bolts, pins, etc.) | | 13 | 34.401 | 8.971 | 6.551 | - |
| Total: CFE | | | | 148.175 | 37.188 | 27.152 | - |
| Total Advance Procurement/Obligation | Authority | | | 148.175 | 37.188 | 27.152 | - |

| Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2016 Navy Date: February 2015 | | | | | | | | |
|---|-------------------------------|---------------------|--|--|--|--|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | P-5 Number / Title: | | | | | | |
| 1506N / 01 / 1 | 0178 / UH-1Y/AH-1Z | 1 / UH-1Y | | | | | | |

| | | | | FY 2 | 2016 | | |
|---|---------------|------------------------------------|-----------|---------------------------|--------------------|--------|---------------------------------|
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | |
| Dynamic Component Parts (†) | - | | | | | | - |
| UH-1Y Cabin Materials ^(†) | - | | | | | | - |
| Other (forgings, bearings, shafts, castings, bolts, pins, etc.) (†) | - | | | | | | - |
| Total: CFE | | | | | | | - |
| 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 (39M), bearings (37M), actuators (28M). 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.

UNCLASSIFIED
Page 4 of 6

| Exhibit P-10, Advance Procuremer | t Requiren | nents Analysis (| page 1 | - Budget Funding Justi | fication): PB 2016 Navy | Date: February 20 |)15 | |
|---|---------------------------|----------------------|---------|------------------------------------|---------------------------------|---------------------------------|-------------------|--------|
| Appropriation / Budget Activity / B 1506N / 01 / 1 | udget Sub | - | _ | Item Number / Title: H-1Y/AH-1Z | | P-5 Number / Title 2 / AH-1Z | e: | |
| First System (2016) Award Date: January 2013 | First Syste October 20 | em (2016) Completio | n Date: | | Interval Between Sy 1 Months | rstems: | | |
| AH-1Z | | Production Lead | Itime | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) | |
| Quantity | | | | 66 | 10 | 16 | | 16 |
| Cost Element | | When Rqd (Months) | | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) | |
| CFE | | | , | | | | | |
| AH-1Z Cabin Materials ^(†) | | | 7 | 52.633 | 14.732 | 23.379 | | 36.272 |
| Dynamic Component Parts | | | 8 | 9.208 | 2.577 | 4.090 | | 6.345 |
| Other (forgings, bearings, shafts, castings, bol | ts, pins, etc.) | | 13 | 19.664 | 5.503 | 8.733 | | 13.551 |
| Total: CFE | | | | 81.505 | 22.812 | 36.202 | | 56.168 |
| Total Advance Procurement/Obligation Aut | hority | | | 81.505 | 22.812 | 36.202 | | 56.168 |

| Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2016 Navy Date: February 2015 | | | | | | | |
|--|-------------------------------|---------------------|--|--|--|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | P-5 Number / Title: | | | | | |
| 1506N / 01 / 1 | 0178 / UH-1Y/AH-1Z | 2 / AH-1Z | | | | | |

| 1.000.11.01.1 | | · · · · · · · · · · · · · · · · · · · | | | | | |
|---|---------------|---------------------------------------|------------|---------------------------|--------------------|--------|---------------------------------|
| | | FY 2016 | | | | | |
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | |
| AH-1Z Cabin Materials ^(†) | - | 24 | 36,272.260 | Oct 2015 | 1 | | 36.272 |
| Dynamic Component Parts | 1 | | | | | | 6.345 |
| Other (forgings, bearings, shafts, castings, bolts, pins, etc.) | - | | | | | | 13.551 |
| Total: CFE | | | | | | | 56.168 |
| Total Advance Procurement/Obligation Authority | | | | | | | 56.168 |
| | | | | | | | |

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 (39M), bearings (37M), actuators (28M). 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: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|---------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | |
| 1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat | 0179 / MH-60S (MYP) | |

ID Code (A=Service Ready, B=Not Service Ready) : A Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 282 Item MDAP/MAIS Code(s):

Prior

| | FIIOI | | | 1 1 2010 | 1 1 2010 | 1 1 2010 | | | | | 10 | |
|---|--------------|------------------|--------------------|-----------------|-----------------|-----------------|-----------------|----------------|---------|---------|----------|------------|
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Procurement Quantity (Units in Each) | 249 | 18 | 8 | - | - | - | - | - | - | - | - | 275 |
| Gross/Weapon System Cost (\$ in Millions) | 6,096.249 | 432.774 | 218.026 | 28.232 | - | 28.232 | - | - | - | - | - | 6,775.281 |
| Less PY Advance Procurement (\$ in Millions) | 1,050.986 | 67.856 | 35.886 | - | - | - | - | - | - | - | - | 1,154.728 |
| Net Procurement (P1) (\$ in Millions) | 5,045.263 | 364.918 | 182.140 | 28.232 | - | 28.232 | - | - | - | - | - | 5,620.553 |
| Plus CY Advance Procurement (\$ in Millions) | 1,123.938 | 30.790 | - | - | - | - | - | - | - | - | - | 1,154.728 |
| Total Obligation Authority (\$ in Millions) | 6,169.201 | 395.708 | 182.140 | 28.232 | - | 28.232 | - | - | - | - | - | 6,775.281 |
| (The following | Resource Sum | mary rows are fo | r informational pu | rposes only. Th | e corresponding | budget requests | s are documente | ed elsewhere.) | • | | | |
| Initial Spares (\$ in Millions) | - | 0.568 | - | - | - | - | - | - | - | - | - | 0.568 |
| Flyaway Unit Cost (\$ in Thousands) | 20,479.217 | 20,661.667 | 21,925.000 | - | - | - | - | - | - | - | - | 20,533.218 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 24,482.928 | 24,043.000 | 27,253.250 | - | - | - | - | - | - | - | - | 24,637.385 |

EV 2016 EV 2016 EV 2016

Description:

Aircraft

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. Airborne Mine Countermeasures 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.

Note

1. Initial Spares Total is \$176.085 vice \$0.568 because Prior Year Spares should reflect \$175.517 vice \$0.

LI 0179 - MH-60S (MYP) Navy

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0179 / MH-60S (MYP)

Aircraft

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 282

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| 1 / MH-60S (MYP) | P-5, P-5a, P-21 | | 249 / 6,096.249 | 18 / 432.774 | 8 / 218.026 | - / 28.232 | - / - | - / 28.232 |
| Total Gross/Weapon System Cost | | | 249 / 6,096.249 | 18 / 432.774 | 8 / 218.026 | - / 28.232 | - 1 - | - / 28.232 |

*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 add due to rounding.

Justification:

Basis for the FY 2016 budget request: The FY 2016 request in Cost Element 2.7 provides for the annualized support of the final deliveries of aircraft, trainers, ancillary, PGSE, and pubs required for program and Contract Data Requirement List (CDRL) closeout; as well as, acquisition program closeout activities.

FY 2012 - 2015 reflects pricing of awarded multi-year contracts for Mission Avionics/Common Cockpit (MYP2) and Airframe (MYP-8, joint with the Army/Navy).

LI 0179 - MH-60S (MYP) Navy UNCLASSIFIED

P-1 Line #12 Volume 1 - 106

Exhibit P-5, Cost Analysis: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 01 / 1

P-1 Line Item Number / Title:
0179 / MH-60S (MYP)

Item Number / Title [DODIC]:
1 / MH-60S (MYP)

| ID Code (A=Service Ready, B=Not Service Ready): | · | N | DAP/MAIS Code: | · | | |
|--|------------------------------|--------------------------|----------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 249 | 18 | 8 | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 6,096.249 | 432.77 | 218.026 | 28.232 | - | 28.232 |
| Less PY Advance Procurement (\$ in Millions) | 1,050.986 | 67.85 | 35.886 | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 5,045.263 | 364.91 | 182.140 | 28.232 | - | 28.232 |
| Plus CY Advance Procurement (\$ in Millions) | 1,123.938 | 30.79 | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 6,169.201 | 395.70 | 182.140 | 28.232 | - | 28.232 |
| (The following Resource Summary rows are for information | onal purposes only. The cori | responding budget reques | sts are documented elsewhe | re.) | | |
| Initial Spares (\$ in Millions) | - | 0.568 | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 24,482.928 | 24,043.00 | 27,253.250 | - | - | - |

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

| | P | rior Years | ; | | FY 2014 | | | FY 2015 | | FY | 2016 Bas | se | FY | 2016 OC | 0 | FY | 2016 Tot | :al |
|--|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | | | | | | | | | | · · | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 12,831.133 | 249 | 3,194.952 | 14,303.500 | 18 | 257.463 | 15,227.375 | 8 | 121.819 | - | - | - | - | - | - | - | - | - |
| 1.1.2) GFE Electronics ^(†) | 2,357.450 | 249 | 587.005 | 2,513.514 | 18 | 45.243 | 2,592.625 | 8 | 20.741 | - | - | - | - | - | - | - | - | - |
| 1.1.3) Engines/Eng Acc ^(†) | 716.639 | 504 | 361.186 | 804.418 | 30 | 24.133 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.1.4) Engines/Engine Acc (refurb) ^(†) | - | - | - | - | - | - | 390.000 | 16 | 6.240 | - | - | - | - | - | - | - | - | - |
| 1.1.5) other GFE | 90.848 | 349 | 31.706 | 225.357 | 18 | 4.056 | 192.250 | 8 | 1.538 | - | - | - | - | - | - | - | - | - |
| Subtotal: Recurring Cost | - | - | 4,174.849 | - | - | 330.895 | - | - | 150.338 | - | - | - | - | - | - | - | - | - |
| Non Recurring Cost | | | | | , | | | | | , | | | | · | | | | |
| 1.2.1) Non-Recur Cost | - | - | 226.431 | - | - | 10.483 | - | - | 18.615 | - | - | - | - | - | - | - | - | - |
| 1.2.2) Ancillary Equipment | - | - | 698.045 | - | - | 30.532 | - | - | 6.447 | - | - | - | - | - | - | - | - | - |
| Subtotal: Non Recurring Cost | - | - | 924.476 | - | - | 41.015 | - | - | 25.062 | - | - | - | - | - | - | - | - | - |
| Subtotal: Flyaway Cost | - | - | 5,099.325 | - | - | 371.910 | - | - | 175.400 | - | - | - | - | - | - | - | - | _ |
| Support Cost | | | | | | | | | | | | | | | | | | |
| 2.1) Airframe PGSE | - | - | 71.649 | - | - | 2.854 | - | - | 3.626 | - | - | - | - | - | - | - | - | - |
| 2.2) Engine PGSE | - | - | 4.644 | - | - | 0.192 | - | - | 0.197 | - | - | - | - | - | - | - | - | - |
| 2.3) Avionics PGSE | - | - | 79.361 | - | - | 3.252 | - 1 | - | 10.747 | - | _ | _ | - | - | _ | _ | _ | - |

LI 0179 - MH-60S (MYP) Navy UNCLASSIFIED
Page 3 of 8

Volume 1 - 107

P-1 Line #12

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0179 / MH-60S (MYP) | 1 / MH-60S (MYP) |

ID Code (A=Service Ready, B=Not Service Ready) :

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

MDAP/MAIS Code:

| | P | rior Years | 5 | | FY 2014 | | | FY 2015 | | F۱ | 1 2016 Ba | se | F | / 2016 OC | 0 | FY | Y 2016 Tot | :al |
|--------------------------------|------------|---------------|-------------------------|------------|----------------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.4) Pec Trng Eq | - | - | 342.025 | - | - | 24.472 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.5) Pub/Tech Eq | - | - | 52.493 | - | - | 2.436 | - | - | 2.495 | - | - | - | - | - | - | - | - | - |
| 2.6) Other ILS | - | - | 67.849 | - | - | 6.334 | - | - | 6.330 | - | - | - | - | - | - | - | - | - |
| 2.7) Field Activities (2) | - | - | 356.308 | - | - | 20.824 | - | - | 18.731 | - | - | 28.232 | - | - | - | - | - | 28.232 |
| 2.8) Production Eng Support | - | - | 22.595 | - | - | 0.500 | - | - | 0.500 | - | - | - | - | - | - | - | - | - |
| Subtotal: Support Cost | - | - | 996.924 | - | - | 60.864 | - | - | 42.626 | - | - | 28.232 | - | - | - | - | - | 28.232 |
| Gross/Weapon System Cost | 24,482.928 | 249 | 6,096.249 | 24,043.000 | 18 | 432.774 | 27,253.250 | 8 | 218.026 | - | - | 28.232 | - | - | - | - | - | 28.232 |

^(†) indicates the presence of a P-5a

Footnotes:

LI 0179 - MH-60S (MYP) Navy UNCLASSIFIED
Page 4 of 8

P-1 Line #12

⁽¹⁾ Cost Element 1.2.1- FY14 funding provided to implement software product improvements in the production line to facilitate an open, modular software architecture for future post production modification and sustainment.

⁽²⁾ Cost Element 2.7 FY 2016 Field Activities provides annualized support for final delivery of aircraft, ancillary, trainers, PGSE, final CDRL acceptance for ILS and pubs/data, and closeout efforts; as well as, acquisition program closeout activities.

| Exhibit P-5a, Procurement History and Planning: PB 2016 N | lavy | Date: February 2015 |
|---|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0179 / MH-60S (MYP) | 1 / MH-60S (MYP) |

| | | | I | • | , | | | | ` ' | | | |
|--|-------------|-------------|---|--------------------------------------|-----------------|---------------|------------------------------|----------------------|------------|------------------------|-------------------------------|----------------------|
| Cost Elements | 0 C 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | Sikorsky A/C Corp / Stratford, CT | SS/FFP | Army | Dec 2012 | Jul 2013 | 18 | 14,164.722 | Υ | | Jul 2009 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | Sikorsky A/C Corp / Stratford, CT | SS / FFP | Army | Jan 2014 | Jul 2014 | 18 | 14,303.500 | Υ | | Jul 2009 |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | Sikorsky A/C Corp / Stratford, CT | SS/FFP | Army | Dec 2014 | Jul 2015 | 8 | 15,227.375 | Υ | | Jul 2009 |
| 1.1.2) GFE Electronics ^(†) | | 2013 | Lockheed Martin / Owego, NY | SS/FFP | NAVAIR | Nov 2012 | Jan 2013 | 18 | 2,440.944 | Υ | | Dec 2009 |
| 1.1.2) GFE Electronics ^(†) | | 2014 | Lockheed Martin / Owego, NY | SS/FFP | NAVAIR | Dec 2013 | Mar 2014 | 18 | 2,513.514 | Υ | | Dec 2009 |
| 1.1.2) GFE Electronics ^(†) | | 2015 (3) | Lockheed Martin / Owego, NY | SS / FFP | NAVAIR | Dec 2014 | Mar 2015 | 8 | 2,592.625 | Y | | Dec 2009 |
| 1.1.3) Engines/Eng Acc ^(†) | | 2013 | General Electric Co. / Lynn, MA | SS / FFP | Army | Oct 2012 | Mar 2013 | 42 | 791.976 | Υ | | Mar 2012 |
| 1.1.3) Engines/Eng Acc ^(†) | | 2014 | General Electric Co. / Lynn, MA | SS/FFP | Army | Oct 2013 | May 2014 | 30 | 804.418 | Υ | | Mar 2012 |
| 1.1.4) Engines/Engine Acc (refurb) ^(†) | | 2015 (4) | Army AMCOM / Corpus Christi Army Depot | C / TBD | Army | Oct 2014 | Feb 2015 | 16 | 390.000 | Y | | |

^(†) indicates the presence of a P-21

Footnotes:

⁽³⁾ Cost element 1.1.2 Government Furnished Equipment (GFE) Electronics contract award represents the Common Cockpit award; however, the unit price is incorrectly calculated based off the total GFE costs.

⁽⁴⁾ Actual Contract Award is March 2014 as units procured with FY14 Advance Procurement funding.

| | ibit | P-21, Pr | oducti | on Sc | hedul | e: Pi | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | 5 | | | |
|--|---|---|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|---------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|--------|-------------|-------------|----------|
| | | riation / 01 / 1 | Budge | t Acti | vity / | Bud | get S | ıb Ac | tivity | ! | | Line 9 / Mł | | | iber / ˈ ′P) | Title: | | | | | | | | | ber / S (M) | | [DOD | IC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal Ye | ar 2013 | | | | | | | | | | | Fiscal Ye | ear 2014 | | | | | | |
| | | (5 | | ACCEPT | | | | _ | | | | | С | alendar | Year 201 | 3 | | | | | _ | | | | dar Year | 2014 | | | | |
| M O F C R | | SERVICE | PROC QTY | PRIOR TO 1 OCT 2012 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N U | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J J | A U G | S E P | |
| | | me/CFE | | | | <u> </u> | | | | | | | | | | | - | - | | | | | | | - 1 | | | | - | |
| Prior | Years [| Deliveries: 231 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2013 | 3 NAVY | 18 | - | 18 | | | Α - | - | - | - | - | - | - | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | | | | |
| 1 | 2013 | 3 ARMY (‡) | 124 | - | 124 | | | Α - | - | - | - | - | - | - | 13 | 11 | 8 | 17 | 12 | 13 | 7 | 10 | 8 | 9 | 9 | 7 | | | | |
| 1 | 2013 | 3 Total | 142 | - | 142 | | | - | - | - | - | - | - | - | 15 | 12 | 10 | 18 | 14 | 14 | 9 | 11 | 10 | 10 | 11 | 8 | | | | |
| 1 | 2014 | 1 NAVY | 18 | - | 18 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | 3 | 2 | 3 | |
| 1 | 2014 | 4 ARMY (‡) | 84 | _ | 84 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | 9 | 8 | | |
| 1 | 2014 | 4 Total | 102 | - | 102 | | | | | | | | | | | | | | | | - | - | _ | _ | _ | | 12 | 10 | 9 | \vdash |
| 1 | | | 8 | - | 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2015 | | 75 | _ | 75 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | 5 Total | 83 | - | 83 | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | | Electronics | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | _ |
| | | Deliveries: 231 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2013 | 3 NAVY | 18 | - | 18 | | Α - | - | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | | | | | | | | | | |
| 2 | | | | | 18 | | | | | | | | | | | | | | | A - | - | - | 2 | 1 | 2 | 1 | 2 | 1 | 2 | |
| - 1 | 1 | 1 NAVY | 18 | - | 101 | | | | | | | | | | | | | | | | _ | | | | | | | | | t |
| 2 | 2014 | NAVY NAVY | 18 | - | 8 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2 | 2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 2 1.1.3 | 2014 2015 Engine | 5 NAVY | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| 2 1.1.3 Prior | 2014 2015 Engine Years [| NAVY es/Eng Acc | 8 | | | A - | | - | - | | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | | | | | | |
| 2 1.1.3 Prior 3 | 2014 2015 Engine Years I 2013 | 6 NAVY es/Eng Acc Deliveries: 462 | 8 | - | 8 | A - | - | - | - | - | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 A - | 4 | 2 | 4 | 2 | 4 | 2 - | 4 | 2 | 4 | 2 | 4 | |
| 2 1.1.3 Prior 3 3 | 2014 2015 Engine Years I 2013 2014 | es/Eng Acc Deliveries: 462 NAVY | 42 30 | - | 42 | A - | - | - | - | - | 4 | 2 | 4 | 2 | 4 | 2 | 4 | | | | 4 | | | | 4 | 2 | 4 | 2 | 4 | |
| 2 1.1.3 Prior 3 3 1.1.4 | 2014 2015 Engine Years [2013 2014 Engine | 5 NAVY es/Eng Acc Deliveries: 462 3 NAVY 4 NAVY | 42 30 | - | 42 | A - | - | - | - | - | 4 | 2 | 4 | 2 | 4 | 2 | 4 | | | | 4 - | | | | 4 | 2 | 4 | 2 | 4 | |

LI 0179 - MH-60S (MYP) Navy UNCLASSIFIED
Page 6 of 8

P-1 Line #12 **Volume 1 - 110**

| Exh | ibi | t P-2 | 21, Pro | oductio | on Sc | hedul | e: PB | 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | e: Fel | bruary | / 2015 | 5 | | | |
|-----------------|------|---------------------|--------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|-------------|-------------|-------------|--------|
| | | pria / 01 | | Budge | t Acti | vity / | Budg | et Sı | ub Ac | tivity | • | | Line 9 / M | | | | Title | : | | | | | | | | nber / OS (M | | [DOI | DIC]: | | |
| | | | | lements in Each) | | | | | | | | Fiscal Y | ear 2015 | | | | | | | | | | | Fiscal Y | ear 2016 | 6 | | | | | |
| | | | | | ACCEPT | | | | | | | | | C | alenda | Year 20 | 15 | | | | | | | | Cale | ndar Yea | r 2016 | | | | |
| M D F C R | | Y S | SERVICE | PROC QTY | PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | E A |
| | | rame/C | | | | | | | ļ | | | | | | ļ. | 1 | | | | | | | | | | | | | ļ | | |
| Prior \ | Year | s Delive | eries: 231 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 13 N | AVY | 18 | 18 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 13 AF | RMY (‡) | 124 | 124 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 13 To | | 142 | 142 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 14 N | AVY | 18 | 8 | 10 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| 1 | 20 |)14 AF | RMY (‡) | 84 | 23 | 61 | 8 | 6 | | | 6 | 7 | 6 | 7 | 6 | ; | | | | | | | | | | | | | | | |
| 1 | 20 | _ | otal | 102 | 31 | _ | 9 | 7 | 11 | 7 | 7 | 8 | 7 | 8 | 7 | | | | | | | | | | | | | | | | |
| 1 | + | 15 N | AVY | 8 | - | 8 | | | Α - | - | - | - | - | - | - | 2 | 2 | 1 2 | 1 | 1 1 | 1 1 | - | - | - | - | - | - |] | | | |
| 1 | 20 |)15 AF | RMY ^(‡) | 75 | _ | 75 | | | Α - | - | - | - | - | - | - | 6 | 5 (| 6 6 | 8 | 3 5 | 5 7 | 7 | 7 | 6 | 6 | 6 | 5 | 1 | | | |
| 1 | 20 | 15 To | | 83 | - | 83 | | | - | - | - | - | - | - | - | 8 | | 7 8 | 9 | 9 6 | 8 8 | 7 | 7 | 6 | 6 | 6 | 5 | | | | |
| | _ | E Electr | | | | | - | | | | | | | | l | | | 1 | | | | | | | | | | | | | |
| Prior \ | Year | s Delive | eries: 231 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 20 | 13 N | AVY | 18 | 18 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 20 |)14 N | AVY | 18 | 11 | 7 | 1 | 2 | 1 | 2 | 1 | | | | | | | _ | | | | | | | | | | | | | |
| 2 | 20 | 15 N | AVY | 8 | - | 8 | | | A - | - | - | 2 | 1 | 2 | 1 | 1 | | 1 | | | | | | | | | | | | | |
| 1.1.3) | Eng | jines/Er | ng Acc | | | | | | | _ | | | | | | | | | | | | | | | | | | | | | |
| | | | eries: 462 | | | | | | | | | | | | | | | | | | | | | | | | | | | _ | |
| _ | | 13 N | | 42 | 42 | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | |
| | _ |)14 N | | 30 | 16 | 14 | 2 | 4 | 2 | 4 | 2 | | | | | | | | | | | | | | | | | | | | |
| | | | ngine Acc | | | 101 | . [| | 1 | | | | | | | | . 1 | | | | | | | | | | | | | | _ |
| 4 | 20 |)15 N | AVY | 16 | - | 16 | | - | - | - | 4 | 2 | 4 | 2 | . 2 | _ | _ | | | | | | - | | | | | | | _ | +- |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J L | U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | P R | M A Y | J U N | U L | U G | S E P | E A |
| | | | | | | | | | | | | | | | , | | | | | | | | | | | | | | | | |
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LI 0179 - MH-60S (MYP) Navy UNCLASSIFIED
Page 7 of 8

P-1 Line #12

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0179 / MH-60S (MYP) | 1 / MH-60S (MYP) |

| | | Produ | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | | | |
|----------|---|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-----------------------|--------------------|---------|----------------------|--|--|
| MFR | | | | | | Init | ial | | Reorder | | | | | |
| Ref # | | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | | |
| 1 | Sikorsky A/C Corp - Stratford, CT | 18 | 18 | 48 | - | - | - | - | - | 3 | 19 | 22 | | |
| 2 | Lockheed Martin - Owego, NY | 18 | 24 | 60 | - | - | - | - | 9 | 3 | 15 | 18 | | |
| 3 | General Electric Co Lynn, MA | - | 168 | 960 | - | - | - | - | 9 | 6 | 14 | 20 | | |
| 4 | Army AMCOM - Corpus Christi Army Depot | - | - | - | - | 5 | 12 | 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.

LI 0179 - MH-60S (MYP) Navy **UNCLASSIFIED**

P-1 Line #12 Volume 1 - 112

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 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).

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0179 / MH-60S (MYP)

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 282 Item MDAP/MAIS Code(s):

| | 1.00111 11112 | | | | | | | | | | | | |
|---|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|--|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | | |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total | |
| Gross/Weapon System Cost (\$ in Millions) | 1,123.938 | 30.790 | - | - | - | - | - | - | - | - | - | 1,154.728 | |
| Net Procurement (P1) (\$ in Millions) | 1,123.938 | 30.790 | - | - | - | - | - | - | - | - | - | 1,154.728 | |
| Total Obligation Authority (\$ in Millions) | 1,123.938 | 30.790 | - | - | - | - | - | - | - | - | - | 1,154.728 | |

Description:

Aircraft

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 will 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. Airborne Mine Countermeasures provides an Organic AMCM 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.

LI 0179 - MH-60S (MYP)

Navy

UNCLASSIFIED

Page 1 of 4

P-1 Line #13

Volume 1 - 113

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Aircraft

0179 / MH-60S (MYP)

Program Elements for Code B Items:

Other Related Program Elements:

P-1 Line Item Number / Title:

Line Item MDAP/MAIS Code: 282

Item MDAP/MAIS Code(s):

| Exhibits Schedule | Prior Years | | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | |
|--------------------------------|-------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / MH-60S (MYP) | P-10 | | - / 1,123.938 | - / 30.790 | -/ - | -/ - | -/ - | -1 - |
| Total Gross/Weapon System Cost | | | - / 1,123.938 | - / 30.790 | -1 - | -1 - | -1 - | -1 - |

*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 add due to rounding.

Justification:

No FY 2016 advance procurement is required as FY 2015 is the final procurement year of the MH-60S.

LI 0179 - MH-60S (MYP) Navy UNCLASSIFIED

P-1 Line #13

| | | ' | DINOLAGOII ILD | | | | |
|---|---------------------------------------|--------------------------------|---------------------------------|----------------------|---|-------------------|--|
| Exhibit P-10, Advance Procureme | nt Requirements Analys | is (page 1 - E | Budget Funding Justifica | ation): PB 2016 Navy | Date: February 2015 | 5 | |
| Appropriation / Budget Activity / E 1506N / 01 / 1 | Budget Sub Activity: | P-1 Line Ite 0179 / MH- | em Number / Title: 60S (MYP) | | P-5 Number / Title: 1 / MH-60S (MYP) | | |
| First System (2016) Award Date: December 2012 | First System (2016) Comp July 2013 | letion Date: | | ms: | | | |
| MH-60S (MYP) | Production (Monti | | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) | |
| Quantity | | | 249 | 18 | 8 | - | |
| Cost Element | When (Monti | | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) | |
| CFE | | | | | | | |
| CFE - Airframe T.L. | | 0 | 341.028 | - | - | - | |
| Airframe for FY13 EOQ/Long Lead | | 0 | 24.053 | - | - | - | |
| Airframe for FY14 EOQ/Long Lead | | 0 | 26.712 | - | - | - | |
| Airframe for FY15 EOQ/Long Lead | | 0 | 1.846 | 11.157 | - | - | |
| Total: CFE | | | 393.639 | 11.157 | - | - | |
| GFE | | | | · | | | |
| GFE - Engines T.L. | | 0 | 264.666 | - | - | - | |
| GFE - Engines (Refurb) | | 0 | - | 6.240 | - | - | |
| GFE - Cockpit | | 0 | 288.113 | - | - | - | |
| Cockpit for FY13 EOQ/Long Lead | | 0 | 13.200 | - | - | - | |
| Cockpit for FY14 EOQ/Long Lead | | 0 | 15.425 | - | - | - | |
| Cockpit for FY15 EOQ/Long Lead | | 0 | 3.250 | 5.300 | - | - | |
| A/C Misc Avionics | | 0 | 145.645 | 8.093 | - | - | |
| Total: GFE | | | 730.299 | 19.633 | - | - | |
| Total Advance Procurement/Obligation Au | thority | | 1,123.938 | 30.790 | - | | |

| Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2016 Navy Date: February 2015 | | | | | | | | | |
|---|-------------------------------|---------------------|--|--|--|--|--|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | P-5 Number / Title: | | | | | | | |
| 1506N / 01 / 1 | 0179 / MH-60S (MYP) | 1 / MH-60S (MYP) | | | | | | | |

| | | FY 2016 | | | | | | | |
|--|---------------|------------------------------------|-----------|---------------------------|--------------------|--------|---------------------------------|--|--|
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) | | |
| CFE | | | | | | | | | |
| CFE - Airframe T.L. | 1 | | | | | | - | | |
| Airframe for FY13 EOQ/Long Lead | 1 | | | | | | - | | |
| Airframe for FY14 EOQ/Long Lead | 1 | | | | | | - | | |
| Airframe for FY15 EOQ/Long Lead | 1 | | | | | | - | | |
| Total: CFE | | | | | | | - | | |
| GFE | | | | | | | | | |
| GFE - Engines T.L. | 2 | | | | | | - | | |
| GFE - Engines (Refurb) | 2 | | | | | | - | | |
| GFE - Cockpit | 1 | | | | | | - | | |
| Cockpit for FY13 EOQ/Long Lead | 1 | | | | | | - | | |
| Cockpit for FY14 EOQ/Long Lead | 1 | | | | | | - | | |
| Cockpit for FY15 EOQ/Long Lead | 1 | | | | | | - | | |
| A/C Misc Avionics | - | | | | | | - | | |
| Total: GFE | | | | | | | - | | |
| Total Advance Procurement/Obligation Authority | | | | | | | - | | |

Description:No FY 2016 Advance Procurement is required as FY 2015 is the final procurement year of the MH-60S.

LI 0179 - MH-60S (MYP) Navy

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

FY 2016

Base

FY 2014 | FY 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

To

Total

FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Prior

Years

Aircraft

Resource Summary

0182 / MH-60R

FY 2016

Total

| ID Code (A=Service Ready, B=Not Service Ready) : A | Program Elements for Code B Items: | Other Related Program Elements: |
|--|------------------------------------|---------------------------------|
| | | |

FY 2016

OCO

Line Item MDAP/MAIS Code: 191 Item MDAP/MAIS Code(s):

| | | - | | | | | - | | | | | |
|---|---------------|------------------|--------------------|-----------------|-----------------|---------------------|---------------|----------------|---|---|---|------------|
| Procurement Quantity (Units in Each) | 201 | 19 | 29 | 29 | - | 29 | - | - | - | - | - | 278 |
| Gross/Weapon System Cost (\$ in Millions) | 8,227.411 | 704.319 | 1,074.531 | 1,185.423 | - | 1,185.423 | 69.052 | - | - | - | - | 11,260.736 |
| Less PY Advance Procurement (\$ in Millions) | 1,048.935 | 137.486 | 197.830 | 215.432 | - | 215.432 | - | - | - | - | - | 1,599.683 |
| Net Procurement (P1) (\$ in Millions) | 7,178.476 | 566.833 | 876.701 | 969.991 | - | 969.991 | 69.052 | - | - | - | - | 9,661.053 |
| Plus CY Advance Procurement (\$ in Millions) | 1,280.177 | 212.820 | 106.686 | - | - | - | - | - | - | - | - | 1,599.683 |
| Total Obligation Authority (\$ in Millions) | 8,458.653 | 779.653 | 983.387 | 969.991 | - | 969.991 | 69.052 | - | - | - | - | 11,260.736 |
| (The following | Resource Sumi | mary rows are fo | r informational pu | rposes only. Th | e corresponding | g budget requests a | are documente | ed elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | 0.304 | - | 0.069 | - | 0.069 | - | - | - | - | - | 0.373 |
| Flyaway Unit Cost (\$ in Thousands) | 34,888.423 | 33,485.211 | 30,771.414 | 37,330.931 | - | 37,330.931 | - | - | - | - | - | 34,617.842 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 40,932.393 | 37,069.421 | 37,052.793 | 40,876.655 | - | 40,876.655 | - | - | - | - | - | 40,506.245 |

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 Undersea Warfare and Surface 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.

 LI 0182 - MH-60R
 UNCLASSIFIED

 Navy
 Page 1 of 10
 P-1 Line #14

 Volume 1 - 117

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Aircraft

0182 / MH-60R

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

Line Item MDAP/MAIS Code: 191 | Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | |
|--------------------------------|-----------------|--|--|--------------|----------------|--|--|--|--|
| Title* | Exhibits | | Quantity / Total Cost (Each) / (\$ M) | | | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | |
| 1 / MH-60R (MYP) | P-5, P-5a, P-21 | | 201 / 8,227.411 | 19 / 704.319 | 29 / 1,074.531 | 29 / 1,185.423 | - / - | 29 / 1,185.423 | |
| Total Gross/Weapon System Cost | | | 201 / 8,227.411 | 19 / 704.319 | 29 / 1,074.531 | 29 / 1,185.423 | - / - | 29 / 1,185.423 | |

*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 add due to rounding.

Justification:

Basis for the FY 2016 budget request: The FY 2016 request funds for the final procurement lot of 29 MH-60R Aircraft and associated support.

FY 2012 - 2016 reflects pricing of awarded multi-year contracts for Mission Avionics/Common Cockpit (MYP2) and Airframe (MYP8, joint with the Army/Navy). MYP2/8 contracts have a minimum domestic quantity of 120 MH-60R (FY 2012-FY 2016).

Totals may not add due to rounding.

LI 0182 - MH-60R

Navy

Page 2 of 10

P-1 Line #14

Volume 1 - 118

Date: February 2015 Exhibit P-5, Cost Analysis: PB 2016 Navy Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Number / Title: Item Number / Title [DODIC]: 1506N / 01 / 1 0182 / MH-60R 1 / MH-60R (MYP)

| ID Code (A=Service Ready, B=Not Service Ready): | | M | MDAP/MAIS Code: | | | | | | | |
|--|-----------------------------|--------------------------|--------------------------|---------------------|-------------|---------------|--|--|--|--|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | | | | |
| Procurement Quantity (Units in Each) | 201 | 19 | 29 | 29 | - | 29 | | | | |
| Gross/Weapon System Cost (\$ in Millions) | 8,227.411 | 704.319 | 1,074.531 | 1,185.423 | - | 1,185.423 | | | | |
| Less PY Advance Procurement (\$ in Millions) | 1,048.935 | 137.486 | 197.830 | 215.432 | - | 215.432 | | | | |
| Net Procurement (P1) (\$ in Millions) | 7,178.476 | 566.833 | 876.701 | 969.991 | - | 969.991 | | | | |
| Plus CY Advance Procurement (\$ in Millions) | 1,280.177 | 212.820 | 106.686 | - | - | - | | | | |
| Total Obligation Authority (\$ in Millions) | 8,458.653 | 779.653 | 983.387 | 969.991 | - | 969.991 | | | | |
| (The following Resource Summary rows are for information | onal purposes only. The cor | responding budget reques | s are documented elsewhe | re.) | | | | | | |
| Initial Spares (\$ in Millions) | - | 0.304 | - | 0.069 | - | 0.069 | | | | |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 40,932.393 | 37,069.421 | 37,052.793 | 40,876.655 | - | 40,876.655 | | | | |

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

| | P | rior Years | 5 | | FY 2014 | | | FY 2015 | | FY | 2016 Bas | e | FY | ' 2016 OC | 0 | FY 2016 Total | | |
|--|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|---------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| lyaway Cost | | | | | , | | ' | | | | | | | | | | , | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) (1) | 15,126.990 | 201 | 3,040.525 | 14,610.895 | 19 | 277.607 | 15,101.586 | 29 | 437.946 | 15,704.621 | 29 | 455.434 | - | - | - | 15,704.621 | 29 | 455.4 |
| 1.1.2) CFE Electronics ^(†) | 8,425.562 | 201 | 1,693.538 | 7,506.684 | 19 | 142.627 | 7,593.448 | 29 | 220.210 | 7,619.993 | 29 | 220.980 | - | - | - | 7,619.993 | 29 | 220.9 |
| 1.1.3) GFE Electronics ^{(†) (2)} | 4,241.458 | 201 | 852.533 | 4,231.842 | 19 | 80.405 | 5,224.517 | 29 | 151.511 | 5,345.122 | 29 | 155.009 | - | - | - | 5,345.122 | 29 | 155.0 |
| 1.1.4) Engines/Eng Acc ^(†) | 646.142 | 402 | 259.749 | 736.079 | 38 | 27.971 | 753.828 | 58 | 43.722 | 755.760 | 58 | 43.834 | - | - | - | 755.760 | 58 | 43.8 |
| 1.1.5) Other GFE | 687.164 | 201 | 138.120 | 587.316 | 19 | 11.159 | 579.069 | 29 | 16.793 | 580.541 | 29 | 16.836 | - | - | - | 580.541 | 29 | 16.8 |
| 1.1.6) Rec Flyaway ECO | 75.102 | 196 | 14.720 | - | 19 | - | - | 29 | - | - | 29 | - | - | - | - | - | 29 | - |
| Subtotal: Recurring Cost | - | - | 5,999.185 | - | - | 539.769 | - | - | 870.182 | - | - | 892.093 | - | - | - | - | - | 892.0 |
| Non Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.2.1) Non-Recur Cost | - | - | 418.447 | - | - | 69.928 | - | - | 22.189 | - | - | - | - | - | - | - | - | - |
| 1.2.2) Production Line Shutdown ⁽⁴⁾ | - | - | - | - | - | - | - | - | - | - | - | 22.715 | - | - | - | - | - | 22.7 |
| 1.2.3) Acquisition Program Closeout ⁽⁵⁾ | - | - | - | - | - | - | - | - | - | - | - | 71.450 | - | - | - | - | - | 71.4 |
| 1.2.4) Ancillary Eqpt (6) | - | - | 594.941 | - | - | 26.522 | - | - | - | - | _ | 96.339 | - | - | _ | _ | - | 96.3 |

UNCLASSIFIED Page 3 of 10

LI 0182 - MH-60R Navy

P-1 Line #14

Volume 1 - 119

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0182 / MH-60R | 1 / MH-60R (MYP) |

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding

MDAP/MAIS Code:

| | P | rior Years | ; | | FY 2014 | | | FY 2015 | | F۱ | / 2016 Ba | se | F | / 2016 OC | :0 | FY | / 2016 Tot | al |
|---|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Subtotal: Non Recurring Cost | - | - | 1,013.388 | - | - | 96.450 | - | - | 22.189 | - | - | 190.504 | - | - | - | - | - | 190.50 |
| Subtotal: Flyaway Cost | - | - | 7,012.573 | - | - | 636.219 | - | - | 892.371 | - | - | 1,082.597 | - | - | - | - | - | 1,082.59 |
| Support Cost | | | | | , | | | | | | | | | | | | · | |
| 2.1) Airframe PGSE (7) | - | - | 54.320 | - | - | 15.183 | - | - | 29.073 | - | - | 23.184 | - | - | - | - | - | 23.18 |
| 2.2) Engine PGSE | - | - | 1.231 | - | - | 0.275 | - | - | 0.791 | - | - | 0.575 | - | - | - | - | - | 0.57 |
| 2.3) Avionics PGSE | - | - | 258.021 | - | - | 18.483 | - | - | 34.743 | - | - | 22.833 | - | - | - | - | - | 22.83 |
| 2.4) PEC Training Equipment ⁽⁸⁾ | - | - | 346.184 | - | - | 4.877 | - | - | 63.337 | - | - | 10.955 | - | - | - | - | - | 10.95 |
| 2.5) Pubs/Tech Data (9) | - | - | 26.921 | - | - | 0.510 | - | - | 1.003 | - | - | 0.974 | - | - | - | - | - | 0.97 |
| 2.6) Other ILS (10) | - | - | 71.473 | - | - | 2.530 | - | - | 8.509 | - | - | 14.573 | - | - | - | - | - | 14.57 |
| 2.7) Field Activities (11) | - | - | 328.048 | - | - | 25.484 | - | - | 39.748 | - | - | 24.763 | - | - | - | - | - | 24.76 |
| 2.8) Production Line Support | - | - | 128.640 | - | - | 0.758 | - | - | 4.956 | - | - | 4.969 | - | - | - | - | - | 4.96 |
| Subtotal: Support Cost | - | - | 1,214.838 | - | - | 68.100 | - | - | 182.160 | - | - | 102.826 | - | - | - | - | - | 102.82 |
| Gross/Weapon System Cost | 40,932.393 | 201 | 8,227.411 | 37,069.421 | 19 | 704.319 | 37,052.793 | 29 | 1,074.531 | 40,876.655 | 29 | 1,185.423 | - | _ | _ | 40,876.655 | 29 | 1,185.42 |

^(†) indicates the presence of a P-5a

ID Code (A=Service Ready, B=Not Service Ready)

Footnotes:

LI 0182 - MH-60R

Navy

Page 4 of 10

P-1 Line #14

Volume 1 - 120

⁽¹⁾ Cost elements 1.1.1 Airframe/CFE FY 2014 costs decreased from the FY 2015 President's budget due to a Multi-Year Procurement (MYP) contract price adjustment to reflect additional Foreign Military Sales (FMS) quantities. This cost savings was used to offset the \$30 Million program reduction received in the FY 2014 Appropriations Act. Unit cost increases from FY 2015 to FY 2016 due to previously Congressionally approved MYP contract pricing that includes the last lot of aircraft paying for higher indirect costs for overhead required through final airframe delivery in January 2018.

⁽²⁾ Cost elements 1.1.3 GFE Electronics FY 2014 costs decreased from the FY 2015 President's budget due to should cost savings realized from utilizing refurbished GFE equipment. This cost savings was used to offset the \$30 Million program reduction received in the FY 2014 Appropriations Act. Unit cost increases from FY 2015 to FY 2016 due to costs associated with the compliance of the Pension Protection Act on the Lockheed Martin MYP contract.

⁽³⁾ Cost element 1.2.1 Non-Rec Cost FY2015 costs decreased \$4.614M due to a Congressional reduction for production line shutdown funding ahead of need. The actual Congressional reduction was for \$20M, but only \$4.614M of the FY 2015 Non-Recurring cost was budgeted for production line shutdown efforts. The remaining reduction of \$15.386M was taken from Pubs/Tech Data and ILS lines.

⁽⁴⁾ In the FY 2015 President's Budget, Cost element 1.2.2 Production Line Shutdown was budgeted under Non-recurring cost element 1.2.1. The production line shutdown estimate methodology is based on a study performed by NAVAIR-4.2 (cost department). Data was collected from the following programs: A-6, B-1, C-2, EA-6, F-14, F-15, F/A-18C/D, H-53 and T-45. In addition, the estimate incorporates a study of the F-22 line shutdown. MH-60R shutdown funding provides for informed disposition of tooling, test equipment, and excess property; procures tooling and test equipment data (part number, assembly, etc.) supporting disposition decision; develops algorithm / decision tree for disposition of tooling; and executes packaging, shipment / disposal of tooling. MH-60R shutdown requirements include all common production efforts with MH-60S that will need to continue through final MH-60R deliveries; therefore, MH-60R is responsible for shutdown costs.

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|---|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 01 / 1 | P-1 Line Item Number / Title: 0182 / MH-60R | Item Number / Title [DODIC]: 1 / MH-60R (MYP) |
| ID Code (A=Service Ready, B=Not Service Ready) : | MDAP/MAIS Code: | |

- (5) In the FY 2015 President's Budget, Cost element 1.2.3 Acquisition Program Close-out was budgeted under Non-recurring cost element 1.2.1. This funding will transition the MH-60R from a sole source original equipment manufacturer (OEM) to an organic and competitive procurement environment. Specific activities include: engineering data access to establish a data sharing vehicle with Sikorsky that is required to execute NAVAIR Basic Design Engineering; provide ability to modify and build the MH-60R aircraft software and test aircraft software in a laboratory environment prior to government flight test so aircraft is not tied to the OEM for life increasing costs for insertion of capability thereby reducing likelihood of funding; software product improvement; Interactive Electronic Technical Manuals (IETM) file conversion to convert IETMs data from an OEM proprietary format to S1000D compliant version in support of last aircraft delivery, enable use of an open viewer and organic IETMs updates, and eliminate reliance on the OEM for costly IETMs updates, cost avoidance of \$34M over the life cycle of the aircraft; and a drawing Baseline Package to update ~10% of drawings ensuring baseline configuration management of data prior to line shutdown and take delivery of an updated Data Package that enables ISSC function (analysis, competitive component manufacture, system integration), reduces reliance on the OEM, enables government configuration management, and enables government as system integrator in sustainment.
- (6) Cost increase element 1.2.2 Ancillary Equipment cost increase from FY 2015 to FY 2016 is to procure final 20 Airborne Low Frequency Sonar (ALFS) units to meet program of record requirements.
- (7) Cost Element 2.1 Airframe Peculiar Ground Support Equipment (PGSE) FY2015 costs reflect a \$8.5M Congressional reduction. Cost element 2.3 Avionics PGSE FY2015 funds reflect a \$14.0M Congressional reduction. Cost Elements 2.1 Airframe PGSE, 2.2 Engine PGSE, and 2.3 Avionics PGSE requirements in FY 2016 support Title 10 United States code requirements to establish remaining program requirements for depot level maintenance and repair capabilities. Cost element 2.3 FY2016 costs are for ALFS Consolidated Automated Support System (CASS) Operational Test Program Sets (OTPS) and common cockpit depot stand-up.
- (8) Cost Element 2.4 Pec Training requirements in FY 2016 procure Avionics Operation Program (AOP) upgrades to multiple operator and maintenance trainers to incorporate final production line configuration.
- (9) Cost Element 2.5 Pubs/Tech Data FY2015 funds reflect a \$2.5M Congressional reduction, and a \$6.5M reduction due to Congressional reduction as annotated in Note (3).
- (10) Cost Element 2.6 ILS FY2015 funds reflect a \$8.9M reduction due to Congressional reduction as annotated in Note (3).
- (11) Cost element 2.7 Field Activities FY 2015 funds reflect a \$5.6M Congressional reduction. Cost element 2.7 Field Activities FY 2017 funds reflect an increase for engineering, technical, logistics, and program analysis related to the MH-60R program. These funds directly support the procurement, production verification and delivery of aircraft, government furnished equipment, trainers, support equipment, ancillary equipment and associated configuration changes. Typically, field activity funds are budgeted for on an annualized basis. Since FY 2017 is the final year of funding for the MH-60R, funds are required to support the program through final aircraft, trainer, GFE, ALFS (ancillary equipment), and support equipment deliveries which last past FY 2017. Thirty-one aircraft are scheduled to be delivered in FY 2017 and twenty aircraft are scheduled for FY 2018 deliveries. Also, funds are required for government and CSS support for final contract closeouts, acquisition program closeout and production line shutdown.

LI 0182 - MH-60R

Navy

Page 5 of 10

P-1 Line #14

Volume 1 - 121

Exhibit P-5a, Procurement History and Planning: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 01 / 1

P-1 Line Item Number / Title:
0182 / MH-60R

Item Number / Title [DODIC]:
1 / MH-60R (MYP)

| 1000147 017 1 | | | • | 102 / WILL 0011 | | | | 1 / 1011 1 | 3011 (11111) | , | | |
|---------------------------------------|-------------|-----------|-----------------------------------|--------------------------------------|-----------------|---------------|------------------------------|---------------|--------------|------------------------|-------------------------------|----------------------|
| Cost Elements | 0 C 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | Sikorsky A/C Corp / Stratford, CT | SS/FFP | Army | Dec 2012 | Feb 2014 | 19 | 15,242.105 | Y | | Jul 2009 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | Sikorsky A/C Corp / Stratford, CT | SS/FFP | Army | Jan 2014 | Feb 2015 | 19 | 14,610.895 | Y | | Jul 2009 |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | Sikorsky A/C Corp / Stratford, CT | SS/FFP | Army | Dec 2014 | Feb 2016 | 29 | 15,101.586 | Y | | Jul 2009 |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | Sikorsky A/C Corp / Stratford, CT | C / TBD | Army | Dec 2015 | Feb 2017 | 29 | 15,704.621 | Y | | Jul 2009 |
| 1.1.2) CFE Electronics ^(†) | | 2013 | Lockheed Martin / Owego, NY | SS/FFP | NAVAIR | Nov 2012 | Jul 2014 | 19 | 7,127.632 | Y | | Dec 2009 |
| 1.1.2) CFE Electronics ^(†) | | 2014 | Lockheed Martin / Owego, NY | SS/FFP | NAVAIR | Nov 2013 | Jul 2015 | 19 | 7,506.684 | Y | | Dec 2009 |
| 1.1.2) CFE Electronics ^(†) | | 2015 | Lockheed Martin / Owego, NY | SS/FFP | NAVAIR | Dec 2014 | Jul 2016 | 29 | 7,593.448 | Y | | Dec 2009 |
| 1.1.2) CFE Electronics ^(†) | | 2016 | Lockheed Martin / Owego, NY | SS/FFP | NAVAIR | Dec 2015 | Jul 2017 | 29 | 7,619.993 | Y | | Dec 2009 |
| 1.1.3) GFE Electronics ^(†) | | 2013 | Lockheed Martin / Owego, NY | SS/FFP | NAVAIR | Nov 2012 | Jul 2014 | 19 | 4,753.789 | Y | | Dec 2009 |
| 1.1.3) GFE Electronics ^(†) | | 2014 | Lockheed Martin / Owego, NY | SS/FFP | NAVAIR | Dec 2013 | Jul 2015 | 19 | 4,231.842 | Y | | Dec 2009 |
| 1.1.3) GFE Electronics ^(†) | | 2015 (12) | Lockheed Martin / Owego, NY | SS / FFP | NAVAIR | Dec 2014 | Jul 2016 | 29 | 5,224.517 | Y | | Dec 2009 |
| 1.1.3) GFE Electronics ^(†) | | 2016 | Lockheed Martin / Owego, NY | SS / FFP | NAVAIR | Dec 2015 | Jul 2017 | 29 | 5,345.122 | Y | | Dec 2009 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2013 | General Electric Co. / Lynn, MA | SS/FFP | Army | Dec 2012 | Jul 2013 | 38 | 727.974 | Y | | Mar 2012 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2014 | General Electric Co. / Lynn, MA | SS/FFP | Army | Dec 2013 | Jul 2014 | 38 | 736.079 | Y | | Mar 2012 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2015 | General Electric Co. / Lynn, MA | SS/FFP | Army | Dec 2014 | Aug 2015 | 58 | 753.828 | Y | | Mar 2012 |
| 1.1.4) Engines/Eng Acc ^(†) | | 2016 | General Electric Co. / Lynn, MA | SS/FFP | Army | Dec 2015 | Aug 2016 | 58 | 755.760 | Y | | Mar 2012 |

^(†) indicates the presence of a P-21

Footnotes:

Page 6 of 10

⁽¹²⁾ Cost Element 1.1.3 Government Furnished Equipment (GFE) Electronics contract award represents the Common Cockpit award; however, the unit price is incorrectly calculated based on the total GFE costs.

| | nibit | P-21, Pr | oductio | on Sc | hedul | e: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | , | | | |
|--|--|---|----------------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|---|
| | | oriation / / 01 / 1 | Budge | t Acti | vity / | Budç | get Sı | ıb Ac | tivity | : | | Line 2 / M | | | ber / | Title: | | | | | | | | Num 1H-60 | | | [DOD | IC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal Ye | ear 2013 | | | | | | | | | | | Fiscal Y | ear 2014 | | | | | | |
| | | (| | ACCEPT | | | | | | | | | C | Calendar | Year 201 | 3 | | | | | _ | | | | dar Year | 2014 | | - | | |
| N O F C F | ₹ | SERVICE | PROC QTY | PRIOR TO 1 OCT 2012 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B |
| 1.1.1 |) Airfrar | me/CFE (1) | | | | | | | | | | | | | ļ. | | | | | | | | | | | | | | | |
| | | Deliveries: 182 | | | | | | | | | | | | | | | | | | | | | | | | | | - | | |
| 1 | 2013 | 3 NAVY | 19 | - | 19 | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | |
| 1 | 2013 | 3 ARMY (‡) | 95 | - | 95 | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | 10 | 8 | 9 | 9 | 7 | 9 | 8 | 6 | |
| 1 | 2013 | 3 Total | 114 | - | 114 | | | - | - | - | - | - | - | - | - | - | - 1 | - | - | - | - | 12 | 10 | 11 | 10 | 8 | 10 | 10 | 7 | |
| 1 | 2014 | 4 NAVY | 19 | - | 19 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | |
| 1 | 2014 | 4 ARMY (‡) | 76 | - | 76 | | | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | |
| 1 | 2014 | 4 Total | 95 | - | 95 | | | | | | | | | | | | | | | | - | - | - | - | - | - | - | - | - | |
| 1 | 2015 | 5 NAVY | 29 | - | 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2015 | 5 ARMY (‡) | 76 | - | 76 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2015 | 5 Total | 105 | - | 105 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2016 | 6 NAVY | 29 | - | 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1.2 |) CFE E | Electronics | | | | | • | | | | | | | | | | | | | | | , | | | | | | | | |
| Prior | Years I | Deliveries: 182 | | | | | | | | | | | | | | | | | | | | | | | | | | | | , |
| _ | | 3 NAVY | 19 | - | 19 | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 2 | 3 | |
| _ | | 4 NAVY | 19 | - | 19 | | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | |
| 2 | 2015 | 5 NAVY | 29 | - | 29 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | _ | | | | 29 | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| | 2016 | 6 NAVY | 29 | - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1.3 | 2016 3) GFE E | Electronics (2) | 29 | - | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1.3 Prior | 2016 3) GFE E Years I | Electronics ⁽²⁾ Deliveries: 182 | | | | | · | | | | | | | | I | | | | | | | | | | | | | | | |
| 1.1.3 Prior | 2016 3) GFE E Years I 2013 | Electronics ⁽²⁾ Deliveries: 182 3 NAVY | 19 | - | 19 | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 2 | 3 | - |
| 1.1.3 Prior 3 | 2016 3) GFE E Years I 2013 2014 | Electronics (2) Deliveries: 182 3 NAVY 4 NAVY | 19 | - | 19 19 | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - A - | | | | - | | | 3 | 2 | 3 | |
| 1.1.3 Prior 3 3 | 2016 Years I 2013 2014 2015 | Deliveries: 182 3 NAVY 4 NAVY 5 NAVY | 19 19 29 | | 19 19 29 | | A - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | \vdash | | | | |
| 1.1.3 Prior 3 3 3 | 2016 Years I 2013 2014 2015 2016 | Deliveries: 182 3 NAVY 4 NAVY 5 NAVY 6 NAVY | 19 | - | 19 19 | | A - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | \vdash | | | | |
| 1.1.3 Prior 3 3 3 3 | 2016 3) GFE E Years I 2013 2014 2015 2016 2016 2016 | Deliveries: 182 3 NAVY 4 NAVY 5 NAVY | 19 19 29 | | 19 19 29 | | A - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | | | \vdash | | | | |
| 1.1.3 Prior 3 3 3 3 1.1.4 | 2016 Years I 2013 2014 2015 2016 2016 2016 2016 | Deliveries: 182 3 NAVY 4 NAVY 5 NAVY 6 NAVY nes/Eng Acc | 19 19 29 | | 19 19 29 | | A - | - A - | - | - | - | - | - | - | - | - | - 4 | - 2 | - 2 | A - | - | | | | | - | - | | | |
| 1.1.3 Prior 3 3 3 3 1.1.4 | 2016 Years I 2014 2015 2016 2016 Years I 2016 2016 2016 | Deliveries: 182 3 NAVY 4 NAVY 5 NAVY 6 NAVY nes/Eng Acc Deliveries: 364 | 19 19 29 29 | - - - | 19 19 29 29 | | A - | | | | | | | | | | | | | A - | - | - | - | - | - | - | - | - | | - |
| 1.1.3 Prior 3 3 3 3 1.1.4 Prior | 2016 2018 Years I 2013 2014 2016 2016 2016 Years I 2017 2018 2018 2013 2014 | Electronics (2) Deliveries: 182 3 NAVY 4 NAVY 5 NAVY 6 NAVY es/Eng Acc Deliveries: 364 3 NAVY | 19 19 29 29 29 | | 19 19 29 29 | | A - | | | | | | | | | | | | | A - | - 4 | 2 | 4 | - 4 | - 4 | 2 | - | - | - | |
| 1.1.3 3 3 3 3 3 3 4 4 4 | 2016 2016 Years I 2013 2014 2015 2016 2016 Years I 2012 2014 2015 | Electronics (2) Deliveries: 182 3 NAVY 4 NAVY 5 NAVY 6 NAVY nes/Eng Acc Deliveries: 364 3 NAVY 4 NAVY | 19 19 29 29 29 | | 19 19 29 29 29 | | A - | | | | | | | | | | | | | A - | - 4 | 2 | 4 | - 4 | - 4 | 2 | - | - | - | |

LI 0182 - MH-60R Navy UNCLASSIFIED
Page 7 of 10

W14 Volume 1 - 123

| EX | thit | oit | P-21, Pro | oducti | on Sc | hedu | le: PB | 3 2016 | 3 Nav | 'y | | | | | | | | | | | | | | Date | : Feb | oruary | 2015 | | | | |
|---------------|-------------|-------|---------------------|---------------------|------------------------------|------------------------------|--|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|--------|-------------|-------------|----|
| | | | riation / 01 / 1 | Budge | t Acti | vity / | Budg | et Su | ıb Ac | tivity | : | | | Item H-60R | | ber / | Title: | | | | | | | | | nber / R (M) | | [DOD | IC]: | | |
| | | | | lements in Each) | | | | | | | | Fiscal Y | ear 2015 | | | | | | | | | | F | iscal Ye | ar 2016 | | | | | | |
| | | | | | ACCEPT | | | | | | | | | Ca | alendar ` | Year 201 | 5 | | - | | | | | | Caler | ıdar Year | 2016 | | | | |
| 0 | M F R | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J J | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U | A U G | S E P | E |
| _ | | | ne/CFE (1) | QII | 2014 | 1001 | ' | ٧ | · | IN | В | - К | K | ı | N | | G | Г | • | · · | 0 | N | ь | K | K | ı | N | | | Г | Ш' |
| | | | Deliveries: 182 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | | | NAVY | 19 | 12 | 7 | 2 | 2 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| \rightarrow | - | 2013 | + | 95 | 66 | | | 6 | | | | | | | | | | | | | | | | | | | | | | ŀ | |
| \dashv | | 2013 | | 114 | 78 | 36 | | 8 | | 7 | | | | | | | | | | | | | | | | | | | | | |
| \rightarrow | - | 2014 | + | 19 | - | 19 | | | | - | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | | | | | | | | | |
| \rightarrow | _ | 2014 | | 76 | _ | 76 | | - | - | - | 6 | 6 | | | 7 | 6 | | 6 | 6 | 8 | | 7 | | | | | | | | | |
| _ | _ | 2014 | + | 95 | - | 95 | | | | - | 8 | 7 | | | 8 | 8 | | 8 | 8 | 9 | | 8 | | | | | | | | | |
| \rightarrow | | 2015 | | 29 | - | 29 | | | A - | - | - | | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | + |
| \rightarrow | _ | 2015 | + | | | 76 | | | A - | _ | _ | | _ | - | _ | | _ | _ | _ | | - | _ | 6 | 6 | 6 | | | 6 | 5 | 9 | +- |
| 4 | _ | 2015 | _ | 76 105 | - | 105 | | | - | _ | _ | _ | _ | - | - | _ | _ | - | _ | _ | - | _ | 8 | 8 | 9 | 7 | 8 | 8 | 8 | 11 | |
| \rightarrow | _ | | NAVY | 29 | - | 29 | | | - | - | - | | - | - | - | - | - | - | - | | A - | | - | - | - | - | - 0 | - | - | - '' | + |
| _ | | | lectronics | 29 | | 25 | | | | | | | | | | | | | | | A - | - 1 | - | - | | _ | | | | | |
| | | | Deliveries: 182 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | | | NAVY | 19 | 8 | 11 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | | | | | | | | | | | | | | | | Т |
| \forall | 2 | 2014 | NAVY | 19 | - | 19 | - | - | - | - | - | - | - | - | - | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | | | | |
| \forall | 2 | 2015 | NAVY | 29 | - | 29 | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 3 | |
| \exists | 2 | 2016 | NAVY | 29 | - | 29 | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | |
| 1.1 | .3) G | FE E | lectronics (2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | eliveries: 182 | | | | | | | | | | | | | | | | - | | | | | | | | | | | | |
| | 3 | 2013 | NAVY | 19 | 8 | 11 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | | | | | | | | | | | | - | | | | |
| | 3 | 2014 | NAVY | 19 | - | 19 | - | - | - | - | - | - | - | - | - | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | ı | | | |
| | 3 | 2015 | NAVY | 29 | - | 29 | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | 3 | |
| | 3 | 2016 | NAVY | 29 | - | 29 | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | |
| 1.1 | .4) E | ngine | s/Eng Acc | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pric | | | eliveries: 364 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \rightarrow | _ | 2013 | NAVY | 38 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \rightarrow | _ | 2014 | | 38 | 10 | | | 2 | | 4 | 4 | 4 | 2 | 2 | 2 | | | | | | | | | | | | | | | ļ | |
| \rightarrow | _ | 2015 | | 58 | - | 58 | | | Α - | - | - | - | - | - | - | - | 4 | 4 | 6 | 4 | | 4 | 6 | 4 | 6 | | 6 | 4 | | | 1 |
| | 4 | 2016 | NAVY | 58 | - | 58 | | | _ | | | | | | | | | | _ | | A - | - | - | - | - | - | - | - | 4 | 8 | + |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | U U | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | U L | A U G | S E P | |

LI 0182 - MH-60R Navy UNCLASSIFIED
Page 8 of 10

#14 Volume 1 - 124

| Ex | chik | oit F | P-21, Pro | oducti | on Sc | hedul | le: PB | 2016 | 3 Nav | /y | | | | | | | | | | | | | | D | ate: | Feb | ruary | 2015 | 5 | | | |
|---------------|------------------|---------------------|-----------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-----|---|-------------|-----|--------------|-------------|---------------|--------------|--------|-------------|-------------|-------------|
| | | | r iation / 01 / 1 | Budge | et Acti | vity / | Budg | et Su | ıb Ac | tivity | : | | | e Item 1H-60 | | nber / | Title | • | | | | | | | | | ber / R (M | Title YP) | [DOI | DIC]: | | |
| | | | | lements in Each) | | | | | | | | Fiscal Y | ear 2017 | 7 | | | | | | · | | | | Fis | cal Year | 2018 | | | | , | | |
| | | | | | ACCEPT | | | | | | - | | | | Calenda | r Year 20 | 17 | | | | | | | | | Calen | dar Yea | r 2018 | | | | |
| 0 | M F R # | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2016 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U | A U G | S E P | 0 C T | N O V | E | ≣ | J A N | E . | VI A R | A P R | M A Y | J U N | J J | A U G | S E P | B A L |
| 1.1 | .1) A | irframe | e/CFE ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | , | | | | | , | | | |
| | | | eliveries: 182 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | 1 | 2013 | NAVY | 19 | 19 | _ | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 | 2013 | ARMY (‡) | 95 | 95 | - | İ | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| \dashv | 1 : | 2013 | _ | 114 | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| \rightarrow | _ | 2014 | - | 19 | 19 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| \rightarrow | | 2014 | _ | 76 | 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| _ | | | _ | | | _ | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| \rightarrow | | 2014 2015 | _ | 95 29 | 95 18 | | 3 | 3 | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | - |
| \rightarrow | - | | | | | | 7 | 6 | | _ | | | | | | | | | | | | | | | | | | | | | | |
| _ | | 2015 | 7 (1 (1)) 1 | 76 | 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| \rightarrow | _ | | Total | 105 | 67 | 38 | | 9 | | | | | | 1 | 1 | | 1 | 1 | 1 | | | | | | | | | | | | | - |
| | | | 1 | 29 | - | 29 | - | - | - | - | 2 | 4 | 3 | 3 4 | 1 : | 2 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | | | | | | - |
| | | | ectronics | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | _ | | eliveries: 182 | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| \rightarrow | | | NAVY | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \rightarrow | - | | NAVY | 19 | | | | | | 1 - | _ | | | | | ח | | | | | | | | | | | | | | | | - |
| \rightarrow | | 2015 | | 29 | 7 | | 2 | 2 | | _ | | | | _ | 3 2 | | | | | | | | | - [| _ | | | | 1 | | | - |
| _ | | | NAVY | 29 | - | 29 | - | - | - | - | - | - | - | - | - | 2 | 4 | 3 | 3 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | - |
| | | | ectronics (2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | | | eliveries: 182 | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | , |
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| \rightarrow | | | NAVY | 19 | | | ļ, | | | _ | | | | | | \neg | | | | | | | | | | | | | | | | - |
| _ | | | NAVY | 29 | 7 | | 2 | 2 | | _ | | | _ | _ | 3 2 | | | | _ | | | | | | | | | | 1 | | | - |
| _ | | | NAVY | 29 | - | 29 | - | - | - | - | - | - | - | - | - | 2 | 4 | 3 | 3 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | - |
| | | | s/Eng Acc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| _ | _ | | eliveries: 364 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| \rightarrow | | | NAVY | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| \rightarrow | _ | 2014 | | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| _ | | 2015 | _ | 58 | 58 | | ļ | - | | 1 | | | | 1 | _ | | 7 | | | | | | | | | | | | | | | - |
| | 4 | 2016 | NAVY | 58 | 12 | 46 | | 8 | | + | 4 | 4 | 4 | _ | _ | | _ | | 1 | - | - | - | | | ı | | | | Г | | | - |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N U | J U L | U G | S E P | O C T | N O V | E C | ≣ | J A N | E . | M A R | A P R | M A Y | N U | n n | A U G | S E P | A L |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

LI 0182 - MH-60R Navy UNCLASSIFIED
Page 9 of 10

P-1 Line #14

Volume 1 - 125

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0182 / MH-60R | 1 / MH-60R (MYP) |

| | | Produc | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|----------|--------------------------------------|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-----------------------|--------------------|---------|----------------------|
| MFR | | | | | | Ini | tial | | | Reo | rder | |
| Ref # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 |
| 1 | Sikorsky A/C Corp - Stratford, CT | 24 | 27 | 48 | - | - | - | - | 3 | 3 | 25 | 28 |
| 2 | Lockheed Martin - Owego, NY | 24 | 27 | 36 | - | - | - | - | 3 | 3 | 32 | 35 |
| 3 | Lockheed Martin - Owego, NY | 24 | 27 | 36 | - | - | - | - | 3 | 3 | 32 | 35 |
| 4 | General Electric Co Lynn, MA | 12 | 72 | 144 | - | - | - | - | 3 | 2 | 9 | 11 |

^(‡) 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.

Navy

UNCLASSIFIED LI 0182 - MH-60R Volume 1 - 126 Page 10 of 10 P-1 Line #14

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).

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0182 / MH-60R

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 191 Item MDAP/MAIS Code(s):

| | | | - (-) | | | | | | | | | |
|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Gross/Weapon System Cost (\$ in Millions) | 1,280.177 | 212.820 | 106.686 | - | - | - | - | - | - | - | - | 1,599.683 |
| Net Procurement (P1) (\$ in Millions) | 1,280.177 | 212.820 | 106.686 | - | - | - | - | - | - | - | - | 1,599.683 |
| Total Obligation Authority (\$ in Millions) | 1,280.177 | 212.820 | 106.686 | - | - | - | - | - | - | - | - | 1,599.683 |

Description:

Aircraft

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 Undersea Warfare and Surface 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.

 LI 0182 - MH-60R
 UNCLASSIFIED

 Navy
 Page 1 of 4
 P-1 Line #15

 Volume 1 - 127

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

_ . . .

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0182 / MH-60R

Aircraft

Program Elements for Code B Items:

Other Related Program Elements:

P-1 Line Item Number / Title:

Line Item MDAP/MAIS Code: 191

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / MH-60R (MYP) | P-10 | | - / 1,280.177 | - / 212.820 | - / 106.686 | -/ - | -/ - | -/ - |
| Total Gross/Weapon System Cost | | | - / 1,280.177 | - / 212.820 | - / 106.686 | -1 - | -1 - | -1 - |

*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 add due to rounding.

Justification:

No FY 2016 advance procurement is required as FY 2016 is the final procurement year of the MH-60R.

Airframe & Avionics CFE, T.L. and miscellaneous Avionics GFE long lead requirements are necessary to maintain the MH-60R delivery schedule.

LI 0182 - MH-60R

Navy

Page 2 of 4

P-1 Line #15

Volume 1 - 128

| | | | UNCLASSIFIED | | | |
|---|---|------------------------------|----------------------------|------------------------------------|---|-------------------|
| Exhibit P-10, Advance Procure | ment Requirements Analys | is (page 1 - I | Budget Funding Justific | ation): PB 2016 Navy | Date: February 2015 | |
| Appropriation / Budget Activity 1506N / 01 / 1 | / Budget Sub Activity: | P-1 Line It 0182 / MH | em Number / Title: -60R | | P-5 Number / Title: 1 / MH-60R (MYP) | |
| First System (2016) Award Date: April 2012 | First System (2016) Compl October 2016 | etion Date: | | Interval Between Syste 1 Months | ems: | |
| MH-60R (MYP) | Production I | | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) |
| Quantity | | | 201 | 19 | 29 | 29 |
| Cost Element | When I | | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) |
| CFE | | | | | | |
| CFE - Airframe T.L. | | 0 | 376.326 | - | - | - |
| CC/Avionics - T.L./Other | | 0 | 554.460 | - | - | - |
| Total: CFE | | | 930.786 | - | - | - |
| GFE | | | | | | |
| GFE Other | | 0 | 22.958 | 5.025 | - | - |
| Total: GFE | | | 22.958 | 5.025 | - | - |
| EOQ | | | | | | |
| Airframe For FY 2013 EOQ/Long Lead | | 0 | 38.984 | - | - | - |
| Airframe For FY 2014 EOQ/Long Lead | | 0 | 53.858 | - | - | - |
| Airframe For FY 2015 EOQ/Long Lead | | 0 | 6.008 | 80.734 | - | - |
| Airframe For FY 2016 EOQ/Long Lead | | 0 | 6.075 | 3.693 | 85.828 | - |
| CC/Avionics For FY 2013 EOQ/Long Lead | | 0 | 59.000 | - | - | - |
| CC/Avionics For FY 2014 EOQ/Long Lead | | 0 | 80.835 | - | - | - |
| CC/Avionics For FY 2015 EOQ/Long Lead | | 0 | 75.173 | 30.890 | - | - |
| CC/Avionics For FY 2016 EOQ/Long Lead | d | 0 | 6.500 | 92.478 | 20.858 | - |
| Total: EOQ | | | 326.433 | 207.795 | 106.686 | - |
| Total Advance Procurement/Obligation | Authority | | 1,280.177 | 212.820 | 106.686 | - |

LI 0182 - MH-60R Navy Page 3 of 4 P-1 Line #15 **Volume 1 - 129**

| Exhibit P-10, Advance Procurement Requirements Analysis | (page 2 - Budget Funding Justification): PB 2016 Navy | Date: February 2015 |
|---|---|---------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | P-5 Number / Title: |
| 1506N / 01 / 1 | 0182 / MH-60R | 1 / MH-60R (MYP) |

| | | | | | | , | |
|--|---------------|------------------------------------|-----------|---------------------------|--------------------|--------|---------------------------------|
| | | | | FY 2 | 016 | • | |
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | |
| CFE - Airframe T.L. | 1 | | | | | | - |
| CC/Avionics - T.L./Other | 1 | | | | | | - |
| Total: CFE | | | | | | | - |
| GFE | | | | | | | |
| GFE Other | - | | | | | | - |
| Total: GFE | | | | | | | - |
| EOQ | | | | | | | |
| Airframe For FY 2013 EOQ/Long Lead | - | | | | | | - |
| Airframe For FY 2014 EOQ/Long Lead | - | | | | | | - |
| Airframe For FY 2015 EOQ/Long Lead | - | | | | | | - |
| Airframe For FY 2016 EOQ/Long Lead | - | | | | | | - |
| CC/Avionics For FY 2013 EOQ/Long Lead | - | | | | | | - |
| CC/Avionics For FY 2014 EOQ/Long Lead | - | | | | | | - |
| CC/Avionics For FY 2015 EOQ/Long Lead | - | | | | | | - |
| CC/Avionics For FY 2016 EOQ/Long Lead | - | | | | | | - |
| Total: EOQ | | | | | | | - |
| Total Advance Procurement/Obligation Authority | | | | | | | - |

Description:

Contractor Furnished Equipment (CFE) long lead/ Economic Order Quantity (EOQ) funding procures, via MYP8, the airframe components with lead times requiring Advanced Procurement funds and, via MYP2, the required Mission System Avionics Suite & Common Cockpit (CC) with lead times requiring Advanced Procurement funds. The MH-60R MYP2 contract does not breakout these items as they are procured as a total mission systems and common cockpit suite. Government Furnished Equipment (GFE) long lead items include Integrated Mechanical Diagnostics (IMDS), Rate Gyros, Forward Looking Infared (FLIR) Hand Control Units, BRU-14 bomb racks, Cartridge Activiated Devices (CADS), and other miscellaneous avionics requirements (14-27 months PLT) which are necessary to maintain the MH-60R delivery schedule.

 LI 0182 - MH-60R
 UNCLASSIFIED

 Navy
 Page 4 of 4
 P-1 Line #15

 Volume 1 - 130

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

Prior

0193 / P-8A Poseidon

FY 2016

Aircraft

ID Code (A=Service Ready, B=Not Service Ready): B Program Elements for Code B Items: 0605500N

Other Related Program Elements:

To

Line Item MDAP/MAIS Code: 334 Item MDAP/MAIS Code(s):

| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Iotai | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Iotai |
|---|---------------|------------------|--------------------|-----------------|-----------------|-----------------|---------------|---------------|-------------|---------|----------|-------------|
| Procurement Quantity (Units in Each) | 37 | 16 | 9 | 16 | - | 16 | 12 | 12 | 7 | - | - | 109 |
| Gross/Weapon System Cost (\$ in Millions) | 8,130.053 | 3,183.543 | 2,283.803 | 3,196.221 | - | 3,196.221 | 2,421.987 | 2,549.543 | 1,854.534 | - | - | 23,619.684 |
| Less PY Advance Procurement (\$ in Millions) | 678.762 | 300.679 | 161.116 | 187.293 | - | 187.293 | 263.699 | 272.127 | 163.188 | - | - | 2,026.864 |
| Net Procurement (P1) (\$ in Millions) | 7,451.291 | 2,882.864 | 2,122.687 | 3,008.928 | - | 3,008.928 | 2,158.288 | 2,277.416 | 1,691.346 | - | - | 21,592.820 |
| Plus CY Advance Procurement (\$ in Millions) | 979.441 | 313.160 | 48.457 | 269.568 | - | 269.568 | 261.953 | 154.285 | - | - | - | 2,026.864 |
| Total Obligation Authority (\$ in Millions) | 8,430.732 | 3,196.024 | 2,171.144 | 3,278.496 | - | 3,278.496 | 2,420.241 | 2,431.701 | 1,691.346 | - | - | 23,619.684 |
| (The following | Resource Sumi | mary rows are fo | r informational pu | rposes only. Th | e corresponding | budget requests | are documente | d elsewhere.) | | | <u> </u> | |
| Initial Spares (\$ in Millions) | - | 20.553 | 0.204 | 1.569 | - | 1.569 | 20.096 | 20.559 | 20.804 | - | - | 83.785 |
| Flyaway Unit Cost (\$ in Thousands) | 187,266.081 | 165,315.563 | 171,572.222 | 165,380.750 | - | 165,380.750 | 181,405.333 | 185,927.083 | 219,105.857 | - | - | 180,787.761 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 219,731.162 | 198,971.438 | 253,755.889 | 199,763.813 | - | 199,763.813 | 201,832.250 | 212,461.917 | 264,933.429 | - | - | 216,694.349 |

FY 2016

FY 2016

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.

 LI 0193 - P-8A Poseidon
 UNCLASSIFIED

 Navy
 Page 1 of 11
 P-1 Line #16

 Volume 1 - 131

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement. Navv / BA 01: Combat Aircraft / BSA 1: Combat

0193 / P-8A Poseidon

Aircraft

 $\textbf{ID Code} \,\, (\mathsf{A}\text{=}\mathsf{Service} \,\, \mathsf{Ready}, \, \mathsf{B}\text{=}\mathsf{Not} \,\, \mathsf{Service} \,\, \mathsf{Ready}) : B$

Program Elements for Code B Items: 0605500N

Other Related Program Elements:

Line Item MDAP/MAIS Code: 334

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--|-----------------|----|--|--|--|--|--|--|
| Title* | Exhibits | CD | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA) | P-5, P-5a, P-21 | | 37 / 8,130.053 | 16 / 3,183.543 | 9 / 2,283.803 | 16 / 3,196.221 | - / - | 16 / 3,196.221 |
| Total Gross/Weapon System Cost | | | 37 / 8,130.053 | 16 / 3,183.543 | 9 / 2,283.803 | 16 / 3,196.221 | - / - | 16 / 3,196.221 |

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

Justification:

FY 2016 procurement funds are required for 14 Full Rate Production #3 aircraft with associated trainers and support.

Realignment of requirements from CFE to GFE due to a change in acquisition strategy as part of the program's overall Should Cost Plan to reduce costs. This change in strategy, which was implemented as part of DoD's Better Buying Power initiative will continue through the end of the program. All cost savings associated with this initiative were consumed with the change in aircraft profile across the FYDP. FY16 GFE increase is due to the procurement of an additional 8 GFE items which were previously procured as CFE (22 GFE items procured in FY14, 30 GFE items procured in FY16 and out). Embedded in this GFE acquisition strategy is the procurement of fifty-six (56) APY-10 Radars via a multi-year procurement. The requirement of fifty-six (56) production radars is composed of nine (9) radars in FY15, sixteen (16) radars in FY16, twelve (12) radars in FY17, twelve (12) radars in FY18 and seven (7) radars in FY19 with a savings of \$20.7 million.

ECO funding profile reflects funding required to address remaining aircraft deficiency corrections and a higher rate of change orders anticipated in the first year of the AAS A-kit procurement and in line incorporation in the production configuration.

Airframe, Avionics and Engine Peculiar Ground Support Equipment (PGSE) requirements are derived by three factors:

- Aircraft quantities.
- Scheduled site stand up of two CONUS Main Operating Bases (MOB) and four OCONUS Primary Deployment Sites (PDS). The FY14/15/16 Airframe PGSE funds are in support of the FY15 Site Stand-up of Bahrain PDS. FY16 Site Stand-up of Whidbey Island MOB and the FY18 Site Stand-ups of Kaneohe Bay PDS and Sigonella PDS.
- The establishment of Depot repair capability for the entire weapon system. P-8A depot investment requirements are derived from Title 10 USC 2464 Core depot level maintenance and repair and the Inter-Service Depot Source of Repair (DSOR) Process.

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).

Tech Pub funding profile reflects the requirement to develop source data and publish technical publications, such as the structural repair manual, needed as the P-8A enters its operational life cycle.

UNCLASSIFIED

LI 0193 - P-8A Poseidon Page 2 of 11 Navy

Exhibit P-5, Cost Analysis: PB 2016 Navy **Date:** February 2015

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Number / Title: Item Number / Title [DODIC]:

1 / P-8A MULTI-MISSION MARITIME 1506N / 01 / 1 0193 / P-8A Poseidon AIRCRAFT (MMA)

| ID Code (A=Service Ready, B=Not Service Ready): | | M | DAP/MAIS Code: | | | |
|---|-------------|-----------|----------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 37 | 16 | 9 | 16 | - | 16 |
| Gross/Weapon System Cost (\$ in Millions) | 8,130.053 | 3,183.543 | 2,283.803 | 3,196.221 | - | 3,196.221 |
| Less PY Advance Procurement (\$ in Millions) | 678.762 | 300.679 | 161.116 | 187.293 | - | 187.293 |
| Net Procurement (P1) (\$ in Millions) | 7,451.291 | 2,882.864 | 2,122.687 | 3,008.928 | - | 3,008.928 |

979.441 Plus CY Advance Procurement (\$ in Millions) 313.160 48.457 269.568 269.568 Total Obligation Authority (\$ in Millions) 8,430.732 3,196.024 2,171.144 3,278.496 3,278.496

(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) Initial Spares (\$ in Millions) 20.553 0.204 1.569 1.569 198,971.438 199,763.813 Gross/Weapon System Unit Cost (\$ in Thousands) 219,731.162 253,755.889 199,763.813

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

| | Prior Years FY 2014 | | | | | | | FY 2015 | | FY | 2016 Bas | e | FY | 2016 OC | 0 | FY | 2016 Tot | al |
|------------------------------------|---------------------|---------------|-------------------------|-------------|----------------------|-------------------------|-------------|----------------------|-------------------------|-------------|---------------|-------------------------|-----------|---------------|-------------------------|-------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | | | ' | | | , | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 129,782.459 | 37 | 4,801.951 | 126,195.588 | 16 | 2,019.129 | 129,266.804 | 9 | 1,163.401 | 125,833.359 | 16 | 2,013.334 | - | - | - | 125,833.359 | 16 | 2,013.33 |
| 1.1.2) CFE Electronics | - | - | 1,598.783 | - | - | 363.516 | - | - | 176.423 | - | - | 301.824 | - | - | - | - | - | 301.82 |
| 1.1.3) GFE Electronics | - | - | 113.149 | - | - | 125.530 | - | - | 121.539 | - | - | 216.984 | - | - | - | - | - | 216.98 |
| 1.1.4) Other GFE | - | - | 1.521 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.1.5) Rec Flyaway ECO | - | - | 265.954 | - | - | 82.910 | - | - | 29.978 | - | - | 51.487 | - | - | - | - | - | 51.48 |
| Subtotal: Recurring Cost | - | - | 6,781.358 | - | - | 2,591.085 | - | - | 1,491.341 | - | - | 2,583.629 | - | - | - | - | - | 2,583.62 |
| Non Recurring Cost | | | | | , | | | | | | | | | | | | | |
| 1.2.1) Ancillary Equip | - | - | 10.698 | - | - | - | - | - | 7.328 | - | - | 16.163 | - | - | - | - | - | 16.16 |
| 1.2.2) Non-Recur Cost | - | - | 136.789 | - | - | 53.964 | - | - | 45.481 | - | - | 46.300 | - | - | - | - | - | 46.30 |
| Subtotal: Non Recurring Cost | - | - | 147.487 | - | - | 53.964 | - | - | 52.809 | - | - | 62.463 | - | - | - | - | - | 62.46 |
| Subtotal: Flyaway Cost | - | - | 6,928.845 | - | - | 2,645.049 | - | - | 1,544.150 | - | - | 2,646.092 | - | - | - | - | - | 2,646.09 |
| Support Cost | | | | | | | | | • | | | | | | | | | |
| 2.1) Airframe PGSE | - | - | 52.940 | - | - | 59.069 | - | - | 70.650 | - | - | 58.413 | - | - | - | - | - | 58.41 |
| 2.2) Engine PGSE | - | - | 4.880 | - | - | 5.411 | - | - | 4.923 | - | - | 0.154 | - | - | - | - | - | 0.15 |
| 2.3) Avionics PGSE | - | - | 101.958 | - | - | 118.792 | - | - | 293.092 | - | - | 271.778 | - | - | - | - | - | 271.77 |
| 2.4) Pec Trng Eq | - | - | 742.123 | - | - | 225.969 | - | - | 242.220 | - | - | 116.333 | - | - | - | - | - | 116.33 |

UNCLASSIFIED

| Exhibit P-5, Cost Analysis: PB 2016 Navy | Date: February 2015 |
|--|--|
| the character - and continue to a section of the continue to t | 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 add, due to rounding.

| | F | Prior Years | 5 | | FY 2014 | | | FY 2015 | | F | / 2016 Ba | se | F` | Y 2016 OC | 0 | F | Y 2016 Tot | al |
|-----------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-----------|---------------|-------------------------|-------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.5) Pub/Tech Eq | - | - | 73.456 | - | - | 55.977 | - | - | 49.773 | - | - | 27.593 | - | - | - | - | - | 27.593 |
| 2.6) Prod Eng Supt | - | - | 94.287 | - | - | 30.248 | - | - | 30.832 | - | - | 31.418 | - | - | - | - | - | 31.418 |
| 2.7) Other ILS | - | - | 131.564 | - | - | 43.028 | - | - | 48.163 | - | - | 44.440 | - | - | - | - | - | 44.440 |
| Subtotal: Support Cost | - | - | 1,201.208 | - | - | 538.494 | - | - | 739.653 | - | - | 550.129 | - | - | - | - | - | 550.129 |
| Gross/Weapon System Cost | 219,731.162 | 37 | 8,130.053 | 198,971.438 | 16 | 3,183.543 | 253,755.889 | 9 | 2,283.803 | 199,763.813 | 16 | 3,196.221 | - | - | - | 199,763.813 | 16 | 3,196.221 |

Remarks:

NOTES: Totals may not add due to rounding.

Footnotes:

(1) The NRE has increased due to the receipt of actuals to date for Diminishing Manufacturing Source Material Shortage (DMSMS).

LI 0193 - P-8A Poseidon Navy

^(†) indicates the presence of a P-5a

| Exhibit P-5a, Procurement History and Planning: PB 2016 | Navy | Date: February 2015 |
|---|---|---|
| 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) |

| | 0 | | | Method/Type or | | Award | Date of First | Qty | Unit Cost | Specs Avail | Date Revision | RFP Issue |
|------------------------------------|---|------|--------------------------------------|-------------------|-----------------|----------|---------------|--------|-------------|----------------|------------------|--------------|
| Cost Elements | 0 | FY | Contractor and Location | Funding Vehicle | Location of PCO | Date | Delivery | (Each) | (\$ K) | | | Date |
| 1.1.1) Airframe/CFE ^(†) | | 2010 | The Boeing Company (2) / Seattle, WA | SS / FPIF | NAVAIR | Jan 2011 | Feb 2012 | 6 | 117,991.866 | Υ | | Mar 2009 |
| 1.1.1) Airframe/CFE ^(†) | | 2011 | The Boeing Company (2) / Seattle, WA | SS / FPIF | NAVAIR | Nov 2011 | Mar 2013 | 7 | 124,693.938 | Υ | | Mar 2010 |
| 1.1.1) Airframe/CFE ^(†) | | 2012 | The Boeing Company (2) / Seattle, WA | SS / FPIF | NAVAIR | Sep 2012 | Jun 2014 | 11 | 135,285.727 | Υ | | May 2011 |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | The Boeing Company (2) / Seattle, WA | SS / FPIF | NAVAIR | Jul 2013 | May 2015 | 13 | 133,307.615 | Υ | | Jun 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | The Boeing Company (2) / Seattle, WA | SS / FPIF | NAVAIR | Mar 2014 | May 2016 | 16 | 126,195.588 | Υ | | Jun 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | The Boeing Company (2) / Seattle, WA | SS / FPIF | NAVAIR | Jun 2015 | May 2017 | 9 | 129,266.804 | Υ | | Mar 2014 |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | The Boeing Company (2) / Seattle, WA | SS / FPIF | NAVAIR | Feb 2016 | May 2018 | 16 | 125,833.359 | Υ | | Mar 2014 |

^(†) indicates the presence of a P-21

Footnotes:

⁽²⁾ Manufacturer Production Lead Time does not reflect additional 10-month lead time required for long lead items procured through the Advance Procurement contract.

| Ex | hibit | t P- | 21, Pro | ducti | on Sc | hedul | e: Pl | B 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | : Feb | oruary | 2015 | | | | |
|-------|-------------------|------|---------------------|-------------|--|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|------------------------|--------|-------------|-------------|-------------|
| - | pro 06N | - | ation / I 1 / 1 | Budge | et Acti | vity / | Bud | get Sı | ub Ac | ctivity | : | | Line 3 / P- | | | | Title: | | | | | | | 1/F | P-8A N | | Title I-MISS MA) | | | ITIME | Ξ. |
| | | | Cost El (Units i | | | | | | | | | Fiscal Y | ear 2011 | | | | | | | | , | | | Fiscal Y | ear 2012 | | | | | | |
| 0 0 0 | R | Y | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2010 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | Year 201 J U L | 1 A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | Caler A P R | M A Y | J U N | J U | A U G | S E P | B A L |
| 1.1. | .1) Airfra | | | | | | | | | | | 1 | l | | | | | | | | | I | | | | | | ļ | | | |
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| | 1 20 | 12 N | YVAV | 11 | - | 11 | | | | | | | | | | | | | | | | | | | | | | | | A - | 1 |
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| | 1 20 | 14 N | VAVY | 16 | - | 16 | | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| | 1 20 | 15 N | VAVY | 9 | - | 9 | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| | 1 20 | 16 N | YVAV | 16 | - | 16 | | | | | | | | | | | | | | | | | | | | | | | | | 16 |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J J | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | U J | A U G | S E P | B A L |

| Ex | hibit | P-21, Pr | oducti | ion Sc | hedul | e: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | e: Fel | oruary | 2015 | , | | | |
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| Π. | | | | ACCEPT | | | | | | | | | C | alendar | Year 20 | 13 | | | | _ | | | | Cale | ndar Year | r 2014 | | | | |
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| 1.1. | 1) Airfra | me/CFE | | | | | | | | | | , | , | | | | | | | | | | | | | | | | | |
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| | 1 201 | 6 NAVY | 16 | - | 16 | 0 | N | D | J | F | М | Α | М | J | J | Α | s | 0 | N | D | J | F | М | Α | М | J | J | A | s | В |
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| 1.1.1) Airf | rframe | e/CFE | | | | | | | | | I | | | | | | | | | | | | | | | | | | | |
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| Exi | hibit | t P-2 | 21, Pro | oducti | on Sc | hedul | le: PB | 3 201 | 6 Nav | y | | | | | | | | | | | | | | Date | e: Feb | oruary | 2015 | 5 | | | |
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| 1.1.1 | 1) Airfr | ame/CF | =E | | | | | | | | | | | | | | | | | | | | | | | | | , | | | , |
| 1 | 1 20 | 10 NA | AVY | 6 | 6 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
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| Appropriation / Budget Activity / Budget Sub Activity: D193 / P-8A Poseidon D193 / P-8A Poseidon D193 / P-8A Poseidon D193 / P-8A MULTI-MISSION MARTA | Exhil | bit F | -21, Pro | oducti | on Sc | hedul | e: PB | 2016 | 3 Nav | у | | | | | | | | | | | | | | Date | : Feb | oruary | 201 | 5 | | | | | |
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| Column Fiscal Year 2019 Fi | | | | Budge | t Acti | vity / | Budg | et Su | ıb Ac | tivity | | | | | | | Title | : | | | | | | 1/P | -8A N | ИULT | I-MIS | | | ITIM | E | | |
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| T V C N B R R Y N L G P T V C N B R R Y N L G | | | | | | | | | | A N | | | | | | | Ü | E P | C T | | | | | | P R | | U N | | | 5 E P | | | |

LI 0193 - P-8A Poseidon Navy

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|---|----------------------|---------------------------------|
| | | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0193 / P-8A Poseidon | 1 / P-8A MULTI-MISSION MARITIME |
| | | AIRCRAFT (MMA) |

| | | Produc | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | | | | |
|----------|--|--------------|-------------------|--------------|-----------------------|--------------------|-------------|----------------------|-----------------------|--------------------|---------|----------------------|--|--|--|
| MFR | | | | | | Init | Initial Re- | | | | | Reorder | | | |
| Ref # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfa PLT | Total After Oct 1 | | | |
| | The Boeing Company ⁽²⁾ - Seattle, WA | 6 | 18 | | | 7 | 34 | 41 | 9 | 7 | 23 | 30 | | | |

[&]quot;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 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:

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

LI 0193 - P-8A Poseidon Navy



Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0193 / P-8A Poseidon

Aircraft

Program Elements for Code B Items: 0605500N

Other Related Program Elements:

Line Item MDAP/MAIS Code: 334

Item MDAP/MAIS Code(s):

| | 1.00 | | (). | | | | | | | | | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Gross/Weapon System Cost (\$ in Millions) | 979.441 | 313.160 | 48.457 | 269.568 | - | 269.568 | 261.953 | 154.285 | - | - | - | 2,026.864 |
| Net Procurement (P1) (\$ in Millions) | 979.441 | 313.160 | 48.457 | 269.568 | - | 269.568 | 261.953 | 154.285 | - | - | - | 2,026.864 |
| Total Obligation Authority (\$ in Millions) | 979.441 | 313.160 | 48.457 | 269.568 | - | 269.568 | 261.953 | 154.285 | - | - | - | 2,026.864 |

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.

Note: P-8A will combine FY-14 AP (\$152M) with FY-15 AP (\$29M) funds for long lead-time components, material and associated effort in support of the FY-16 Lot 7 production buy and the remaining FY-15 AP (\$19M) supports APY-10 MYP EOQ for FY16-FY19. FY-14 AP funds are available for FY-16 aircraft due to the decrease in the FY-15 aircraft quantity at PB-15. This provided a total of \$187M for AP vice the normally required \$300M. The program plans to execute this strategy by accelerating award of the Lot 7 contract from June 2016 to February 2016. This accelerated award date will reduce Lot 7 AP requirements to the \$187M available. Accelerated contract award is possible in FY16 only because Lot 7 will be a priced option on the Lot 6 base contract.

 LI 0193 - P-8A Poseidon
 UNCLASSIFIED

 Navy
 Page 1 of 4
 P-1 Line #17

 Volume 1 - 143

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Volume 1 - 144

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0193 / P-8A Poseidon

Aircraft

Program Elements for Code B Items: 0605500N

Other Related Program Elements:

Line Item MDAP/MAIS Code: 334

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / P-8A MULTI-MISSION MARITIME AIRCRAFT (MMA) | P-10 | | - / 979.441 | - / 313.160 | - / 48.457 | - / 269.568 | -/ - | - / 269.568 |
| Total Gross/Weapon System Cost | | | - / 979.441 | - / 313.160 | - / 48.457 | - / 269.568 | -1 - | - / 269.568 |

*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 add due to rounding.

Justification:

BASIS FOR FY 2016 BUDGET REQUEST:

Advanced procurement (AP) funding is required in FY 2016 for long lead requirements associated with the procurement of 12 aircraft in FY 2017.

FY16 Regular Aircraft Procurement funds to execute long lead requirements associated with the procurement of 16 aircraft in FY 2016.

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. FY16-FY18 procures EOQ items 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 Martime Patrol and Reconaissance (MPRA) force transition from P-3C to P-8A.

Procurement Quantity should reflect: To Complete: 0 Total: 109

UNCLASSIFIED

LI 0193 - P-8A Poseidon Navy Page 2 of 4 P-1 Line #17

| | | | 0.110 27 100 11 12 2 | | | | | | |
|---|--------------------------------------|-------------|---|-------------------------|--------------------------|-------------------|--|--|--|
| Exhibit P-10, Advance Procurement Re | quirements Analys | is (page 1 | - Budget Funding Justi | fication): PB 2016 Navy | Date: February 20 | 15 | | | |
| Appropriation / Budget Activity / Budget 1506N / 01 / 1 | et Sub Activity: | 1 | ne Item Number / Title: P-8A Poseidon P-5 Number / Title: 1 / P-8A MULTI-MISSION MARCRAFT (MMA) | | | | | | |
| | st System (2016) Compl nuary 2013 | etion Date: | | vstems: | | | | | |
| P-8A MULTI-MISSION MARITIME AIRCRAFT (M | Production I | | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) | | | |
| Quantity | | | 37 | 16 | 9 | 16 | | | |
| Cost Element | When F | | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) | | | |
| CFE | , | , | | | | | | | |
| CFE - Airframe T.L. ⁽¹⁾ | | 0 | 979.441 | - | - | - | | | |
| For FY 15 CFE - Airframe TL | | 0 | - | 153.984 | - | - | | | |
| For FY 16 CFE - Airframe TL | | 0 | - | 152.044 | 24.929 | - | | | |
| For FY 17 CFE - Airframe TL | | 0 | - | - | - | 245.021 | | | |
| GFE - Mission/Weapons Systems T.L. ⁽²⁾ | | 0 | - | 7.132 | 3.632 | 6.482 | | | |
| Total: CFE | | | 979.441 | 313.160 | 28.561 | 251.503 | | | |
| EOQ | | | | | | | | | |
| For FY 2016 EOQ/Long Lead | | 0 | - | - | 6.688 | - | | | |
| For FY 2017 EOQ/Long Lead | | 0 | - | - | 5.203 | 6.993 | | | |
| For FY 2018 EOQ/Long Lead | | 0 | - | - | 5.203 | 6.993 | | | |
| For FY 2019 EOQ/Long Lead | | 0 | - | - | 2.802 | 4.079 | | | |
| Total: EOQ | | | - | - | 19.896 | 18.065 | | | |
| Total Advance Procurement/Obligation Authority | | | 979.441 | 313.160 | 48.457 | 269.568 | | | |

Page 3 of 4

Exhibit P-10, Advance Procurement Requirements Analysis (page 2 - Budget Funding Justification): PB 2016 Navy

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)

| | | | | FY 2 | 016 | | | | | | |
|--|---------------|------------------------------------|-----------|---------------------------|------------------------|--------|---------------------------------|--|--|--|--|
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) | | | | |
| CFE | | | | | | | | | | | |
| CFE - Airframe T.L. ⁽¹⁾ | - | | | | | | - | | | | |
| For FY 15 CFE - Airframe TL | - | | | | | | - | | | | |
| For FY 16 CFE - Airframe TL | - | | | | | | - | | | | |
| For FY 17 CFE - Airframe TL | - | | | | | | 245.021 | | | | |
| GFE - Mission/Weapons Systems T.L. (2) | - | | | | | | 6.482 | | | | |
| Total: CFE | | | | | | | 251.503 | | | | |
| EOQ | | | | | | | | | | | |
| For FY 2016 EOQ/Long Lead | - | | | | | | - | | | | |
| For FY 2017 EOQ/Long Lead | - | | | | | | 6.993 | | | | |
| For FY 2018 EOQ/Long Lead | - | | | | | | 6.993 | | | | |
| For FY 2019 EOQ/Long Lead | - | | | | | | 4.079 | | | | |
| Total: EOQ | | | | | | | 18.065 | | | | |
| Total Advance Procurement/Obligation Authority | | | | | | | 269.568 | | | | |

Description:

Advance Procurement will be used to procure long lead items.

Footnotes:

 LI 0193 - P-8A Poseidon
 UNCLASSIFIED

 Navy
 Page 4 of 4
 P-1 Line #17

 Volume 1 - 146

⁽¹⁾ 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. Advanced procurement (AP) funding is required in FY 2016 for long lead requirements associated with the procurement of 12 aircraft in FY 2017. FY16 Regular Aircraft Procurement funds to execute long lead requirements associated with the procurement of 16 aircraft in FY 2016. The Advance Procurement (AP) funding will be used to procure long lead CFE items such as basic commercial aircraft long lead requirements (35 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.

⁽²⁾ AP funding will be used to procure long lead mission/weapons systems GFE components 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. FY16-FY18 procures EOQ items 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 Martime Patrol and Reconaissance (MPRA) force transition from P-3C to P-8A.

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

To

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0195 / E-2D AHE

FY 2016

Aircraft

Program Elements for Code B Items:

FY 2016

Other Related Program Elements:

Line Item MDAP/MAIS Code: 000

ID Code (A=Service Ready, B=Not Service Ready) : A

Item MDAP/MAIS Code(s):

Prior

| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
|---|---------------|------------------|--------------------|-----------------|-----------------|-----------------|---------------|---------------|-------------|-------------|-------------|-------------|
| Procurement Quantity (Units in Each) | 64 | 5 | 5 | 5 | - | 5 | 6 | 5 | 4 | 4 | 16 | 114 |
| Gross/Weapon System Cost (\$ in Millions) | 7,793.170 | 1,068.588 | 1,044.691 | 1,032.831 | - | 1,032.831 | 1,172.594 | 1,022.381 | 958.485 | 996.591 | 4,266.819 | 19,356.150 |
| Less PY Advance Procurement (\$ in Millions) | 1,241.109 | 123.016 | 125.500 | 175.177 | - | 175.177 | 238.086 | 271.003 | 105.708 | 131.562 | 473.712 | 2,884.873 |
| Net Procurement (P1) (\$ in Millions) | 6,552.061 | 945.572 | 919.191 | 857.654 | - | 857.654 | 934.508 | 751.378 | 852.777 | 865.029 | 3,793.107 | 16,471.277 |
| Plus CY Advance Procurement (\$ in Millions) | 1,364.125 | 263.623 | 225.765 | 195.336 | - | 195.336 | 125.042 | 105.708 | 131.562 | 134.193 | 339.519 | 2,884.873 |
| Total Obligation Authority (\$ in Millions) | 7,916.186 | 1,209.195 | 1,144.956 | 1,052.990 | - | 1,052.990 | 1,059.550 | 857.086 | 984.339 | 999.222 | 4,132.626 | 19,356.150 |
| (The following | Resource Sumi | mary rows are fo | r informational pu | rposes only. Th | e corresponding | budget requests | are documente | d elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | 7.449 | 7.582 | 7.786 | - | 7.786 | 7.583 | 14.224 | 13.154 | 16.658 | Continuing | Continuing |
| Flyaway Unit Cost (\$ in Thousands) | 107,434.484 | 174,374.200 | 173,596.200 | 166,523.200 | - | 166,523.200 | 161,588.833 | 169,026.800 | 200,209.000 | 206,074.000 | 224,797.063 | 144,603.746 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 121,768.281 | 213,717.600 | 208,938.200 | 206,566.200 | - | 206,566.200 | 195,432.333 | 204,476.200 | 239,621.250 | 249,147.750 | 266,676.188 | 169,790.789 |

FY 2016

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.

Proper Values for Cost To Complete (CTC)

Procurement Quantity: 16

Gross/Weapon System Cost: 4,257.820 Less PY Advance Procurement: -473.712 Net Procurement (P1): 3,784.109 Plus CY Advance Procurement: 339.519 Total Obligation Authority: 4,123.627

LI 0195 - E-2D AHE

Navy

Page 1 of 11

P-1 Line #18

Volume 1 - 147

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0195 / E-2D AHE

Aircraft

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 000

Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / E-2D | P-5, P-5a, P-21 | | 64 / 7,793.170 | 5 / 1,068.588 | 5 / 1,044.691 | 5 / 1,032.831 | - / - | 5 / 1,032.831 |
| Total Gross/Weapon System Cost | | | 64 / 7,793.170 | 5 / 1,068.588 | 5 / 1,044.691 | 5 / 1,032.831 | - 1 - | 5 / 1,032.831 |

*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 add due to rounding.

Justification:

FY 2016 funding is requested to procure five E-2D AHE Full Rate Production Lot 4 aircraft and associated support.

This budget request includes funding to support a FY 2014 through FY 2018 multiyear procurement contract.

UNCLASSIFIED
Page 2 of 11

P-1 Line #18

Date: February 2015 Exhibit P-5, Cost Analysis: PB 2016 Navy Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Number / Title: Item Number / Title [DODIC]: 1506N / 01 / 1 0195 / E-2D AHE 1 / E-2D

| ID Code (A=Service Ready, B=Not Service Ready) : | | MI | DAP/MAIS Code: | | | |
|--|-------------------------------------|----------------------------|--------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 64 | . 5 | 5 | 5 | - | Ę |
| Gross/Weapon System Cost (\$ in Millions) | 7,793.170 | 1,068.588 | 1,044.691 | 1,032.831 | - | 1,032.831 |
| Less PY Advance Procurement (\$ in Millions) | 1,241.109 | 123.016 | 125.500 | 175.177 | - | 175.177 |
| Net Procurement (P1) (\$ in Millions) | 6,552.061 | 945.572 | 919.191 | 857.654 | - | 857.654 |
| Plus CY Advance Procurement (\$ in Millions) | 1,364.125 | 263.623 | 225.765 | 195.336 | - | 195.336 |
| Total Obligation Authority (\$ in Millions) | 7,916.186 | 1,209.195 | 1,144.956 | 1,052.990 | - | 1,052.990 |
| (The following Resource Summary rows are for | informational purposes only. The co | rresponding budget request | s are documented elsewhe | re.) | | |
| Initial Spares (\$ in Millions) | - | 7.449 | 7.582 | 7.786 | - | 7.786 |
| | | | | | | |

Gross/Weapon System Unit Cost (\$ in Thousands) 121,768.281 213,717.600 208,938.200 206,566.200 206,566.200

| Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due |
|--|
|--|

| | P | rior Years | 3 | | FY 2014 | | | FY 2015 | | FY | ' 2016 Bas | se e | F۱ | / 2016 OC | :0 | FY | ' 2016 Tot | tal |
|--|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | , | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 61,259.766 | 64 | 3,920.625 | 85,876.253 | 5 | 429.381 | 89,471.990 | 5 | 447.360 | 87,367.093 | 5 | 436.835 | - | - | - | 87,367.093 | 5 | 436.8 |
| 1.1.2) CFE Electronics ^(†) | 31,626.141 | 64 | 2,024.073 | 60,355.800 | 5 | 301.779 | 58,863.511 | 5 | 294.318 | 59,195.398 | 5 | 295.977 | - | - | - | 59,195.398 | 5 | 295.9 |
| 1.1.3) GFE Electronics | 4,474.984 | 64 | 286.399 | 4,974.522 | 5 | 24.873 | 5,059.075 | 5 | 25.295 | 5,152.120 | 5 | 25.761 | - | - | - | 5,152.120 | 5 | 25.7 |
| 1.1.4) Engine/Engine Accessories | - | - | 251.428 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1.1.5) Other GFE | 892.125 | 64 | 57.096 | 1,330.881 | 5 | 6.654 | 1,353.502 | 5 | 6.768 | 1,378.395 | 5 | 6.892 | - | - | - | 1,378.395 | 5 | 6.8 |
| 1.1.6) Recurring Flyaway ECO | 1,026.891 | 64 | 65.721 | 12,631.106 | 5 | 63.156 | 8,662.209 | 5 | 43.311 | 3,060.310 | 5 | 15.302 | - | - | - | 3,060.310 | 5 | 15.3 |
| Subtotal: Recurring Cost | - | - | 6,605.342 | - | - | 825.843 | - | - | 817.052 | - | - | 780.767 | - | - | - | - | - | 780.7 |
| Non Recurring Cost | , | | | | | | , | | | | | | | | | | | |
| 1.2.1) Non-Recurring Cost | - | - | 270.465 | - | - | 46.028 | - | - | 50.929 | - | - | 51.849 | - | - | - | - | - | 51.8 |
| Subtotal: Non Recurring Cost | - | - | 270.465 | - | - | 46.028 | - | - | 50.929 | - | - | 51.849 | - | - | - | - | - | 51.8 |
| Subtotal: Flyaway Cost | - | - | 6,875.807 | - | - | 871.871 | - | - | 867.981 | - | - | 832.616 | - | - | - | - | - | 832.6 |
| Support Cost | | | | | | | | | | | | | | | | | | |
| 2.1) Airframe PGSE | - | - | 38.276 | - | - | 10.932 | - | - | 1.537 | - | - | 1.565 | - | - | - | - | - | 1.5 |
| 2.2) Engine PGSE | - | - | 11.297 | - | - | 4.643 | - | - | 4.720 | - | - | 4.553 | - | - | - | - | - | 4.5 |
| 2.3) Avionics PGSE (1) | - | _ | 137.779 | _ | _ | 70.893 | - | _ | 83.518 | _ | _ | 91.650 | _ | _ | _ | _ | _ | 91.6 |

UNCLASSIFIED

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|-----------------|------------------------------|
| The state of the s | | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0195 / E-2D AHE | 1 / E-2D |

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

| | P | rior Years | 5 | | FY 2014 | | | FY 2015 | | F۱ | / 2016 Ba | se | F | Y 2016 OC | 0 | FY | Y 2016 Tot | tal |
|--|-------------|---------------|-------------------------|-------------|----------------------|-------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-----------|---------------|-------------------------|-------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.4) Peculiar Training Equipment ⁽²⁾ | - | - | 189.613 | - | - | 39.125 | - | - | 9.906 | - | - | 31.999 | - | - | - | - | - | 31.999 |
| 2.5) Pub/Tech Eq | - | - | 55.669 | - | - | 11.256 | - | - | 15.134 | - | - | 8.421 | - | - | - | - | - | 8.42 |
| 2.6) Production Engineering Support | - | - | 366.319 | - | - | 33.140 | - | - | 25.668 | - | - | 25.133 | - | - | - | - | - | 25.133 |
| 2.7) Other ILS | - | - | 118.410 | - | - | 26.728 | - | - | 36.227 | - | - | 36.894 | - | - | - | - | - | 36.89 |
| Subtotal: Support Cost | - | - | 917.363 | - | - | 196.717 | - | - | 176.710 | - | - | 200.215 | - | - | - | - | - | 200.21 |
| Gross/Weapon System Cost | 121,768.281 | 64 | 7,793.170 | 213,717.600 | 5 | 1,068.588 | 208,938.200 | 5 | 1,044.691 | 206,566.200 | 5 | 1,032.831 | - | - | - | 206,566.200 | 5 | 1,032.83 |

^(†) indicates the presence of a P-5a

Footnotes:

Navy

UNCLASSIFIED LI 0195 - E-2D AHE Volume 1 - 150 Page 4 of 11 P-1 Line #18

⁽¹⁾ Cost code 2.3 Avionics PGSE increases from FY15 to FY16 due to Depot Test Program Set (TPS) requirements.

⁽²⁾ Cost Code 2.4 Peculiar Training Equipment increases from FY15 to FY16 due to incorporation of additional functionality and maintain concurrency with Trainer Software Support Activity (TSSA) and the E-2D Hawkeye Integrated Training System (HITS) Naval Integrated Fire Control-Counter Air (NIFC-CA).

Exhibit P-5a, Procurement History and Planning: PB 2016 Navy Date: February 2015 Item Number / Title [DODIC]: Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Number / Title: 1506N / 01 / 1 0195 / E-2D AHE 1 / E-2D

| Cost Elements | 0 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Date Revision Available | RFP Issue Date |
|---------------------------------------|-----|------|--|--------------------------------------|-----------------|---------------|------------------------------|---------------|------------|------------------------|-------------------------------|----------------------|
| 1.1.1) Airframe/CFE ^(†) | | 2011 | Northrop Grumman Systems / New York | SS/FFP | NAVAIR | Jul 2011 | Dec 2013 | 4 | 96,133.750 | | | Jul 2010 |
| 1.1.1) Airframe/CFE ^(†) | 1 | 2011 | Northrop Grumman Systems / New York | SS / FFP | NAVAIR | Jul 2011 | Sep 2014 | 1 | 96,133.000 | Y | | Jul 2010 |
| 1.1.1) Airframe/CFE ^(†) | | 2012 | Northrop Grumman Systems / New York | SS/FFP | NAVAIR | Feb 2012 | Dec 2014 | 5 | 96,098.000 | Y | | Jul 2010 |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | Northrop Grumman Systems / New York | SS / FPIF | NAVAIR | May 2013 | Oct 2015 | 5 | 90,384.200 | Y | | Nov 2011 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | Northrop Grumman Systems / New York | SS / FPIF | NAVAIR | Jun 2014 | Sep 2016 | 5 | 85,876.253 | Y | | Nov 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | Northrop Grumman Systems / New York | SS / FPIF | NAVAIR | Mar 2015 | Sep 2017 | 5 | 89,471.990 | Y | | Nov 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | Northrop Grumman Systems / New York | SS / FPIF | NAVAIR | Mar 2016 | Sep 2018 | 5 | 87,367.093 | Y | | Nov 2012 |
| 1.1.2) CFE Electronics ^(†) | | 2011 | Northrop Grumman Systems / New York | SS/FFP | NAVAIR | Jul 2011 | Dec 2013 | 4 | 60,166.250 | Y | | Jul 2010 |
| 1.1.2) CFE Electronics ^(†) | 1 | 2011 | Northrop Grumman Systems / New York | SS/FFP | NAVAIR | Jul 2011 | Sep 2014 | 1 | 60,166.000 | Y | | Jul 2010 |
| 1.1.2) CFE Electronics ^(†) | | 2012 | Northrop Grumman Systems / New York | SS/FFP | NAVAIR | Feb 2012 | Dec 2014 | 5 | 60,202.000 | Y | | Jul 2010 |
| 1.1.2) CFE Electronics ^(†) | | 2013 | Northrop Grumman Systems / New York | SS / FPIF | NAVAIR | May 2013 | Oct 2015 | 5 | 64,615.800 | Y | | Nov 2011 |
| 1.1.2) CFE Electronics ^(†) | | 2014 | Northrop Grumman Systems / New York | SS / FPIF | NAVAIR | Jun 2014 | Sep 2016 | 5 | 60,355.800 | Y | | Nov 2012 |
| 1.1.2) CFE Electronics ^(†) | | 2015 | Northrop Grumman Systems / New York | SS / FPIF | NAVAIR | Mar 2015 | Sep 2017 | 5 | 58,863.511 | Y | | Nov 2012 |
| 1.1.2) CFE Electronics ^(†) | | 2016 | Northrop Grumman Systems / New York | SS / FPIF | NAVAIR | Mar 2016 | Sep 2018 | 5 | 59,195.398 | Y | | Nov 2012 |

^(†) indicates the presence of a P-21

UNCLASSIFIED LI 0195 - E-2D AHE Page 5 of 11 Navy

| :xn | ibit P | P-21, Pro | oducti | on Sc | hedu | le: PE | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | | | | |
|-------------------|----------|-----------------------------|---------------------|---------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------------|-------------|-------------|-------------|-------------|-------------|---------|
| | | iation / 1 01 / 1 | Budge | et Acti | vity / | Budç | get Sı | ub Ac | tivity | : | | Line 95 / E- | | | ber / | Title: | | | | | | | Item 1 / E | Num -2D | nber / | Title | [DOI | OIC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal Y | ear 2011 | | | | | | | | | | | Fiscal Y | ear 2012 | | | | | | |
| М | | | | ACCEPT PRIOR | | | | | | | | | C | Calendar | Year 201 | 1 | | | | | | | | Caler | dar Year | 2012 | | | | |
| D F C R D # | FY | SERVICE | PROC QTY | TO 1 OCT 2010 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |
| 1.1.1) | Airframe | /CFE | | | • | | | | | | | | | | | | | | | | | | | | | | | | | |
| rior \ | 'ears De | eliveries: 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2011 | NAVY | 4 | - | 4 | | | | | | | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2011 | NAVY | 1 | - | 1 | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2012 | NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | |
| 1 | 2013 | NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2014 | NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2015 | NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2016 | NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.1.2) | CFE Ele | ectronics | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | eliveries: 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2011 | | 4 | - | 4 | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| / 2 | 2011 | | 1 | - | 1 | | | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2 | 2012 | | 5 | - | 5 | | | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | |
| _ | 2013 | | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| _ | 2014 | | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| | 2015 | | 5 | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | \perp |
| 2 | 2016 | NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | ┺ |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | P R | M A Y | N U | U J | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N J | J L | A U G | S E P | |

LI 0195 - E-2D AHE Navy

UNCLASSIFIED Page 6 of 11

| Ext | ibi | it P-21, Pr | oduct | ion Sc | hedu | le: PE | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | e: Feb | oruary | 2015 | 5 | | | |
|-------|------|---------------------------------|---------------------|---------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|--------|
| | | priation / I / 01 / 1 | Budg | et Acti | vity / | Budg | get S | ub Ad | tivity | : | | | ltem -2D A | - | ber / | Title: | | | | | | | | Nun E-2D | nber / | Title | [DOI | DIC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal Y | ear 201 | 3 | | | | | | | | | | Fiscal Y | ear 2014 | | | | | | |
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| 1 | 20 | 012 NAVY | 5 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
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| 1 | 20 | 014 NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | Α - | - | - | - | |
| 1 | 20 | 015 NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | \top |
| 1 | 20 | 016 NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | Т |
| 1.1.2 |) CF | E Electronics | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior | Year | rs Deliveries: 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 20 | 011 NAVY | 4 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | 1 | - | 1 | | | |
| / 2 | 20 | 011 NAVY | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| 2 | 20 | 012 NAVY | 5 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
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LI 0195 - E-2D AHE Navy UNCLASSIFIED
Page 7 of 11

P-1 Line #18

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| 1.1.2) CFE | Electronics | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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LI 0195 - E-2D AHE Navy UNCLASSIFIED
Page 8 of 11

P-1 Line #18

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LI 0195 - E-2D AHE Navy UNCLASSIFIED
Page 9 of 11

P-1 Line #18

Volume 1 - 155

| Continue | Exhibit P-21, Pro | ducti | on Sc | hedul | le: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | e: Fel | oruary | 2015 | 5 | | | |
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LI 0195 - E-2D AHE Navy UNCLASSIFIED
Page 10 of 11

P-1 Line #18

Volume 1 - 156

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 01 / 1 | 0195 / E-2D AHE | 1 / E-2D |

| | | Produc | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|----------|-------------------------------------|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-----------------------|--------------------|---------|----------------------|
| MFR | | | | | | Init | ial | | | Reo | rder | |
| Ref # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 |
| 1 | Northrop Grumman Systems - New York | 4 | 6 | 8 | - | - | - | - | 7 | 6 | 42 | 48 |
| 2 | Northrop Grumman Systems - New York | 4 | 6 | 8 | - | - | - | - | 7 | 5 | 42 | 47 |

[&]quot;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).

LI 0195 - E-2D AHE

Navy

Page 11 of 11

P-1 Line #18

Volume 1 - 157



Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0195 / E-2D AHE

Aircraft

Other Related Program Elements:

Program Elements for Code B Items:

Item MDAP/MAIS Code(s):

| Line item MDAF/MAIS Code: 000 | Itelli MD | AF/INIAIS COU | c(3). | | | | | | | | | |
|---|-----------|---------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Gross/Weapon System Cost (\$ in Millions) | 1,364.125 | 263.623 | 225.765 | 195.336 | - | 195.336 | 125.042 | 105.708 | 131.562 | 134.193 | 339.519 | 2,884.873 |
| Net Procurement (P1) (\$ in Millions) | 1,364.125 | 263.623 | 225.765 | 195.336 | - | 195.336 | 125.042 | 105.708 | 131.562 | 134.193 | 339.519 | 2,884.873 |
| Total Obligation Authority (\$ in Millions) | 1,364.125 | 263.623 | 225.765 | 195.336 | - | 195.336 | 125.042 | 105.708 | 131.562 | 134.193 | 339.519 | 2,884.873 |

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.

LI 0195 - E-2D AHE

Navy

Page 1 of 4

P-1 Line #19

Volume 1 - 159

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

Aircraft

1506N: Aircraft Procurement, Navy / BA 01: Combat Aircraft / BSA 1: Combat

0195 / E-2D AHE

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 000 Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / E-2D | P-10 | | - / 1,364.125 | - / 263.623 | - / 225.765 | - / 195.336 | -/ - | - / 195.336 |
| Total Gross/Weapon System Cost | | | - / 1,364.125 | - / 263.623 | - / 225.765 | - / 195.336 | -1 - | - / 195.336 |

^{*}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 add due to rounding.

Justification:

FY 2016 Advance Procurement funding is requested for the long-lead requirements associated with the procurement of six E-2D aircraft in FY2017. 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. This budget request also includes EOQ funding in FY2015 to support a FY 2015 through FY 2018 multiyear procurement contract.

LI 0195 - E-2D AHE

Navy

Page 2 of 4

P-1 Line #19

Volume 1 - 160

| | | | UNCLASSIFIED | | | |
|--|---------------------------------------|--------------------------------|-----------------------------|-----------------------------------|---------------------------------|-------------------|
| Exhibit P-10, Advance Procurem | ent Requirements Analys | is (<i>page 1 - E</i> | Budget Funding Justific | ation): PB 2016 Navy | Date: February 201 | 5 |
| Appropriation / Budget Activity / 1506N / 01 / 1 | Budget Sub Activity: | P-1 Line It 0195 / E-20 | em Number / Title: O AHE | | P-5 Number / Title: 1 / E-2D | |
| First System (2016) Award Date: February 2012 | First System (2016) Comp July 2015 | etion Date: | | Interval Between Syst 0 Months | ems: | |
| E-2D | Production (Month | | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) |
| Quantity | | | 64 | 5 | 5 | 5 |
| Cost Element | When I | | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) |
| CFE | <u> </u> | · | <u> </u> | <u> </u> | | |
| CFE - Airframe T.L. | | 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 | - | 51.007 | 124.170 | - |
| For FY 2017 EOQ/Long Lead | | 0 | - | 44.108 | 50.797 | 143.181 |
| For FY 2018 EOQ/Long Lead | | 0 | - | 43.008 | 50.798 | 52.155 |
| Total: CFE | | | 1,300.093 | 263.623 | 225.765 | 195.336 |
| GFE | | | | | | |
| Other GFE | | 0 | 32.177 | - | - | - |
| JTIDS | | 0 | 16.955 | - | - | - |
| Engines | | 0 | 14.900 | - | - | - |
| Total: GFE | | | 64.032 | - | - | - |
| Total Advance Procurement/Obligation | Authority | | 1,364.125 | 263.623 | 225.765 | 195.336 |

LI 0195 - E-2D AHE Navy

| Exhibit P-10, Advance Procurement Requirements Analysis | (page 2 - Budget Funding Justification): PB 2016 Navy | Date: February 2015 |
|---|---|---------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | P-5 Number / Title: |
| 1506N / 01 / 1 | 0195 / E-2D AHE | 1 / E-2D |

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|--|---------------|------------------------------------|-----------|---------------------------|--------------------|--------|---------------------------------|
| | | | | FY 2 | 016 | | |
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | |
| CFE - Airframe T.L. | 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 | | | | | | 143.18 |
| For FY 2018 EOQ/Long Lead | 1 | | | | | | 52.15 |
| Total: CFE | | | | | | | 195.336 |
| GFE | | | | | | | |
| Other GFE | 1 | | | | | | - |
| JTIDS | 1 | | | | | | - |
| Engines | 1 | | | | | | - |
| Total: GFE | | | | | | | - |
| Total Advance Procurement/Obligation Authority | | | | | | | 195.336 |

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.

LI 0195 - E-2D AHE
Navy

UNCLASSIFIED
Page 4 of 4
P-1 Line #19

Volume 1 - 162

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 03: Trainer Aircraft / BSA 1: Trainer Aircraft | 0339 / JT Primary Acft Trnr Sys (JPATS)

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

Line Item MDAP/MAIS Code: 560 Item MDAP/MAIS Code(s):

| Line item WDAF/WAI3 Code. 300 | Itelli MD | AF/IVIAIS COU | e(s). | | | | | | | | | |
|--|----------------|------------------|-------------------|-------------------|------------------|------------------|-----------------|----------------|----------|----------|----------------|-----------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | To Complete | Total |
| resource duminary | 10015 | 1 1 2017 | 1 1 2010 | Dusc | 000 | Iotai | 1 1 2017 | 1 1 2010 | 1 1 2010 | 1 1 2020 | Complete | TOTAL |
| Procurement Quantity (Units in Each) | 266 | 29 | - | - | - | - | - | - | - | - | - | 295 |
| Gross/Weapon System Cost (\$ in Millions) | 1,717.086 | 249.080 | - | 8.914 | - | 8.914 | 5.913 | - | - | - | - | 1,980.993 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 1,717.086 | 249.080 | - | 8.914 | - | 8.914 | 5.913 | - | - | - | - | 1,980.993 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 1,717.086 | 249.080 | - | 8.914 | - | 8.914 | 5.913 | - | - | - | - | 1,980.993 |
| (The following | Resource Sumi | mary rows are fo | r informational p | ourposes only. Th | ne corresponding | g budget request | s are documente | ed elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | 3.018 | - | - | - | - | - | - | - | - | - [| 3.018 |
| Flyaway Unit Cost (\$ in Thousands) | 5,400.981 | 6,528.034 | - | - | - | - | - | - | - | - | - | 5,562.037 |

Description:

Gross/Weapon System Unit Cost (\$ in Thousands)

Joint Primary Aircraft Training System (JPATS) is a joint USAF/USN Acquisition Category 1C program. 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.

LI 0339 - JT Primary Acft Trnr Sys (JPATS)
Navy

6.455.211

8.588.966

6.715.231

P-1 Line #20

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy **Date:** February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 03: Trainer Aircraft / BSA 1: Trainer Aircraft | 0339 / JT Primary Acft Trnr Sys (JPATS)

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 560 Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| 1 / Total Flyaway | P-5, P-5a, P-21 | | 266 / 1,717.086 | 29 / 249.080 | - / - | - / 8.914 | - / - | - / 8.914 |
| Total Gross/Weapon System Cost | | | 266 / 1,717.086 | 29 / 249.080 | - 1 - | - / 8.914 | - 1 - | - / 8.914 |

^{*}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 add due to rounding.

Justification:

JPATS is a joint USN/USAF Acquisition Program designed to replace the aging primary aircraft (T-34/T-37) fleet. 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.

LI 0339 - JT Primary Acft Trnr Sys (JPATS) Navy

Exhibit P-5, Cost Analysis: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 03 / 1

P-1 Line Item Number / Title:

0339 / JT Primary Acft Trnr Sys (JPATS)

1 / Total Flyaway

| ID Code (A=Service Ready, B=Not Service Ready): | | N | IDAP/MAIS Code: | | | |
|--|-------------------------------|------------------------|----------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 266 | 2 | - | - | - | - |
| Gross/Weapon System Cost (\$ in Millions) | 1,717.086 | 249.08 | - | 8.914 | - | 8.914 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 1,717.086 | 249.08 | - | 8.914 | - | 8.914 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 1,717.086 | 249.08 | - | 8.914 | - | 8.914 |
| (The following Resource Summary rows are for informati | ional purposes only. The corr | esponding budget reque | sts are documented elsewhe | re.) | | 1 |
| Initial Spares (\$ in Millions) | - | 3.01 | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 6,455.211 | 8,588.96 | - | - | - | - |

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

| | Pi | rior Years | ; | | FY 2014 | | | FY 2015 | | FY | ' 2016 Ba | se | FY | ' 2016 OC | 0 | FY | 2016 Tot | :al |
|--|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 4,970.372 | 266 | 1,322.119 | 5,812.172 | 29 | 168.553 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.1.2) Rec Flyaway ECO | - | - | 58.623 | - | - | 3.275 | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Recurring Cost | - | - | 1,380.742 | - | - | 171.828 | - | - | - | - | - | - | - | - | - | - | - | - |
| Non Recurring Cost | | | | • | | | | | | | | | | | | | | |
| 1.2.1) Non-recurring cost ⁽¹⁾ | - | - | 55.919 | - | - | 17.485 | - | - | - | - | - | 8.914 | - | - | - | - | - | 8.9 |
| Subtotal: Non Recurring Cost | - | - | 55.919 | - | - | 17.485 | - | - | - | - | - | 8.914 | - | - | = | - | - | 8.9 |
| Subtotal: Flyaway Cost | - | - | 1,436.661 | - | - | 189.313 | - | - | - | - | - | 8.914 | - | - | - | - | - | 8.9 |
| Support Cost | | | | • | • | | | | | | | | | | | | | |
| 2.1) Other ILS | - | - | 39.079 | - | - | 10.804 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.2) Production Engineering Support (2) | - | - | 74.590 | - | - | 43.711 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.3) Pub/Tech Equipment | - | - | 14.722 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.4) Peculiar Training Equipment | - | - | 135.074 | - | - | - | - | - | - | - | _ | - | - | - | - | - | - | _ |
| 2.5) Airframe PGSE | - | - | 16.960 | - | - | 5.252 | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Support Cost | - | - | 280.425 | - | - | 59.767 | - | - | - | - | - | - | - | - | - | - | - | - |
| Gross/Weapon System Cost | 6,455.211 | 266 | 1,717.086 | 8,588.966 | 29 | 249.080 | - | - | = | _ | _ | 8.914 | _ | - | = | _ | - | 8.9 |

| | OHOE/ (OOII IED | |
|--|--|--|
| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 03 / 1 | P-1 Line Item Number / Title: 0339 / JT Primary Acft Trnr Sys (JPATS) | Item Number / Title [DODIC]: 1 / Total Flyaway |
| D Code (A=Service Ready, B=Not Service Ready) : | MDAP/MAIS Code: | |
| (†) indicates the presence of a P-5a | | |
| Footnotes: (1) Fiscal Years 2016 and 2017 provides funding for costs associated with required contractor support. (2) The addition to FY14 provides funding for Systems Engineering. | the production line shut down of the JPATS T-6 Texan II program; this | includes but is not limited to tooling, data rights, and other |
| | | |
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LI 0339 - JT Primary Acft Trnr Sys (JPATS) Navy

P-1 Line #20

| Exhibit P-5a, Procurement History and Planning: PB 2016 N | lavy | Date: February 2015 |
|---|---|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 03 / 1 | 0339 / JT Primary Acft Trnr Sys (JPATS) | 1 / Total Flyaway |

| | | | | | / | | | | , , | | | |
|------------------------------------|-----|------|--|--------------------------------------|-----------------|---------------|------------------------------|---------------|-----------|---|-------------------------------|----------------------|
| Cost Elements | 0 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | - | Date Revision Available | RFP Issue Date |
| 1.1.1) Airframe/CFE ^(†) | | 2012 | BEECHCRAFT DEFENSE COMPANY, LLC / HBC | SS / FPEPA | WPAFB | Jan 2012 | Dec 2012 | 36 | 5,292.250 | Y | | Jun 2008 |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | BEECHCRAFT DEFENSE COMPANY, LLC / HBC | SS / FPEPA | WPAFB | May 2013 | Dec 2013 | 33 | 5,840.212 | Y | | Jun 2011 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | BEECHCRAFT DEFENSE COMPANY, LLC / HBC | SS / FPEPA | WPAFB | May 2014 | Jul 2015 | 29 | 5,812.172 | Υ | | Jun 2011 |

^(†) indicates the presence of a P-21

Footnotes

⁽³⁾ Lots 19 and 20 were separated to prevent production break in Lot 19. Lot 19 undefinitized contract action (UCA) was awarded May 2013 with definitization in November 2013. Lot 20 negotiations resumed in July 2013 and awarded May 2014.

⁽⁴⁾ Contractor made a decision to slow production of Lot 18 which is within contract terms; this causes a rippling effect on deliveries for succeeding Lots 19 and 20. During the gap between Lots 19 and 20, the contractor will be delivering aircraft to non-DOD customers.

| Ext | nib | it P | -21, Pro | oducti | on Sc | hedu | le: Pl | B 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | , | | | |
|-------------------|--------|-------|------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|
| | | | ation / 1 | Budge | et Acti | ivity / | Bud | get Sı | ub Ac | ctivity | ' : | | | Item Γ Prim | | | | s (JPA | ATS) | | | | | | | ber / | | [DOD |)IC]: | | |
| | | | | lements in Each) | | | | | | | | Fiscal Y | ear 2012 | | | | | | | | | | | Fiscal Y | ear 2013 | | | | | | |
| | | | | | ACCEPT | | | | | | | | | C | alendar | Year 201 | 2 | | | | | | | | Calen | dar Year | 2013 | | | | |
| O F C R O # | - | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2011 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1.1.1 | I) Air | frame | /CFE | | | , | | | | | | | | | , | , | | | | | | | | | , | | | | | | |
| Prior | Yea | rs De | liveries: 197 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 012 | NAVY | 36 | - | 36 | | | | Α - | - | - | - | - | - | - | - | - | - | - | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 2 | 4 | 3 | |
| 1 | 2 | 013 | NAVY | 33 | - | 33 | | | | | | | | | | | | | | | | | | | | A - | - | - | - | - | : |
| 1 | 2 | 013 | ARMY (‡) | 4 | - | 4 | | | | | | | | | | | | | | | | | | | | A - | - | - | - | - | |
| 1 | 2 | 013 | Total | 37 | - | 37 | | | | | | | | | | | | | | | | | | | | - | - | - | - | - | ; |
| 1 | 2 | 014 | NAVY | 29 ⁽⁵⁾ | - | 29 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| | | · | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | J U | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | J U L | A U G | S E P | B A L |

| Ex | hil | oit P-2 | 21, Pro | ducti | on Sc | hedul | e: PE | 3 201 | 6 Nav | У | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | ; | | | |
|-------------|--------|------------------|---------------------|-------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|---|
| - | - | opriat N / 03 | | Budge | et Acti | vity / | Budg | get Si | ub Ac | tivity | : | | | Item Γ Prim | | | | | ATS) | | | | | | | ber / | | [DOD | DIC]: | | |
| | | | Cost El (Units i | | | | | | | | | Fiscal Y | ear 2014 | ļ | | | | | | | | | | Fiscal Y | ear 2015 | | | | | | |
| | м | | | | ACCEPT | DAL | | | | | | | | C | alendar | Year 201 | 4 | | | | | | | | Caler | dar Year | 2015 | | | | |
| 0 C 0 | F R | FY S | SERVICE | PROC QTY | PRIOR TO 1 OCT 2013 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |
| 1.1. | .1) A | irframe/Cl | FE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pric | or Ye | ars Delive | eries: 197 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | _ | 2012 NA | | 36 | 34 | 2 | 2 | | | | | | T | 1 | | | | | | | | | | | 1 | | | ı | | | |
| _ | _ | 2013 NA | | 33 | - | 33 | - | - | 3 | | 3 | | | 4 | 1 | 1 | - | 3 | 4 | 3 | - | - | - | - | - | - | - | | | | |
| _ | _ | 2013 AF | | 4 | - | 4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 1 | | | | |
| _ | - | 2013 To | | 37 | - | 37 | - | - | 3 | 4 | 3 | 3 | 4 | 4 | 1 | 1 | - | 3 | 4 | 3 | - | - | - | - | - | 3 | 1 | | | | |
| | 1 | 2014 NA | AVY | 29 ⁽⁵⁾ | - | 29 | | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 | 2 | 3 | L |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | n 1 | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N J | n 1 | A U G | S E P | |

| Exhi | bit F | P-21, Pro | oducti | on Sc | hedul | le: PB | 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | e: Fel | oruary | y 201 | 5 | | | |
|---------------|----------|---------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|---------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | iation / 03 / 1 | Budge | t Acti | vity / | Budg | et Sı | Jb Ac | ctivity | | | | Item Γ Prim | | | | | ATS) | | | | | | Nun otal F | | | [DOI | DIC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal \ | ear 2016 |) | | | | | | | | | | Fiscal Y | ear 2017 | , | | | | | |
| | | | | ACCEPT | | | | | | | | | (| alenda | Year 20 | 16 | | | | _ | | | | Cale | ndar Yea | ır 2017 | | | | |
| O F C R O # | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2015 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1.1.1) | Airframe | e/CFE | | | | · | | | | | | | | | | | | | | | | | | | | | | | | |
| Prior Y | ears De | eliveries: 197 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | NAVY | 36 | 36 | - | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| | | NAVY | 33 | 33 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| 1 | 2013 | ARMY (‡) | 4 | 4 | - | | | | | | | | | | | | | | | | | | | | | | | | | <u> </u> |
| $\overline{}$ | 2013 | | 37 | 37 | - | | | | | | | | | | _ | | | | | | | | | | | | | | | |
| 1 | 2014 | NAVY | 29 ⁽⁵⁾ | 8 | 21 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | ! | | | | | | | | | | | | | | | - |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J L | A U G | S E P | A L |

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|---|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 03 / 1 | 0339 / JT Primary Acft Trnr Sys (JPATS) | 1 / Total Flyaway |

| | | Produc | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|-----|--|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-----------------------|--------------------|---------|----------------------|
| MFR | | | | | | Init | ial | | | Reo | rder | |
| Ref | | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 |
| 1 | BEECHCRAFT DEFENSE COMPANY, LLC - HBC | 24 | 82 | 96 | - | - | - | - | - | 6 | 11 | 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 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) 2 Army A/C originally slated to deliver at the beginning of Lot 20 are now being delivered at the end of Lot 19 (4 Army Lot 19 A/C total)



Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0416 / KC-130J

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

Line Item MDAP/MAIS Code: 000 Item MDAP/MAIS Code(s):

| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | To Complete | Total |
|--|-----------------|------------------|--------------------|-------------------|------------------|------------------|-----------------|----------------|---------|---------|----------------|------------|
| Procurement Quantity (Units in Each) | 51 | 1 | 1 | 2 | - | 2 | 2 | 2 | 2 | 2 | 41 | 104 |
| Gross/Weapon System Cost (\$ in Millions) | 3,573.888 | 79.673 | 106.905 | 208.502 | - | 208.502 | 170.358 | 176.160 | 212.438 | 217.963 | 4,615.766 | 9,361.653 |
| Less PY Advance Procurement (\$ in Millions) | 218.733 | 10.615 | 14.615 | 16.288 | - | 16.288 | 32.451 | 28.936 | 25.422 | 25.934 | 581.149 | 954.143 |
| Net Procurement (P1) (\$ in Millions) | 3,355.155 | 69.058 | 92.290 | 192.214 | - | 192.214 | 137.907 | 147.224 | 187.016 | 192.029 | 4,034.617 | 8,407.510 |
| Plus CY Advance Procurement (\$ in Millions) | 239.963 | 32.288 | - | 24.451 | - | 24.451 | 24.936 | 25.422 | 25.934 | 66.120 | 515.029 | 954.143 |
| Total Obligation Authority (\$ in Millions) | 3,595.118 | 101.346 | 92.290 | 216.665 | - | 216.665 | 162.843 | 172.646 | 212.950 | 258.149 | 4,549.646 | 9,361.653 |
| (The followin | g Resource Sumi | mary rows are fo | or informational p | ourposes only. Ti | ne corresponding | g budget request | s are documente | ed elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | _ | 7.928 | 0.310 | 3.999 | _ | 3.999 | 1.971 | 5.612 | 3.911 | 3.940 | Continuina | Continuing |

| (The following | ial Spares (\$ in Millions) - 7 928 0 310 3 999 - 3 999 1 971 5 612 3 911 3 940 Cor | | | | | | | | | | | | | |
|---|--|------------|-------------|-------------|---|-------------|------------|------------|-------------|-------------|-------------|------------|--|--|
| Initial Spares (\$ in Millions) | - | 7.928 | 0.310 | 3.999 | - | 3.999 | 1.971 | 5.612 | 3.911 | 3.940 | Continuing | Continuing | | |
| Flyaway Unit Cost (\$ in Thousands) | 63,537.059 | 73,021.000 | 73,389.000 | 76,723.500 | - | 76,723.500 | 79,282.500 | 79,836.000 | 99,437.500 | 96,095.000 | 105,423.878 | 82,422.385 | | |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 70,076.235 | 79,673.000 | 106,905.000 | 104,251.000 | - | 104,251.000 | 85,179.000 | 88,080.000 | 106,219.000 | 108,981.500 | 112,579.659 | 90,015.894 | | |

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, copilot, 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 inflight 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.

BASIS FOR FY 2016 BUDGET REQUEST: To procure 2 KC-130J aircraft for the USMCR Squadrons. This budget request also includes EOQ funding in FY2014 to support a FY2014 through FY2018 multiyear procurement contract. Note: Due to the FY14 reduction of \$65.3M in the FY14 Appropriation Bill, the Advance Procurement (AP) in FY13 will be for the FY14 and FY15 aircraft. The AP in FY14 will be used for one FY16 aircraft. There is no AP in FY15.

Controls locked prior to updating the "To Complete" cost. In order to reflect the correct program funding profile, supporting exhibits reflect actual "To Complete" cost and "Total" cost.

The P-40 should reflect: To Complete Total Procurement Quantity 41 104

 Gross Weapon System Cost
 \$4,615.766
 \$9,361.654

 Less PY Advance Procurement
 \$567.123
 \$940.117

 Net Procurement (P1)
 \$4,048.643
 \$8,421.536

 Plus CY Advance Procurement
 \$501.003
 \$940.117

 Total Obligation Authority
 \$4,549.646
 \$9,361.653

 Flyaway Unit Cost
 \$105,423.889
 \$82,422.404

LI 0416 - KC-130J

Navy

UNCLASSIFIED

P-1 Line #21

Volume 1 - 173

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Volume 1 - 174

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0416 / KC-130J

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 000

Item MDAP/MAIS Code(s):

Gross Weapon System Unit Cost \$112,579.653 \$90,015.902

| Seconda | ry Distribution | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 |
|------------------------|----------------------------|---------|---------|-----------------|----------------|------------------|---------|---------|---------|---------|
| NR | Quantity | 1 | 1 | 2 | - | 2 | 2 | 2 | 2 | 2 |
| | Total Obligation Authority | 101.346 | 92.290 | 216.665 | - | 216.665 | 162.843 | 172.646 | 212.950 | 258.149 |
| Total: | Quantity | - | - | - | - | - | - | - | - | - |
| Secondary Distribution | Total Obligation Authority | 101.346 | 92.290 | 216.665 | - | 216.665 | 162.843 | 172.646 | 212.950 | 258.149 |

 LI 0416 - KC-130J
 UNCLASSIFIED

 Navy
 Page 2 of 11
 P-1 Line #21

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

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: Other Related Program Elements:

Line Item MDAP/MAIS Code: 000 Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / KC-130J | P-5, P-5a, P-21 | | 51 / 3,573.888 | 1 / 79.673 | 1 / 106.905 | 2 / 208.502 | - / - | 2 / 208.502 |
| Total Gross/Weapon System Cost | | | 51 / 3,573.888 | 1 / 79.673 | 1 / 106.905 | 2 / 208.502 | - 1 - | 2 / 208.502 |

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

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

UNCLASSIFIED
Page 3 of 11

| | | | | | | | UI | NCLAS | SSIFIE |) | | | | | | | | |
|---|----------------------|-----------------------|---------------|------------------|------------|-----------------|----------------|------------|---------------|-------------|-------------|---------------|-----------|---------|--------------------------------------|-----------|-----------|---------------|
| Exhibit P-5, Cost | t Analysis | s: PB 20 | 16 Navy | / | | | | | | | | | I | Date: I | February | 2015 | | |
| Appropriation / E 1506N / 04 / 1 | Budget A | ctivity / | Budget | Sub Activ | ity: | | | | | | | | | | em Number / Title [DODIC]: / KC-130J | | | |
| ID Code (A=Service Rea | ady, B=Not Servi | ice Ready) : | | | | MDAP/MAIS Code: | | | | | | | | | | | | |
| | Resource | Summ | ary | | | Prior Ye | ears | FY 2 | 014 | FY | 2015 | FY | 2016 Bas | е | FY 2016 | осо | FY 201 | 6 Total |
| Procurement Quantity (Ui | nits in Each) | | | | | | 51 | | 1 | | | 1 | | 2 | | - | | |
| Gross/Weapon System C | Cost (\$ in Million | ıs) | | | | : | 3,573.888 | | 79.673 | | 106.9 | 05 | 208 | .502 | | - | | 208.502 |
| Less PY Advance Procur | rement (\$ in Mil | nent (\$ in Millions) | | | | | 218.733 | | 10.615 | | 14.615 | | 16.288 | | - | | - 10 | |
| Net Procurement (P1) (\$ | P1) (\$ in Millions) | | | | | : | 3,355.155 | | 69.058 | | 92.2 | 90 | 192.214 | | 14 | | - | |
| Plus CY Advance Procure | ement (\$ in Mill | lions) | | | | | 239.963 | | 32.288 | | - | | 24 | .451 | | - | | 24.45 |
| Total Obligation Author | ity (\$ in Millions | s) | | | | ; | 3,595.118 | | 101.346 | | 92.2 | 90 | 216 | .665 | | - | | 216.66 |
| (7 | The following I | Resource S | ummary rov | vs are for infor | national p | urposes on | ly. The corres | ponding bu | dget reques | s are docum | ented elsev | here.) | | | | | | |
| Initial Spares (\$ in Millions) |) | | | | | | - | | 7.928 | | 0.3 | 10 | 3 | .999 | | - | | 3.999 |
| Gross/Weapon System U | Jnit Cost (\$ in 7 | Thousands) | | | | 70 | 0,076.235 | | 79,673.000 | | 106,905.0 | 00 | 104,251 | .000 | | - | | 104,251.000 |
| Note: Subtotals or Totals | in this Exhibit | P-5 may no | ot be exact | or add, due to | ounding. | | | | | | | | - | | | | | |
| | F | Prior Year | s | | FY 2014 | | | FY 2015 | | FY | ′ 2016 Ba | se | FY | 2016 C | СО | F | Y 2016 To | - otal |
| | Unit Cost | Qtv | Total Cost | Unit Cost | Qty | Total Cost | Unit Cost | Qty | Total Cost | Unit Cost | Qtv | Total Cost | Unit Cost | Qtv | Total Cost | Unit Cost | Qty | Total Cost |

| | P | rior Years | ; | | FY 2014 | | | FY 2015 | | FY | ' 2016 Bas | se | FY | 2016 OC | 0 | FY | 2016 Tota | al |
|------------------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | · · | | | | | , | | | | | | | | | |
| Recurring Cost | _ | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 60,766.353 | 51 | 3,099.084 | 68,300.000 | 1 | 68.300 | 68,385.300 | 1 | 68.385 | 71,623.200 | 2 | 143.246 | - | - | - | 71,623.200 | 2 | 143.2 |
| 1.1.3) GFE Electronics | - | - | 71.006 | - | - | 2.086 | - | - | 2.126 | - | - | 4.332 | - | - | - | - | - | 4.3 |
| 1.1.6) Other GFE | - | - | 18.175 | - | - | 0.684 | - | - | 0.888 | - | - | 1.810 | - | - | - | - | - | 1.8 |
| Subtotal: Recurring Cost | - | - | 3,188.265 | - | - | 71.070 | - | - | 71.399 | - | - | 149.388 | - | - | - | - | - | 149.3 |
| Non Recurring Cost | | , | | | | | | | • | | | | | | | | | |
| 1.2.1) Non-Recur Cost | - | - | 52.125 | - | - | 1.951 | - | - | 1.990 | - | - | 4.059 | - | - | - | - | - | 4.0 |
| Subtotal: Non Recurring Cost | - | - | 52.125 | - | - | 1.951 | - | - | 1.990 | - | - | 4.059 | - | - | - | - | - | 4.0 |
| Subtotal: Flyaway Cost | - | - | 3,240.390 | - | - | 73.021 | - | - | 73.389 | - | - | 153.447 | - | - | - | - | - | 153.4 |
| Support Cost | | | | | | | | | | | | | | | | | | |
| 2.1) Airframe PGSE | - | - | 4.836 | - | - | 1.055 | - | - | - | - | - | - | - | - | - | - | - | |
| 2.2) Engine PGSE | - | - | 3.676 | - | - | 1.237 | - | - | - | - | - | - | - | - | - | - | - | |
| 2.3) Avionics PGSE | - | - | 5.300 | - | - | 0.465 | - | - | 0.269 | - | - | - | - | - | - | - | - | |
| 2.4) Pec Trng Eq | - | - | 93.590 | - | - | - | - | - | 28.654 | - | - | 49.848 | - | - | - | - | - | 49.8 |
| 2.5) Pub/Tech Eq | - | - | 3.530 | - | - | 0.064 | - | - | 0.065 | - | - | 0.066 | - | - | - | - | - | 0.0 |
| 2.6) Prod Eng Supt | - | - | 79.158 | - | - | 1.801 | - | - | 2.201 | - | - | 2.360 | - | - | - | - | - | 2.3 |
| 2.7) Other ILS | - | - | 125.158 | - | - | 2.030 | - | - | 2.327 | - | - | 2.781 | - | - | - | - | - | 2.7 |
| 2.8) Miscellaneous Support | - | - | 18.250 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

LI 0416 - KC-130J Navy

UNCLASSIFIED Page 4 of 11

P-1 Line #21

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 04 / 1 | 0416 / KC-130J | 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 add, due to rounding.

| <u> </u> | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-----------|---------------|-------------------------|-------------|---------------|-------------------------|
| | P | rior Years | ; | | FY 2014 | | | FY 2015 | | FY | 2016 Bas | e | F | / 2016 OC | 0 | F۱ | / 2016 Tot | al |
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Subtotal: Support Cost | - | - | 333.498 | - | - | 6.652 | - | - | 33.516 | - | - | 55.055 | - | - | - | - | - | 55.055 |
| Gross/Weapon System Cost | 70,076.235 | 51 | 3,573.888 | 79,673.000 | 1 | 79.673 | 106,905.000 | 1 | 106.905 | 104,251.000 | 2 | 208.502 | - | - | - | 104,251.000 | 2 | 208.502 |

^(†) indicates the presence of a P-5a

Footnotes:

UNCLASSIFIED

⁽¹⁾ FY14-FY18 CFE Prices are Mulit-Year pricing and are directly from the unsolicited proposal from Lockheed Martin. FY19-FY21 increases for Single Year pricing (moving out of MYP to SY) which includes a 3.0% Producer Price Index for Aerospace Product and Parts Industry Inflation Rates (PPI 3364). USAF is currently using the same escalation. In FY19 LAIRCM, JABS, and Block Upgrade are added into the production line which increases the cost of the aircraft.

⁽²⁾ In FY19 LAIRCM, JABS, and Block Upgrade are added into the production line which increases the cost of the aircraft.

| Exhibit P-5a, Procurement History and Planning: PB 2016 | Navy | Date: February 2015 |
|---|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 04 / 1 | 0416 / KC-130J | 1 / KC-130J |

| | | | I | | | | | | | | | |
|------------------------------------|-------------|-------------|-------------------------------------|--------------------------------------|----------------------------|---------------|------------------------------|----------------------|------------|------------------------|-------------------------------|----------------------|
| Cost Elements | 0 C 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Date Revision Available | RFP Issue Date |
| 1.1.1) Airframe/CFE ^(†) | | 2012 | LMAS (3) / Marrietta, GA | SS / FFP | USAF Wright Patterson Ohio | Aug 2013 | Mar 2015 | 1 | 68,631.100 | Y | | |
| 1.1.1) Airframe/CFE ^(†) | | 2013 (4) | LMAS ⁽³⁾ / Marrietta, GA | SS/FFP | USAF Wright Patterson Ohio | Dec 2014 | Oct 2016 | 3 | 66,776.833 | Y | | |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | LMAS (3) / Marrietta, GA | SS/FFP | USAF Wright Patterson Ohio | Jan 2015 | May 2016 | 1 | 68,300.000 | Y | | |
| 1.1.1) Airframe/CFE ^(†) | | 2015 | LMAS (3) / Marrietta, GA | SS/FFP | USAF Wright Patterson Ohio | Apr 2015 | May 2017 | 1 | 68,385.300 | Y | | |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | LMAS (3) / Marrietta, GA | SS/FFP | USAF Wright Patterson Ohio | Feb 2016 | May 2018 | 2 | 71,623.200 | Y | | |

^(†) indicates the presence of a P-21

Footnotes:

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

⁽⁴⁾ FY13 Congressional Add aircraft to be negotiated concurrent with Multi year contract negotiations.

| naa | bit P | 9-21, Pro | oducti | on Sc | hedul | e: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | : Feb | oruary | 2015 | 5 | | | |
|---------------|-------|------------------------------|-------------------|--|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|---------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|----------|
| | | i ation / I 04 / 1 | Budge | t Acti | vity / | Budg | jet Sı | ıb Ac | tivity | : | - 1 | Line 6 / K | | | ber / | Title: | | | | | | | | Num (C-13 | | Title | [DOI | DIC]: | | |
| | | Cost El (Units i | ements n Each) | | | | | | | | Fiscal Y | ear 2013 | | , | | | | | | | | | Fiscal Y | ear 2014 | | | | | | |
| M F R | FY | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2012 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | Year 20 | 13 A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | 1 |
|) # | | | QIT | | 1001 | ' | V | C | N | В | K | K | T | N | _ L | G | Ι Ρ | | V | | N | ь | K | K | T | N | | G | | \perp |
| | | e/CFE (1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2012 | | 1 (5) | | | | | | | | | | | | | Α - | _ | - | _ | _ | _ | - | - | _ | l - | l - | _ | _ | | _ |
| | 2012 | | | - | 1 | | | | | | | | | | | A - | _ | _ | - | - | _ | - | - | - | - | - | - | - | | \vdash |
| \perp | 2012 | | 1 2 | - | 1 2 | | | | | | | | | | | - | - | - | - | - | _ | - | - | - | - | - | - | - | - | \vdash |
| | | NAVY | 3 | - | 3 | | | | | | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | + |
| | _ | NAVY | 1 (6) | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| + | | AF ^(‡) | 4 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| \perp | 2014 | | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| \rightarrow | 2015 | | 1 (7) | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| | 2015 | | 2 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| | 2015 | | 3 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | + |
| \rightarrow | 2016 | | 2 (8) | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| 1 | 2016 | AF ^(‡) | 6 | | 6 | | | | | | | | | | | | | | | | | | | | | | | | | + |
| | 2016 | | 8 | | 8 | | | | | | | | | | | | | | | | | | | | | | | | | \vdash |
| 1.1 | | | | | | 0 | N | D | J | F | М | Α | М | J | J | Α | s | 0 | N | D | J | F | М | Α | М | J | J | Α | s | |
| | | | | | | C T | 0 V | E | A N | E B | A R | P R | A Y | U N | U | U G | E P | C T | 0 V | E | A N | E B | A R | P R | A Y | U N | U L | U G | E P | L |

LI 0416 - KC-130J Navy

UNCLASSIFIED Page 7 of 11

P-1 Line #21

Volume 1 - 179

| Exh | ibit F | P-21, Pro | oducti | on Sc | hedu | le: Pl | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | | | | |
|--------------------|----------------|---------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|-------------|-------------|-------------|-------------|--------|
| (pr 50 | ropr 3N / 0 | iation / 04 / 1 | Budge | et Acti | vity / | Bud | get S | ub Ac | tivity | : | | | Item C-130 | | ber / | Title: | | | | | | | | Num (C-13) | | Title | [DOE | DIC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal Y | ear 2015 | | | | | | | | | | | Fiscal Y | ear 2016 | | | | | | T |
| Τ. | | | <u> </u> | ACCEPT | | | | | | | | | С | alendar | Year 201 | 5 | | | | | | | | Calen | dar Year | 2016 | | | | |
| M F R D # | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J J | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N J | r c c | A U G | S E P | |
| .1.1) | Airfram | e/CFE (1) | | | | | | | | | | | | | | | , | | | | | , | | | | | | | | |
| rior | ears De | eliveries: 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2012 | NAVY | 1 ⁽⁵⁾ | - | 1 | - | - | - | - | - | 1 | | | | | | | | | | | | | | | | | | | |
| 1 | 2012 | AF ^(‡) | 1 | - | 1 | - | - | - | - | - | 1 |] | | | | | | | | | | | | | | | | | | |
| 1 | 2012 | Total | 2 | - | 2 | - | - | - | - | - | 2 | 1 | | | | | | | | | | | | | | | | | | |
| 1 | 2013 | NAVY | 3 | - | 3 | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2014 | NAVY | 1 (6) | - | 1 | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | |
| 1 | 2014 | AF ^(‡) | 4 | - | 4 | | | | A - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | - | 1 | П |
| 1 | 2014 | Total | 5 | - | 5 | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 1 | 1 | - | 1 | |
| 1 | 2015 | NAVY | 1 (7) | - | 1 | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2015 | AF ^(‡) | 2 | - | 2 | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 2015 | Total | 3 | - | 3 | | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | \top |
| 1 | 2016 | NAVY | 2 (8) | - | 2 | | | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | |
| 1 | 2016 | AF ^(‡) | 6 | - | 6 | | | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | \top |
| 1 | 2016 | Total | 8 | - | 8 | | | | | | | | | | | | | | | | | - | - | - | - | - | - | - | - | \top |
| | | | | | , | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | 1 |

LI 0416 - KC-130J Navy UNCLASSIFIED
Page 8 of 11

P-1 Line #21

Volume 1 - 180

| | ומוו | t P-21 | , Pro | oucu | on Sc | hedul | le: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | : Feb | oruary | / 2015 | 5 | | | |
|-------------------|---------------|------------------|---------------------|-------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|----------|-------------|-------------|--------|-------------|--------|-------------|--------|-------------|-------------|-------------|-------------|-------------|--------|-------------|-------------|---|
| Apı | oro | | on / | Budge | | | | | | • | : | | Line 16 / K | | | ber / | Title: | | | | | | | Item | | ber / | Title | | DIC]: | | |
| | | | Cost El (Units i | ements n Each) | | | | | , | , | | Fiscal Y | ear 2017 | | | | | | | , | | | | Fiscal Y | ear 2018 | | | | | | |
| | | | | | ACCEPT | | | | _ | | | | | C | Calendar | Year 20 | 17 | | | | | | | | Caler | dar Yea | r 2018 | | | | |
| O F C R O # | ! ! ! F | Y SE | RVICE | PROC QTY | PRIOR TO 1 OCT 2016 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | J U L | A U G | чв | 0 C T | < 0 × | D E C | JAN | F E B | M A R | A P R | M A Y | J U N | J U | A U G | S E P | |
| 1.1.1 |) Airfr | ame/CFE | (1) | | | | ı | | ļ. | | | | | | | | | | | | | | l | | | | | | | | |
| | | s Deliveri | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 12 NAV | Y | 1 (5) | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 12 AF | :) | 1 | 1 | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 12 Tota | ı | 2 | 2 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 13 NAV | Y | 3 | - | 3 | 1 | - | - | 1 | 1 | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 14 NAV | Υ | 1 (6) | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 14 AF | :) | 4 | 4 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 20 | 14 Tota | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | _ | 15 NAV | | 1 (7) | _ | 1 | - | - | - | - | - | - | - | 1 | - |] | | | | | | | | | | | | | | | |
| 1 | 20 | 15 AF | :) | 2 | _ | 2 | - | - | - | - | - | - | - | 1 | 1 | 1 | | | | | | | | | | | | | | | |
| 1 | 20 | 15 Tota | | 3 | - | 3 | - | - | - | - | - | - | - | 2 | 1 | 1 | | | | | | | | | | | | | | | |
| 1 | _ | 16 NAV | | 2 (8) | - | 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | |
| 1 | 20 | 16 _{AF} | :) | 6 | _ | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | |
| 1 | 20 | 16 Tota | | 8 | | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 1 | 1 | 1 | 1 | |
| | | | | | | | 0 | N | D | J | F | М | Α | М | J | J | Α | s | 0 | N | D | J | F | М | Α | М | J | J | Α | s | |
| | | | | | | | C T | 0 V | E | A N | E B | A R | P R | A Y | U N | U | U G | E P | C T | O V | E C | A N | E B | A R | P R | A Y | U N | U | U G | E P | 1 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

LI 0416 - KC-130J Navy UNCLASSIFIED
Page 9 of 11

| M F FY I.1.1) Airframe Prior Years De | Cost El | ements n Each) | ACCEPT PRIOR TO 1 | BAL | Budg | jet Su | ıb Ac | tivity | | | Line 16 / K(| C-130 | | ber / | Title: | | | | | | | | Num | | Title | [DOD | DIC]: | | |
|---------------------------------------|-------------------|-------------------|-------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|---------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---|
|) F | (Units i | n Each) | PRIOR | | | | | | | Fiscal Y | / · · 0040 | | | | | | | | | | | ' ' ' ' | | - | | | | | |
|) F | | | PRIOR | | | | | | | | ear 2019 | | | | | | | | | | | Fiscal Ye | ear 2020 | | | | | | |
|) F | SERVICE | PROC | | | | | | | | | | | alendar | Year 201 | 9 | | | | | <u> </u> | | | | ıdar Year | 2020 | | | | + |
| 1.1.1) Airframe | | QTY | OCT 2018 | DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J U | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |
| | ne/CFE (1) | | | | | | | | l | l | | | | | | l | | | | | l | | | | | | | | |
| | | - | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2012 | NAVY | 1 ⁽⁵⁾ | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2012 | AF ^(‡) | 1 | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2012 | Total | 2 | 2 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2013 | NAVY | 3 | 3 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2014 | NAVY | 1 (6) | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2014 | AF ^(‡) | 4 | 4 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2014 | Total | 5 | 5 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2015 | NAVY | 1 (7) | 1 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2015 | AF ^(‡) | 2 | 2 | _ | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2015 | Total | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2016 | NAVY | 2 (8) | 1 | 1 | - | - | - | - | 1 |] | | | | | | | | | | | | | | | | | | | |
| 1 2016 | AF ^(‡) | 6 | 5 | 1 | 1 | - | - | - | - | | | | | | | | | | | | | | | | | | | | |
| 1 2016 | | 8 | 6 | | 1 | - | - | - | 1 | - | | | | | | | | | | | | | | | | | | | |
| | | | | | 0 | N | D | J | F | М | Α | М | J | J | A U | S E | 0 | N | D | J | F | М | Α | М | J | J | Α | S | |
| | | | | | C T | O V | E | A N | E B | A R | P R | A Y | U N | U L | U | E P | C T | O V | E C | A N | E B | A R | P R | M A Y | U N | U L | A U G | E P | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

LI 0416 - KC-130J Navy UNCLASSIFIED
Page 10 of 11

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 04 / 1 | 0416 / KC-130J | 1 / KC-130J |

| | | Produ | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|----|---------------------------------------|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-----------------------|--------------------|---------|----------------------|
| MF | R | | | | | Initi | al | | | Reor | der | |
| Re | 1 | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 |
| | 1 LMAS ⁽³⁾ - Marrietta, GA | - | - | - | - | 6 | 36 | 42 | - | 6 | 25 | 31 |

^(‡) 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 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-month lead time required for long lead items procured through the Advance Procurement contract.
- ⁽⁵⁾ Airforce aircraft shown delivering 2015-03 will actually deliver 2014-12.
- ⁽⁶⁾ Two additional Airforce aircraft to deliver 2015-12 and 2016-01.
- ⁽⁷⁾ Five additional Airforce aircraft to deliver 2016-09, 2016-10, 2016-11, 2016-12, and 2017-01.
- $^{(8)}$ Six additional Airforce aircraft to deliver 2017-10, 2017-11, 2017-12, 2018-01, 2018-02, and 2018-03.

LI 0416 - KC-130J
Navy

UNCLASSIFIED
Page 11 of 11
P-1 Line #21

Volume 1 - 183



Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0416 / KC-130J

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 000

Item MDAP/MAIS Code(s):

| Line item widai /waio code. 000 | Itelli MD | AI /IVIAIO OUU | G(3). | | | | | | | | | |
|---|-----------|----------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Gross/Weapon System Cost (\$ in Millions) | 239.963 | 32.288 | - | 24.451 | - | 24.451 | 24.936 | 25.422 | 25.934 | 66.120 | 515.029 | 954.143 |
| Net Procurement (P1) (\$ in Millions) | 239.963 | 32.288 | - | 24.451 | - | 24.451 | 24.936 | 25.422 | 25.934 | 66.120 | 515.029 | 954.143 |
| Total Obligation Authority (\$ in Millions) | 239.963 | 32.288 | - | 24.451 | - | 24.451 | 24.936 | 25.422 | 25.934 | 66.120 | 515.029 | 954.143 |

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.

BASIS FOR FY 2016 BUDGET REQUEST:

The FY16 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 FY17.

This budget request includes EOQ funding in FY2014 to support a FY2014 through FY2018 multiyear procurement contract.

Due to the FY14 reduction of \$65.3M in the FY14 Appropriation Bill, the Advance Procurement (AP) in FY13 will be for the FY14 and FY15 aircraft. The AP in FY14 will be used for the FY16 aircraft. There is no AP in FY15.

LI 0416 - KC-130J
Navy

UNCLASSIFIED
Page 1 of 4
P-1 Line #22

Volume 1 - 185

| Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Na | vy | Date: February 2015 |
|--|---|---------------------|
| | P-1 Line Item Number / Title: 0416 / KC-130J | |
| Program Elements for Code B Items: | Other Related Program Flements: | |

Line Item MDAP/MAIS Code: 000 Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / KC-130J | P-10 | | - / 239.963 | - / 32.288 | -/ - | - / 24.451 | -/ - | - / 24.451 |
| Total Gross/Weapon System Cost | | | - / 239.963 | - / 32.288 | -1 - | - / 24.451 | -1 - | - / 24.451 |

*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 add due to rounding.

LI 0416 - KC-130J
Navy

UNCLASSIFIED
Page 2 of 4
P-1 Line #22

Volume 1 - 186

| | | | UNCLASSII ILD | | | | | | | | |
|--|--|---------------------------|--|----------------------------------|-------------------|-------------------|--|--|--|--|--|
| Exhibit P-10, Advance Procureme | ent Requirements Analys | is (page 1 | - Budget Funding Justi | fication): PB 2016 Navy | Date: February 20 |)15 | | | | | |
| Appropriation / Budget Activity / 1506N / 04 / 1 | Budget Sub Activity: | P-1 Line 0416 / K0 | Item Number / Title: C-130J | P-5 Number / Titl 1 / KC-130J | e: | | | | | | |
| First System (2016) Award Date: January 2013 | First System (2016) Comp January 2013 | etion Date: | ition Date: Interval Between Systems: 0 Months | | | | | | | | |
| KC-130J | Production (Month | | Prior Years (Each) | FY 2014 (Each) | FY 2015 (Each) | FY 2016 (Each) | | | | | |
| Quantity | | | 51 | 1 | 1 | 2 | | | | | |
| Cost Element | When (Month | | Prior Years (\$ M) | FY 2014 (\$ M) | FY 2015 (\$ M) | FY 2016 (\$ M) | | | | | |
| CFE | 1 | , | , | , | | | | | | | |
| CFE - Airframe T.L. | | 0 | 216.799 | 10.400 | - | 20.000 | | | | | |
| Total: CFE | | | 216.799 | 10.400 | - | 20.000 | | | | | |
| GFE | | | | | | | | | | | |
| GFE Electronics | | 0 | 21.001 | 1.804 | - | 4.164 | | | | | |
| GFE Other | | 0 | 2.163 | 0.084 | - | 0.287 | | | | | |
| Total: GFE | | | 23.164 | 1.888 | - | 4.451 | | | | | |
| EOQ | | | | | | | | | | | |
| EOQ | | 0 | - | 20.000 | - | - | | | | | |
| Total: EOQ | | | - | 20.000 | - | - | | | | | |
| Total Advance Procurement/Obligation A | uthority | | 239.963 | 32.288 | - | 24.451 | | | | | |

LI 0416 - KC-130J
Navy

UNCLASSIFIED
Page 3 of 4
P-1 Line #22

Volume 1 - 187

| Exhibit P-10, Advance Procurement Requirements Analysis | s (page 2 - Budget Funding Justification): PB 2016 Navy | Date: February 2015 |
|---|---|---------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | P-5 Number / Title: |
| 1506N / 04 / 1 | 0416 / KC-130J | 1 / KC-130J |

| | | | | FY 2 | 016 | | |
|--|---------------|------------------------------------|-----------|---------------------------|--------------------|--------|---------------------------------|
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | |
| CFE - Airframe T.L. | - | | | | | | 20.000 |
| Total: CFE | | | | | | | 20.000 |
| GFE | | | | | | | |
| GFE Electronics | - | | | | | | 4.164 |
| GFE Other | - | | | | | | 0.287 |
| Total: GFE | | | | | | | 4.451 |
| EOQ | | | | | | | |
| EOQ | - | | | | | | - |
| Total: EOQ | | | | | | | - |
| Total Advance Procurement/Obligation Authority | | | | | | | 24.451 |

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), 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.

LI 0416 - KC-130J

Navy

UNCLASSIFIED

Page 4 of 4

P-1 Line #22

Volume 1 - 188

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0442 / MQ-4 TRITON

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

Line Item MDAP/MAIS Code: 373 Item MDAP/MAIS Code(s):

| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
|---|---------------|------------------|--------------------|------------------|-----------------|----------------|-----------------|---------------|-------------|-------------|-------------|-------------|
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Procurement Quantity (Units in Each) | - | - | - | 3 | - | 3 | 3 | 4 | 4 | 4 | 48 | 66 |
| Gross/Weapon System Cost (\$ in Millions) | 0.000 | - | - | 561.929 | - | 561.929 | 562.785 | 634.576 | 702.899 | 716.800 | 7,174.791 | 10,353.780 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | 67.670 | - | 67.670 | 54.577 | 74.152 | 75.560 | 76.796 | 1,052.299 | 1,401.054 |
| Net Procurement (P1) (\$ in Millions) | 0.000 | - | - | 494.259 | - | 494.259 | 508.208 | 560.424 | 627.339 | 640.004 | 6,122.492 | 8,952.726 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | 67.670 | 54.577 | - | 54.577 | 74.152 | 75.560 | 76.796 | 78.459 | 973.840 | 1,401.054 |
| Total Obligation Authority (\$ in Millions) | 0.000 | - | 67.670 | 548.836 | - | 548.836 | 582.360 | 635.984 | 704.135 | 718.463 | 7,096.332 | 10,353.780 |
| (The following | Resource Sumi | mary rows are fo | or informational p | urposes only. Th | e corresponding | budget request | s are documente | d elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | - | - | 153.954 | - | 153.954 | 110.263 | 105.532 | 6.758 | 6.881 | Continuing | Continuing |
| Flyaway Unit Cost (\$ in Thousands) | - | - | - | 122,989.000 | - | 122,989.000 | 119,484.000 | 114,786.500 | 112,042.000 | 112,483.250 | 125,067.813 | 122,544.258 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | - | - | - | 187,309.667 | - | 187,309.667 | 187,595.000 | 158,644.000 | 175,724.750 | 179,200.000 | 149,474.813 | 156,875.455 |

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.

 LI 0442 - MQ-4 TRITON
 UNCLASSIFIED

 Navy
 Page 1 of 8
 P-1 Line #23

 Volume 1 - 189

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0442 / MQ-4 TRITON

 $\textbf{ID Code} \,\, (\mathsf{A}\text{=}\mathsf{Service} \,\, \mathsf{Ready}, \, \mathsf{B}\text{=}\mathsf{Not} \,\, \mathsf{Service} \,\, \mathsf{Ready}) : A$

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 373 Item MDAP/MAIS Code(s):

| Exhibits Schedule | | Prior Years | | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|-------------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| 1 / RQ-4 UAV | P-5, P-5a, P-21 | | - / 0.000 | - / - | - / - | 3 / 561.929 | - / - | 3 / 561.929 |
| Total Gross/Weapon System Cost | | | - / 0.000 | - 1 - | - 1 - | 3 / 561.929 | - 1 - | 3 / 561.929 |

^{*}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.

Justification:

Basis for FY 2016 Budget Request: FY16 request includes three FY16 Low Rate Initial Production (LRIP) MQ-4C Triton Unmanned Air Systems (UAS) and efforts to stand up depot repair and organic maintenance capability.

FY16 Advanced Procurement funding will support three FY16 LRIP MQ-4C Triton UAS.

UNCLASSIFIED Page 2 of 8

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

Exhibit P-5, Cost Analysis: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

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1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity:
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Description / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Description / Budget Activity / Budget Sub Activity / Budget Sub Activity / Budget Sub Activity / Budget Sub Activity / Budge

| ID Code (A=Service Ready, B=Not Service Ready) : | | | MDAP/MAIS Code: | | | |
|---|-------------------------------|------------------------|-----------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | - | - | - | 3 | - | 3 |
| Gross/Weapon System Cost (\$ in Millions) | 0.000 | - | - | 561.929 | - | 561.929 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | 67.670 | - | 67.670 |
| Net Procurement (P1) (\$ in Millions) | 0.000 | - | - | 494.259 | - | 494.259 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | 67.670 | 54.577 | - | 54.577 |
| Total Obligation Authority (\$ in Millions) | 0.000 | - | 67.670 | 548.836 | - | 548.836 |
| (The following Resource Summary rows are for informat | ional purposes only. The corr | responding budget requ | ests are documented elsewhe | ere.) | | |
| Initial Spares (\$ in Millions) | - | - | - | 153.954 | - | 153.954 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | - | - | - | 187,309.667 | - | 187,309.667 |

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

| | P | rior Years | S | | FY 2014 | | | FY 2015 | | FY | 2016 Bas | se | FY | ' 2016 OC | 0 | FY | 2016 Tot | .al |
|--|-----------|---------------|-------------------------|-----------|-------------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|---------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost |
| Flyaway Cost | | | | | | | , | | | | | | | | | , | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | - | - | - | - | - | - | - | - | - | 60,503.667 | 3 | 181.511 | - | - | - | 60,503.667 | 3 | 181. |
| 1.1.2) CFE Electronics | - | - | - | - | - | - | - | - | - | - | - | 93.695 | - | - | - | - | - | 93 |
| 1.1.4) Engines/Eng Acc ⁽³⁾ | - | - | - | - | - | - | - | - | - | - | - | 11.844 | - | - | - | - | - | 11 |
| 1.1.6) Other GFE (4) | - | - | - | - | - | - | - | - | - | - | - | 0.565 | - | - | - | - | - | С |
| 1.1.7) Rec Flyaway ECO | - | _ | - | - | _ | - | - | - | - | - | _ | 23.009 | - | _ | - | - | - | 23 |
| Subtotal: Recurring Cost | - | - | - | - | - | - | - 1 | - | - | - | - | 310.624 | - | - | - | - | - | 310 |
| Non Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.2.1) Non-Recur Cost | - | - | - | - | - | - | - | - | - | - | - | 28.652 | - | - | - | - | - | 28 |
| 1.2.3) Other ⁽⁵⁾ | - | - | - | - | - | - | - | - | - | - | - | 29.691 | - | - | - | - | - | 29 |
| Subtotal: Non Recurring Cost | - | - | - | - | - | - | - | - | - | - | - | 58.343 | - | - | - | - | - | 58 |
| Subtotal: Flyaway Cost | - | - | - | - | - | - | - | - | - | - | - | 368.967 | - | - | - | - | - | 368 |
| Support Cost | | | | | | | | | <u> </u> | | | | | | | | <u> </u> | |
| 2.2) Airframe PGSE (6) | - | - | - | - | - | - | - | - | - | - | - | 80.689 | - | - | - | - | - | 80 |
| 2.3) Pec Training Equip | - | - | - | - | _ | - | _ | - | - | _ | _ | 41.489 | - | - | - | - | _ | 41 |

UNCLASSIFIED
Page 3 of 8

| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
|--|--------------------|------------------------------|
| | | Item Number / Title [DODIC]: |
| 1506N / 04 / 1 | 0442 / MQ-4 TRITON | 1 / RQ-4 UAV |

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

MDAP/MAIS Code:

| | P | rior Years | 6 | FY 2014 | | | | FY 2015 | | F۱ | FY 2016 Base | | FY 2016 OCO | | | FY | / 2016 Tota | al |
|-----------------------------|-----------|---------------|-------------------------|-----------|----------------------|-------------------------|-----------|---------------|-------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|-------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| 2.4) Pub/Tech Equip (8) | - | - | - | - | - | - | - | - | - | - | - | 2.285 | - | - | - | - | - | 2.285 |
| 2.5) Prod Eng Supt | - | - | - | - | - | - | - | - | - | - | - | 48.774 | - | - | - | - | - | 48.77 |
| 2.6) Other ILS (9) | - | - | - | - | - | - | - | - | - | - | - | 19.725 | - | - | - | - | - | 19.725 |
| Subtotal: Support Cost | - | - | - | - | - | - | - | - | - | - | - | 192.962 | - | - | - | - | - | 192.962 |
| Gross/Weapon System Cost | - | - | 0.000 | - | - | - | - | - | - | 187,309.667 | 3 | 561.929 | - | - | - | 187,309.667 | 3 | 561.929 |

(†) indicates the presence of a P-5a

ID Code (A=Service Ready, B=Not Service Ready)

Footnotes:

- (1) Escalation for flyaway cost elements have been estimated using Global Insight indices and Forward Pricing Rate Agreements. These values reflect the methodology used to generate the Triton April 2014 Service Cost Position and the updated Triton Acquisition Program Baseline, approved by OSD in July, 2014. Unit Airframe/CFE estimates decline from FY16 through FY19 because inflation is offset by reductions generated from learning curve estimates and economic order quantity efficiencies.
- (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) Escalation for flyaway cost elements have been estimated using Global Insight indices and Forward Pricing Rate Agreements. These values reflect the methodology used to generate the Triton April 2014 Service Cost Position and the updated Triton Acquisition Program Baseline, approved by OSD in July, 2014. In FY17-20 these indices exceed the OSD inflation rates for the Engines, Other GFE, and Other cost elements.
- (5) Note: Other includes Ground Control Stations.
- (6) Increases in Airframe PGSE line reflect investment required to stand up depot repair and organic maintenance capability.
- (7) The Peculiar Training Equipment cost element increases in FY18 to support new training investment required to incorporate Triton's Multi-Intelligence capability into Triton's operator and maintainer training solution.
- (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 and to establish core depot maintenance capabilities within 4 years of IOC, supporting Section 2464 of title 10, United States Code.
- (9) Other ILS cost element increases from FY16 to FY17 above OSD inflation primarily to acquire provisioning data required to provide a supportable Triton system at IOC and Triton's Material Support Date (MSD). Other ILS increases above inflation in FY18-20 due to Interim Contractor Support (ICS) requirements to support the Triton system prior to MSD.

 LI 0442 - MQ-4 TRITON
 UNCLASSIFIED

 Navy
 Page 4 of 8
 P-1 Line #23

 Volume 1 - 192

| Exhibit P-5a, Procurement History and Planning: PB 2016 | Date: February 2015 | |
|---|---|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1 | P-1 Line Item Number / Title: 0442 / MQ-4 TRITON | Item Number / Title [DODIC]: |

| L | | | | | | | | | - | | | |
|---|------------------------------------|------|---|-----------------|-----------------|----------|----------|--------|--------------|-------|-----------|----------|
| ſ | | 0 | | Method/Type | | | Date | | | Specs | Date | RFP |
| | | С | | or | | Award | of First | Qtv | Unit Cost | Avail | Revision | Issue |
| | Cost Elements | O FY | Contractor and Location | Funding Vehicle | Location of PCO | Date | Delivery | (Each) | (\$ K) | Now? | Available | Date |
| | 1.1.1) Airframe/CFE ^(†) | 2016 | Northrop Grumman / Rancho Bernardo, CA | SS / FPIF | NAVAIR | Jan 2016 | Jan 2018 | | 3 60,503.667 | Y | | Sep 2014 |

^(†) indicates the presence of a P-21

LI 0442 - MQ-4 TRITON Navy

| Ex | nibit F | P-21, Pr | oduct | ion Sc | hedu | le: PE | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | e: Feb | oruary | 2015 | 5 | | | |
|------|-------------------------|---------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|-------------|-------------|-------------|-------------|
| - | propr 06N / 0 | iation / 04 / 1 | Budg | et Acti | vity / | Budg | get Sı | ub Ac | tivity | : | | Line 12 / M | | | | Title: | | | | | | | | Nun RQ-4 | | Title | [DOI |)IC]: | | |
| | | | lements in Each) | | | | | | | | Fiscal Y | ear 2016 | 1 | | | | | | | | | | Fiscal Y | ear 2017 | | | | | | |
| | _ | ACCEPT | | | | | | | | (| Calendar | Year 201 | 16 | | | | | | | | Caler | ndar Year | r 2017 | | | | | | | |
| 0 0 | = ? | SERVICE | PROC QTY | PRIOR TO 1 OCT 2015 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N U | J J | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J U L | A U G | S E P | B A L |
| 1.1. | I) Airframe | e/CFE ⁽¹⁾ | | ' | | | | | | | | | | | | | , | | | | | | , | | | | , | | | |
| - [- | 2016 | NAVY | 3 | - | 3 | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 3 |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N U | J U L | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | J U L | A U G | S E P | B A L |

| Ex | thil | oit F | P-21, Pr | oduct | ion Sc | hedul | le: PE | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | e: Fel | oruary | 2015 | 5 | | | |
|-----|-------|---------|----------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------|--------|-------------|-------------|---|
| | | | iation / 04 / 1 | Budge | et Acti | vity / | Budç | get Si | ub Ac | tivity | : | 1 | Line 42 / M | | | | Title: | | | | | | | | Nun RQ-4 | iber / UAV | Title | [DOI | DIC]: | | |
| | | | | lements in Each) | | | | | | | | Fiscal Y | ear 2018 | | | | | | | | | | | Fiscal Y | ear 2019 | | | | | | |
| | | ACCEPT | | | | | | | | | C | alendar | Year 201 | 8 | | | | | | | | Cale | ndar Year | r 2019 | | | | | | | |
| 0 0 | | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2017 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U | A U G | S E P | |
| 1.1 | .1) A | irframe | e/CFE ⁽¹⁾ | | | | | | | | | | | | | | | | | | | | | | | | | | , | | |
| | 1 | 2016 | NAVY | 3 | - | 3 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | | _ | | | | | | | | | | | T |
| _ | , | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U | J J | A U G | S E P | I |

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 04 / 1 | 0442 / MQ-4 TRITON | 1 / RQ-4 UAV |

| | | Produ | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|----------|---------------------------|--------------|-------------------|--------------|-----------------------|--------------------|---------|----------------------|-----------------------|--------------------|---------|----------------------|
| MFR | | | | | | Init | ial | | | Reo | rder | |
| Ref # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfa PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 |
| 1 | Northrop Grumman - Rancho | | | | | | 3 | | | 7 | U | |
| | Bernardo, CA | 3 | 6 | 12 | 12 | 4 | 24 | 28 | 12 | 4 | 24 | 28 |

[&]quot;A" in the Delivery Schedule indicates the Contract Award Date.

Navy

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).

UNCLASSIFIED LI 0442 - MQ-4 TRITON Page 8 of 8 P-1 Line #23

Volume 1 - 196

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0442 / MQ-4 TRITON

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 373

Item MDAP/MAIS Code(s):

| Ellic Roll MDAI /MAIO COde: 070 | Itom MD | AI MIAIO OOC | 10(3). | | | | | | | | | |
|---|---------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|
| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Gross/Weapon System Cost (\$ in Millions) | - | - | 67.670 | 54.577 | - | 54.577 | 74.152 | 75.560 | 76.796 | 78.459 | 973.840 | 1,401.054 |
| Net Procurement (P1) (\$ in Millions) | - | - | 67.670 | 54.577 | - | 54.577 | 74.152 | 75.560 | 76.796 | 78.459 | 973.840 | 1,401.054 |
| Total Obligation Authority (\$ in Millions) | - | - | 67.670 | 54.577 | - | 54.577 | 74.152 | 75.560 | 76.796 | 78.459 | 973.840 | 1,401.054 |

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.

 LI 0442 - MQ-4 TRITON
 UNCLASSIFIED

 Navy
 Page 1 of 4
 P-1 Line #24

 Volume 1 - 197

Exhibit P-40, Advance Procurement Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft 0442 / MQ-4 TRITON

Program Elements for Code B Items: Other Related Program Elements:

Line Item MDAP/MAIS Code: 373 Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|----------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) |
| 1 / RQ-4 UAV | P-10 | | -/ - | -/ - | - / 67.670 | - / 54.577 | -/ - | - / 54.577 |
| Total Gross/Weapon System Cost | | | -1 - | -1 - | - / 67.670 | - / 54.577 | -1 - | - / 54.577 |

^{*}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.

Justification:

Basis for FY 2016 Budget Request: FY16 requests Advanced Procurement to support long lead requirements for three FY17 Low Rate Initial Production MQ-4C Triton Unmanned Air Systems.

 LI 0442 - MQ-4 TRITON
 UNCLASSIFIED

 Navy
 Page 2 of 4
 P-1 Line #24

 Volume 1 - 198

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

| Exhibit P-10, Advance Procurem | ent Requirer | nents Analysis | (page 1 | - Budget Funding Just | tificatio | n): PB 2016 Navy | Date: F | ebruary 20 |)15 | |
|--|--------------------------|-------------------------|------------|------------------------------------|-----------|----------------------------------|--------------------------|-----------------------|-------------------|--------|
| Appropriation / Budget Activity / 1506N / 04 / 1 | Budget Sub | Activity: | _ | Item Number / Title: Q-4 TRITON | | | P-5 Nu 1 / RQ- | mber / Title 4 UAV | e: | |
| First System (2016) Award Date: January 2016 | First Syst January 20 | em (2016) Comple 018 | tion Date: | | | Interval Between Sy 12 Months | stems: | | | |
| RQ-4 UAV | | Production Le | | Prior Years (Each) | | FY 2014 (Each) | FY 20 (Each | | FY 2016 (Each) | |
| Quantity | | | | - | | - | | - | | 3 |
| Cost Element | | When Ro | • | Prior Years (\$ M) | | FY 2014 (\$ M) | FY 20 (\$ M) | | FY 2016 (\$ M) | |
| CFE | | | | | | | | | | |
| CFE - Airframe T.L. | | | 0 | - | | - | | 67.670 | | 54.577 |
| Total: CFE | | | | - | | - | | 67.670 | | 54.577 |
| Total Advance Procurement/Obligation A | uthority | | | - | | - | | 67.670 | | 54.577 |

| Exhibit P-10, Advance Procurement Requirements Analy | sis (page 2 - B | Budget Funding . | Justification): | PB 2016 Navy | Date: Febr | uary 2015 | |
|---|---------------------------------|------------------------------------|-----------------|---------------------------|-------------------------------|-----------|---------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1 | P-1 Line Ite 0442 / MQ-4 | em Number / Titl 4 TRITON | e: | | P-5 Numb 1 / RQ-4 U | | |
| | | | | FY 20 | 016 | | |
| Cost Elements | QPA (Each) | Production Leadtime (Months) | Unit Cost | Contract Forecast Date | 2016 Qty (Each) | For FY | Total Cost Request (\$ M) |
| CFE | | | | | | | |
| CFE - Airframe T.L. | - | | | | | | 54.577 |
| Total: CFE | | | | | | | 54.577 |
| Total Advance Procurement/Obligation Authority | | | | | | | 54.577 |

Description:

The MQ-4C Triton Advance Procurement (AP) funding will be used to procure long lead CFE material for subsystems 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.

 LI 0442 - MQ-4 TRITON
 UNCLASSIFIED

 Navy
 Page 4 of 4
 P-1 Line #24

 Volume 1 - 200

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0443 / MQ-8 UAV

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

Line Item MDAP/MAIS Code: 253 | Item MDAP/MAIS Code(s):

| | Prior | | | FY 2016 | FY 2016 | FY 2016 | | | | | То | |
|---|---------------|------------------|-------------------|------------------|------------------|----------------|-----------------|----------------|------------|------------|------------|------------|
| Resource Summary | Years | FY 2014 | FY 2015 | Base | oco | Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | Complete | Total |
| Procurement Quantity (Units in Each) | 38 | 2 | 5 | 2 | - | 2 | 2 | 2 | 2 | 2 | 9 | 64 |
| Gross/Weapon System Cost (\$ in Millions) | 620.548 | 74.080 | 109.663 | 120.020 | - | 120.020 | 98.501 | 88.670 | 97.363 | 84.345 | 342.226 | 1,635.416 |
| Less PY Advance Procurement (\$ in Millions) | - | - | = | = | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 620.548 | 74.080 | 109.663 | 120.020 | - | 120.020 | 98.501 | 88.670 | 97.363 | 84.345 | 342.226 | 1,635.416 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 620.548 | 74.080 | 109.663 | 120.020 | - | 120.020 | 98.501 | 88.670 | 97.363 | 84.345 | 342.226 | 1,635.416 |
| (The following | Resource Sumi | mary rows are fo | r informational p | urposes only. Th | ne corresponding | budget request | s are documente | ed elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | 12.261 | 12.573 | - | - | - | - | - | - | - | 83.457 | 108.291 |
| Flyaway Unit Cost (\$ in Thousands) | 13,715.211 | 28,078.000 | 14,867.400 | 29,925.500 | - | 29,925.500 | 28,629.000 | 30,850.500 | 29,022.500 | 29,467.500 | 23,484.778 | 18,106.625 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 16,330.211 | 37,040.000 | 21,932.600 | 60,010.000 | - | 60,010.000 | 49,250.500 | 44,335.000 | 48,681.500 | 42,172.500 | 38,025.111 | 25,553.375 |

Description:

The MQ-8 Fire Scout Unmanned Air System (popular name "Fire Scout") program went through a Title 10 Section 2433 (Nunn-McCurdy Breach) review in 2014 due to a unit cost breach. The Department certified a restructured program to Congress on 16 June 2014. The restructured program that was certified includes MQ-8B air vehicles procured under the original program of record, MQ-8C air vehicles procured under the Department of the Navy's Rapid Deployment Capability (RDC) procurement process, and an additional 21 MQ-8C air vehicles to be procured to complete the program Fleet requirements of 70 air vehicles (61 procurement and 9 RDT&E), and associated Mission Control Stations (MCS), Unmanned Aerial Vehicle Common Automatic Recovery Systems (UCARS) and support equipment. The restructured program also includes the endurance upgrade, radar, and weapons capabilities, such as those developed under the Navy's RDC authorities. All acquisition actions previously planned under the RDCs have transitioned into the restructured program of record.

The MQ-8B based system had an approved Milestone C (MS C) in May 2007. The Nunn-McCurdy certification process revoked the MS C approval. MS C for the restructured MQ-8 program is currently scheduled in the 2QFY16.

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

A deployed MQ-8 system is comprised of: air vehicle(s), payloads (i.e. electro-optical/infra-red/laser designator-range finder, Automated Identification System, communications relay, radar, weapons, and other specialty payloads), MCS (with TCS and TCDL integrated for interoperability), a UCARS for automatic take-off and landings, and associated spares and support equipment. A limited number of land-based mission control stations supplement the shipboard systems to support shore based operations, such as pre-deployment or acceptance functional check flights. These land based mission control stations will also support depot level maintenance/post-maintenance activities.

Training devices will be procured for pre-deployment, proficiency, and maintenance training. Non-Recurring efforts include Diminishing Manufacturing Sources and Material Shortages (DMSMS), evaluation and studies on system obsolescence and replacement, and Engineering Change Proposals focused on performance and supportability requirements identified during testing and deployments. In addition, specialty payloads and communications equipment may be procured in support of deployment requirements.

LI 0443 - MQ-8 UAV

Navy

Page 1 of 11

P-1 Line #25

Volume 1 - 201

| Exhibit P-40, Budget Line Item Justification: | PB 2016 Navy | | Date: February 2015 |
|--|---|--|--|
| Appropriation / Budget Activity / Budget Sul | | | Number / Title: |
| 1506N: Aircraft Procurement, Navy / BA 04: Otl | her Aircraft / BSA 1: Other Aircraft | 0443 / MQ-8 U | JAV |
| ID Code (A=Service Ready, B=Not Service Ready) : A | Program Elements for Code B | Items: | Other Related Program Elements: |
| | P/MAIS Code(s): | | |
| MQ-8 systems will support missions on suitably equipped requirements. | air capable ships, including the Littoral Comba | at Ship (LCS). Quant | tities of air vehicles derived from bona fide need of air capable ship deployment |
| Note 1: Controls locked prior to updating the "To Complet Procurement, and Total Obligation Authority should read \$ | e" column for actual cost and quantities. In or 322.199. The "To Complete" Procurement Q | rder to reflect the corr uantity should be 6 fo | rect Program funding profile, the "To Complete" Gross/Weapon System Cost, Net or a total Procurement quantity of 61. |
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LI 0443 - MQ-8 UAV
Navy

UNCLASSIFIED
P-1 Line #25

Volume 1 - 202

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0443 / MQ-8 UAV

ID Code (A=Service Ready, B=Not Service Ready) : A

Program Elements for Code B Items:

Other Related Program Elements:

Line Item MDAP/MAIS Code: 253 Item MDAP/MAIS Code(s):

| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--------------------------------|-----------------|----------|--|--|--|--|--|--|
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / MQ-8 UAV | P-5, P-5a, P-21 | | 38 / 620.548 | 2 / 74.080 | 5 / 109.663 | 2 / 120.020 | - / - | 2 / 120.020 |
| Total Gross/Weapon System Cost | | | 38 / 620.548 | 2 / 74.080 | 5 / 109.663 | 2 / 120.020 | - 1 - | 2 / 120.020 |

^{*}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.

Justification:

Navy

Basis for FY16 budget request: Fully funds 2 MQ-8 air vehicles; ancillary equipment such as Mission Control Station (MCS), UCARs, special payloads, and shipboard TCDL systems; Peculiar Training Equipment; Peculiar support equipment for airframe and avionics requirements; Production engineering support for production line technology insertion; and logistics production reach back, depot standup, technical publications, and government logistics support requirements necessary to field the MQ-8 system. The Peculiar Training increase supports procurement of a MQ-8 Mission Systems Trainer (MST), MQ-8C Composite Maintenance Trainer (CMT), MQ-8C Avionics Maintenance Trainer (AMT), MQ-8 MCS Maintenance Trainer, Proficiency Training Devices, Courseware (Operator End State, Maintenance, and MCS), and associated training support in order to meet Fleet training throughput requirements.

UNCLASSIFIED LI 0443 - MQ-8 UAV Volume 1 - 203 Page 3 of 11 P-1 Line #25

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

Exhibit P-5, Cost Analysis: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 04 / 1

Date: February 2015

Item Number / Title [DODIC]:
1 / MQ-8 UAV

| ID Code (A=Service Ready, B=Not Service Ready) : | | N | DAP/MAIS Code: | | | |
|--|-------------------------------|------------------------|-----------------------------|--------------|-------------|---------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Procurement Quantity (Units in Each) | 38 | | 2 5 | 2 | - | 2 |
| Gross/Weapon System Cost (\$ in Millions) | 620.548 | 74.08 | 109.663 | 120.020 | - | 120.020 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 620.548 | 74.08 | 109.663 | 120.020 | - | 120.020 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 620.548 | 74.08 | 109.663 | 120.020 | - | 120.020 |
| (The following Resource Summary rows are for information | onal purposes only. The corre | esponding budget reque | sts are documented elsewher | re.) | | 3 |
| Initial Spares (\$ in Millions) | - | 12.26 | 12.573 | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 16.330.211 | 37.040.00 | 21.932.600 | 60.010.000 | _ | 60.010.000 |

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding

| | Pi | rior Years | | | FY 2014 | | | FY 2015 | | FY | ' 2016 Bas | e | FY | 2016 OC | 0 | FY | 2016 Tota | al |
|--|-----------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | , | | , | ' | | | | | | | | ' | | |
| Recurring Cost | | | | | | | | | | | | | | | | | _ | |
| 1.1.1) Airframe/CFE ^(†) | 9,299.000 | 38 | 353.362 | 12,580.000 | 2 | 25.160 | 8,637.250 | 5 | 43.186 | 16,990.000 | 2 | 33.980 | - | - | - | 16,990.000 | 2 | 33.9 |
| 1.1.2) GFE Electronics | - | - | 47.786 | - | - | 8.692 | - | - | 22.145 | - | - | 9.077 | - | - | - | - | - | 9.0 |
| 1.1.3) Rec Flyaway ECO | - | - | 4.263 | - | - | 0.429 | - | - | 0.423 | - | - | 1.154 | - | - | - | - | - | 1.1 |
| Subtotal: Recurring Cost | - | - | 405.411 | - | - | 34.281 | - | - | 65.754 | - | - | 44.211 | - | - | - | - | - | 44.2 |
| Non Recurring Cost | | | | | | | • | | | | | | | | | | | |
| 1.2.1) Non-Recur Cost | - | - | 17.072 | - | - | 2.577 | - | - | - | - | - | 2.227 | - | - | - | - | - | 2.2 |
| 1.2.2) Ancillary Equipment | - | - | 98.695 | - | - | 19.298 | - | - | 8.583 | - | - | 13.413 | - | - | - | - | - | 13.4 |
| Subtotal: Non Recurring Cost | - | - | 115.767 | - | - | 21.875 | - | - | 8.583 | - | - | 15.640 | - | - | - | - | - | 15.6 |
| Subtotal: Flyaway Cost | - | - | 521.178 | - | - | 56.156 | - | - | 74.337 | - | - | 59.851 | - | - | - | - | - | 59.8 |
| Support Cost | | • | | | | | • | | | | | | | | | | · | |
| 2.1) Airframe PGSE | - | - | 4.936 | - | - | 2.350 | - | - | 3.631 | - | - | 5.805 | - | - | - | - | - | 5.8 |
| 2.2) Avionics PGSE | - | - | - | - | - | 1.514 | - | - | 0.320 | - | - | 0.320 | - | - | - | - | - | 0.3 |
| 2.3) Peculiar Training Equipment | - | - | 14.477 | - | - | 0.843 | - | - | 11.861 | - | - | 31.770 | - | - | - | - | - | 31.7 |
| 2.4) Pubs/Tech Equipment | - | - | 1.277 | - | - | 0.127 | - | - | 2.149 | - | - | 2.179 | - | - | - | - | - | 2.1 |
| 2.5) Production Engineering Support | - | - | 58.170 | - | - | 10.105 | - | - | 9.266 | - | - | 11.741 | - | - | - | - | - | 11.7 |
| 2.6) Other ILS Support | - | - | 20.510 | - | - | 2.985 | - | - | 8.099 | - | _ | 8.354 | - | _ | - | _ | _ | 8.3 |

LI 0443 - MQ-8 UAV Navy UNCLASSIFIED
Page 4 of 11

P-1 Line #25

Volume 1 - 204

Exhibit P-5, Cost Analysis: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:

1506N / 04 / 1

Date: February 2015

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 add, due to rounding.

| | Р | rior Years | \$ | | FY 2014 | | | FY 2015 | | FY | 2016 Bas | se | F | / 2016 OC | 0 | FY | / 2016 Tot | al |
|-----------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|----------------------|-------------------------|------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Subtotal: Support Cost | - | - | 99.370 | - | - | 17.924 | - | - | 35.326 | - | - | 60.169 | - | - | - | - | - | 60.169 |
| Gross/Weapon System Cost | 16,330.211 | 38 | 620.548 | 37,040.000 | 2 | 74.080 | 21,932.600 | 5 | 109.663 | 60,010.000 | 2 | 120.020 | - | - | - | 60,010.000 | 2 | 120.020 |

Remarks:

All current and future year air vehicle production is MQ-8C airframes.

The FY14 Airframe CFE unit cost reflects a FY13/FY14 consolidated procurement of 5 air vehicles.

Summary of the FY16-FY20 increase from PB15:

Provides MQ-8 air vehicles, ancillary equipment which includes Mission Control Station (MCS), UCARs, special payloads, and shipboard TCDL systems; 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 ILS includes production reach back, depot standup, and government logistics support requirements necessary to field the MQ-8 system.

The Ancillary Equipment increase results from procurement of Mission Control Station (MCS) equipment to align with LCS delivery requirements and support MCS integration for Special Operations Command requirements.

The Airframe CFE unit cost increase results from procurement quantities being below a minimum sustaining rate production profile.

The Airframe PGSE increase results from procurement of MQ-8C air vehicle support equipment to support FY17 deployment requirements. Timeline supports delivery lead-time for integration, maintenance planning, and shipboard familiarization.

The Peculiar Training Equipment increase results from the transition of MQ-8C into the program requiring procurement of multiple Trainers and Courseware requirements to meet Fleet requirements. The FY16 procurement includes a MQ-8 Mission Systems Trainer (MST) (3 of 3), MQ-8C Composite Maintenance Trainer (CMT), MQ-8C Avionics Maintenance Trainer (AMT), MQ-8 MCS Maintenance Trainer, Proficiency Training Devices, Courseware (Operator End State, Maintenance, and MCS), and associated training support.

The Production Engineering Support increase results from government engineering and technical support required to initiate planning and integration requirements for endurance upgrade, radar, and weapons capabilities in future production lots.

(†) indicates the presence of a P-5a

UNCLASSIFIED
Page 5 of 11

| Exhibit P-5a, Procurement History and Planning: PB 2016 N | lavy | Date: February 2015 |
|---|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 04 / 1 | 0443 / MQ-8 UAV | 1 / MQ-8 UAV |

| Cost Elements | 0 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Revision | RFP Issue Date |
|------------------------------------|-----|------|----------------------------------|--------------------------------------|-----------------|---------------|------------------------------|----------------------|------------|------------------------|----------|----------------------|
| 1.1.1) Airframe/CFE ^(†) | | 2012 | Northrop Grumman (1) / San Diego | SS / CPIF | NAVAIR | Apr 2012 | Feb 2015 | 10 | 11,713.800 | Y | | Aug 2011 |
| 1.1.1) Airframe/CFE ^(†) | | 2013 | Northrop Grumman (1) / San Diego | SS / CPIF | NAVAIR | May 2013 | Sep 2015 | 5 | 9,983.800 | Y | | May 2012 |
| 1.1.1) Airframe/CFE ^(†) | | 2014 | Northrop Grumman (1) / San Diego | SS / CPIF | NAVAIR | Mar 2014 | Feb 2016 | 1 | 17,634.000 | Y | | May 2013 |
| 1.1.1) Airframe/CFE ^(†) | 1 | 2014 | Northrop Grumman (1) / San Diego | SS / CPIF | NAVAIR | Mar 2014 | Feb 2016 | 1 | 7,526.000 | Υ | | May 2013 |
| 1.1.1) Airframe/CFE ^(†) | 1 | 2015 | Northrop Grumman (1) / San Diego | SS / CPIF | NAVAIR | Mar 2015 | May 2017 | 5 | 8,637.250 | Υ | | Jul 2014 |
| 1.1.1) Airframe/CFE ^(†) | | 2016 | Northrop Grumman (1) / San Diego | SS / FPIF | NAVAIR | Mar 2016 | May 2018 | 2 | 16,990.000 | Y | | Nov 2015 |

^(†) indicates the presence of a P-21

Footnotes:

LI 0443 - MQ-8 UAV
Navy

UNCLASSIFIED
P-1 Line #25

Volume 1 - 206

⁽¹⁾ Current production rate of 2 air vehicles per year is below MSR increasing unit cost. The current production rate is tied to bona fide need of air vehicles to support LCS.

| Ev | h:h:4 | D 24 D | | ion Co | bodul | la. Di | 2 204 | 6 No | n., | | | | | | | | | | | | | | Dote | v Eak | oruor. | , 2015 | | | | |
|------|-----------|-------------------------------|------------------------|--|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|--------------------------|-------------|-------------|-------------|-------------|-------------|
| Αp | prop | P-21, Poriation / 1 04 / 1 | | | | | | | - | : | | Line 13 / M | | | ber / | Title: | | | _ | | | | Item | | oruary n ber / | | | DIC]: | | |
| | | Cost | Elements s in Each) | | | | | | | | | ear 2012 | | | | | | | | | | | Fiscal Y | | | | | | | |
| 0 C | F R | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2011 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | Year 201 J U L | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | Caler A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1.1. | 1) Airfra | me/CFE | | | | | | | | | | | | | | I | l | | | | I | | | | | l | | | | |
| Prio | | Deliveries: 23 | | | | | | | | , | | | | | | | | | | | | | | | | | | | | _ |
| | 201 | 2 NAVY | 10 ⁽²⁾ | - | 10 | | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 201 | 3 NAVY | 5 ⁽³⁾ | - | 5 | | | | | | | | | | | | | | | | | | | | A - | - | - | - | - | |
| - | 201 | 4 NAVY | 1 (4) | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1 201 | 4 NAVY | 1 (5) | - | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1 201 | 5 NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 201 | 6 NAVY | 2 | - | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | n n | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N J | J J | A U G | S E P | B A |

LI 0443 - MQ-8 UAV Navy UNCLASSIFIED
Page 7 of 11

| Ex | hibit | P-21, Pr | oducti | on Sc | hedul | e: PE | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | : Feb | ruary | 2015 | ı | | | |
|------|------------|---------------------|---------------------|--|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|-------------------------|-------------|------|-------------|-------------|-----|
| | | riation / 04 / 1 | Budge | et Acti | vity / | Budg | get Sı | ub Ac | tivity | : | | Line 43 / M | | - | ber / | Title: | | | | | | | | Num | | Title | [DOD | IC]: | | |
| | | | lements in Each) | | | | | | , | | Fiscal Y | ear 2014 | | | | | | | | | | | Fiscal Ye | ar 2015 | | | | | | |
| 0 1 | F R | SERVICE | PROC QTY | ACCEPT PRIOR TO 1 OCT 2013 | BAL DUE AS OF 1 OCT | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | Year 201 J U | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | Calen A P R | dar Year M A Y | J U N | J | A U G | S E P | B |
| - | 1) Airfram | | 4 | | | | | | 1 | | | 1 | | | _ | | | | | _ | 1 | | | | - | | | | | |
| Prio | r Years D | eliveries: 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | _ |
| 1 | 1 2012 | NAVY | 10 ⁽²⁾ | - | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 2 | 3 | | |
| 1 | 1 2013 | NAVY | 5 (3) | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | |
| 1 | 1 2014 | NAVY | 1 (4) | - | 1 | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | T |
| 1 | 1 2014 | NAVY | 1 (5) | - | 1 | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 | 1 2015 | NAVY | 5 | - | 5 | | | | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | |
| 1 | 1 2016 | NAVY | 2 | - | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 0 C | N O V | D E C | J A N | F E B | M A R | A P R | M A | N N | n 1 | A U G | S E P | 0 C | N O V | D E C | J A N | F E B | M A R | A P R | M A | J U | J | A U G | S E P | E A |

LI 0443 - MQ-8 UAV Navy UNCLASSIFIED
Page 8 of 11

| | | | | | | | | | | | | | | UN | ICLA | ASSI | FIED |) | | | | | | | | | | | | | |
|----------|-----------|-------|------------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-----------------------|-------------|-------------|-------------|-------------|-------------|
| Ех | chibi | it P | 2-21, Pro | oducti | on Sc | hedu | le: PE | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | e: Fel | oruary | 2015 | 5 | | | |
| | | | i ation / 1 04 / 1 | Budge | et Acti | vity / | Budg | get Si | Jb Ac | ctivity | ': | - 1 | I Line 43 / M | | | ber / | Title: | | | | | | | | Nun ∕1Q-8 | n ber / UAV | Title | [DOI | OIC]: | | |
| | | | | lements in Each) | | | | | | | | Fiscal \ | Year 2016 | · | | | | | | | | | | Fiscal Y | ear 2017 | , | | | | | |
| | м | | | | ACCEPT | | | | | | | | | (| Calendar | Year 201 | 16 | | | | | | | | Cale | ndar Year | 2017 | | | | |
| 0 0 | F R | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2015 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| \vdash | .1) Airfr | | | | | | | | | | | - | | | | | | | | | | l | | | | | | | | | |
| Pri | or Year | rs De | liveries: 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 20 | 012 | NAVY | 10 ⁽²⁾ | 10 | - | | | | | | | | | | | | | | | | | | | | | | | | | - |
| | 1 20 | 013 | NAVY | 5 ⁽³⁾ | 1 | 4 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | 1 | - |
| | 1 20 | 014 | NAVY | 1 (4) | - | 1 | - | - | - | - | 1 | | | | | | | | | | | | | | | | | | | | - |
| 1 | 1 20 | 014 | NAVY | 1 (5) | - | 1 | - | - | - | - | 1 | | | | | | | | | | | | | | | | | | | | - |
| 1 | 1 20 | 015 | NAVY | 5 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | |
| | 1 20 | 016 | NAVY | 2 | - | 2 | | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

LI 0443 - MQ-8 UAV Navy UNCLASSIFIED
Page 9 of 11

| (Ur. | 1 Cost Elements (Units in Each) ACC PRI TO PROC OCIVICE QTY 20: | EPT OR BAL DUE | O N C C T V | D E | tivity: | F | 044 Fiscal Y | Line 13 / M Year 2018 | IQ-8 (| - | | | | | | | | | | Num Q-8 U | | Title | [DOI | DIC]: | |
|---|--|-----------------------------|-------------------|--------|-------------|-------------|-----------------|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|
| (Ur. M | (Units in Each) ACC PRI PROC OC QTY 20: | OR BAL 1 DUE CT AS OF | c c | E | | F | | /ear 2018 | | Calenda | r Voor 20 | | | | | | | | Fiscal Ye | ar 2019 | | | | | |
| D | PROC OC O | OR BAL 1 DUE CT AS OF | c c | E | | | | 1 | (| Calendai | . Voor 20 | | | | | | | | | | | | | | |
| 0 F C R FY SERVIC 1.1.1) Airframe/CFE Prior Years Deliveries: 2 1 2012 NAVY 1 2013 NAVY | PROC QTY 200 | 1 DUE T AS OF | c c | E | | | | | | | i ieai zu | 18 | | | | | | | | Calend | dar Year | 2019 | | | |
| 1 2013 NAVY | es: 23 | | | | IN I | E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P |
| 1 2012 NAVY 1 2013 NAVY | | | | | | ı | | 1 | | | | I | ļ. | | | | | | | | | | l | | |
| 1 2013 NAVY | Y 10 (2) | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10 - | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2014 NAVY | Y 5 ⁽³⁾ | 5 - | | | | | | | | | | | | | | | | | | | | | | | |
| | Y 1 (4) | 1 - | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ 1 2014 NAVY | Y 1 ⁽⁵⁾ | 1 - | | | | | | | | | | | | | | | | | | | | | | | |
| ✓ 1 2015 NAVY | Y 5 | 2 3 | 1 | . 1 | - | 1 | | | | | | | | | | | | | | | | | | | |
| 1 2016 NAVY | Y 2 | - 2 | - | - | - | - | - | - | 1 | - | - | 1 | | | | | | | | | | | | | |
| | | | O N C C T V | E | J A N | F E B | M A R | A P R | M A Y | J U | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | n n | A U G | S E P |

LI 0443 - MQ-8 UAV Navy UNCLASSIFIED
Page 10 of 11

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 04 / 1 | 0443 / MQ-8 UAV | 1 / MQ-8 UAV |

| | | Produ | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|-----|--|--------------|-------------------|--------------|----------------|-------------|---------|----------------|-----------------|-------------|---------|-------------|
| MFR | } | | | | | Ini | ial | | | Reo | rder | |
| Ref | | | | | ALT | ALT | | Total | ALT | ALT | | Total |
| # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 |
| 1 | Northrop Grumman ⁽¹⁾ - San Diego | 6 | 10 | 33 | - | - | - | - | 5 | 5 | 24 | 29 |

[&]quot;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 in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand). If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:

- (1) Current production rate of 2 air vehicles per year is below MSR increasing unit cost. The current production rate is tied to bona fide need of air vehicles to support LCS.
- (2) Program changed delivery schedule due to consolidated FY12 and partial FY13 procurement.
- (3) Program changed delivery schedule due to a consolidated FY12 and partial FY13 procurement.
- $^{(4)}$ Program changed delivery schedule due to a consolidated FY13/FY14 procurement.
- (5) Program changed delivery schedule due to a consolidated FY13/FY14 procurement.

LI 0443 - MQ-8 UAV
Navy

Page 11 of 11

P-1 Line #25

Volume 1 - 211



Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0444 / STUASLO

| ID Code (A=Service Ready, B=Not Service Ready) : | A | | Program Elei | ments for Co | de B Items: | | | Other Relate | d Program El | ements: 0305 | 5234N, 0305239 | M |
|--|----------------|-----------------|--------------------|------------------|------------------|------------------|--------------|----------------|--------------|---------------------|----------------|---------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | To Complete | Total |
| Procurement Quantity (Units in Each) | 60 | - | 3 | - | 3 | 3 | - | - | - | - | - | 66 |
| Gross/Weapon System Cost (\$ in Millions) | 28.200 | - | 55.000 | 3.450 | 55.000 | 58.450 | - | 1.950 | - | - | - | 143.600 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 28.200 | - | 55.000 | 3.450 | 55.000 | 58.450 | - | 1.950 | - | - | - | 143.600 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 28.200 | - | 55.000 | 3.450 | 55.000 | 58.450 | - | 1.950 | - | - | - | 143.600 |
| (The following | Resource Sumi | mary rows are f | or informational p | urposes only. Th | ne corresponding | budget requests | are document | ed elsewhere.) | | | | |
| Initial Spares (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Flyaway Unit Cost (\$ in Dollars) | 470,000.00 | - | 17,682K | - | 17,517K | 18,667K | - | - | - | - | - | 2,109K |
| Gross/Weapon System Unit Cost (\$ in Dollars) | - | - | - | - | - | - | - | - | - | - | - | - |

Description:

The RQ-21A BLACKJACK (formerly known as The Small Tactical Unmanned Aircraft System (STUAS)) 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.

Prior Year Inactive Funding:

Prior year funding was associated with Naval Special Warfare (NSW) Scan Eagle procurement. No prior year funding was associated with RQ-21A procurement. The Scan Eagle system provides near real-time reconnaissance, surveillance and target detection/identification for Naval Special Warfare (NSW), USN and other coalition forces; providing tactical commanders with Reconnaissance, Surveillance, Target Acquisition (RSTA), Battle Damage Assessment (BDA), and battlefield capabilities. Scan Eagle is not a program of record.

A Scan Eagle system consists of twelve (12) air vehicles, Ground Control Station(s) GCSs and associated launch and recovery equipment.

LI 0444 - STUASLO

Navy

Page 1 of 8

P-1 Line #26

Volume 1 - 213

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0444 / STUASLO

| ID Code (A=Service Ready, B=Not Service Ready) : A | Pro | gran | n Elements for Code | B Items: | Oth | er Related Program I | Elements: 0305234N, | 0305239M |
|--|-----------------|----------|--|--|--|--|--|--|
| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cost (Each) I (\$ M) |
| 1 / RQ-21A Blackjack | P-5, P-5a, P-21 | | 60 / 28.200 | - / - | 3 / 55.000 | - / 3.450 | 3 / 55.000 | 3 / 58.450 |
| Total Gross/Weapon System Cost | | | 60 / 28.200 | - / - | 3 / 55.000 | - / 3.450 | 3 / 55.000 | 3 / 58.450 |

*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 add due to rounding.

Justification:

FY2016 Base Appropriation Reguest: \$3.450M

FY2016 will procure one (1) RQ-21A Ship installation aboard Afloat Forward Staging Base (AFSB) Mobile Landing Platform (MLP)-3.

OCO:

FY2015 Overseas Contingency Operations (OCO) request: \$55.000M, in support of Operation Inherent Resolve (OIR).

FY2015 OCO funding is required to procure three (3) RQ-21A systems with associated ancillary equipment, and interim contractor support (ICS) for use in OIR against the Islamic State of Iraq and Levant (ISIL).

FY2016 Overseas Contingency Operations (OCO) request: \$55.000M, for operations against the Islamic State of Iraq and Levant (ISIL) under Operation Inherent Resolve (OIR).

FY2016 OCO funding is required to procure three (3) RQ-21A systems with associated ancillary equipment, and interim contractor support (ICS) for use in OIR against the Islamic State of Iraq and Levant (ISIL).

Inactive

Scan Eagle:

FY2011 OCO funds (\$28.2M) procured sixty (60) Scan Eagle Air Vehicles, Ground Control Stations, launch and recovery units, and associated support equipment.

* Scan Eagle systems procured with FY2011 APN funds received via Prior Approval Reprogramming Action.

LI 0444 - STUASLO
Navy
Page 2 of 8
P-1 Line #26
Volume 1 - 214

Exhibit P-5, Cost Analysis: PB 2016 Navy

Appropriation / Budget Activity / Budget Sub Activity:
1506N / 04 / 1

Date: February 2015

Item Number / Title [DODIC]:
1 / RQ-21A Blackjack

MDAP/MAIS Code:

| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total |
|--|-----------------------------|---------------------------|---------------------------|--------------|-------------|---------------|
| Procurement Quantity (Units in Each) | 60 | - | 3 | - | 3 | 3 |
| Gross/Weapon System Cost (\$ in Millions) | 28.200 | - | 55.000 | 3.450 | 55.000 | 58.450 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 28.200 | - | 55.000 | 3.450 | 55.000 | 58.450 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 28.200 | - | 55.000 | 3.450 | 55.000 | 58.450 |
| (The following Resource Summary rows are for informati | onal purposes only. The cor | responding budget request | s are documented elsewher | re.) | | |
| Initial Spares (\$ in Millions) | - | - | - | - | - | - |
| Gross/Weapon System Unit Cost (\$ in Dollars) | 470,000.00 | - | 18,333K | - | 18,333K | 19,483K |

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

ID Code (A=Service Ready, B=Not Service Ready) :

| | P | rior Years | 3 | | FY 2014 | | | FY 2015 | | FY | 2016 Bas | se | FY | 2016 OC | 0 | FY | 2016 Tota | .al |
|--|------------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | ' | | | | | | | | | | | | | | | , | |
| Recurring Cost | _ | | | | | | | | | | | | | | | | | |
| 1.1.1) RQ-21A Systems ^{(†) (1)} | - | - | - | - | - | - | 11,422K | 3 | 34.266 | - | - | - | 11,440K | 3 | 34.320 | 11,440K | 3 | 34.32 |
| 1.1.2) Ancillary Equipment ⁽²⁾ | - | - | - | - | - | - | - | - | 3.186 | - | - | - | - | - | 3.246 | - | - | 3.24 |
| 1.1.3) Prior Year Scan Eagle Systems | 5,640K | 5 | 28.200 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Recurring Cost | - | - | 28.200 | - | - | - | - | - | 37.452 | - | - | - | - | - | 37.566 | - | - | 37.56 |
| Non Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.2.1) ICS ⁽³⁾ | - | - | - | - | - | - | - | - | 15.594 | - | - | - | - | - | 14.986 | - | - | 14.98 |
| 1.2.2) Ship Installation | - | - | - | - | - | - | - | - | - | - | - | 3.450 | - | - | - | - | - | 3.45 |
| Subtotal: Non Recurring Cost | - | - | - | - | - | - | - | - | 15.594 | - | - | 3.450 | - | - | 14.986 | - | - | 18.43 |
| Subtotal: Flyaway Cost | - | - | 28.200 | - | - | - | - | - | 53.046 | - | - | 3.450 | - | - | 52.552 | - | - | 56.00 |
| Support Cost | | | | | | | | | | | | | | | | | | |
| 2.1) Prod Eng Supt | - | - | - | - | - | - | - | - | 1.020 | - | - | - | - | - | 1.450 | - | - | 1.45 |
| 2.2) Other ILS | - | - | - | - | - | - | - | - | 0.934 | - | - | - | - | - | 0.998 | - | - | 0.99 |
| Subtotal: Support Cost | - | - | - | - | - | - | - | - | 1.954 | - | - | - | - | - | 2.448 | - | - | 2.44 |
| Gross/Weapon System Cost | 470,000.00 | 60 | 28.200 | - | - | - | 18,333K | 3 | 55.000 | - | - | 3.450 | 18,333K | 3 | 55.000 | 19,483K | 3 | 58.45 |

UNCLASSIFIED
Page 3 of 8

LI 0444 - STUASLO Navy

P-1 Line #26

Volume 1 - 215

| | UNCLASSIFIED | |
|--|--|--|
| Exhibit P-5, Cost Analysis: PB 2016 Navy | | Date: February 2015 |
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1 | P-1 Line Item Number / Title: 0444 / STUASLO | Item Number / Title [DODIC]: 1 / RQ-21A Blackjack |
| ID Code (A=Service Ready, B=Not Service Ready) : | MDAP/MAIS Code | 9: |
| (†) indicates the presence of a P-5a | | |
| Footnotes: (1) An RQ-21A system consists of five air vehicles, two ground control statio procured with an Electro Optical / Infrared Turret. Additional payloads are casystems are procured with associated peculiar support equipment. Peculiar shore power assemblies, AV scale system, and associated cabling. RQ-21A (2) Ancillary equipment includes all program procured equipment to support Device, Tactical Intelligence, Surveillance and Reconnaissance Processing Advanced GPS Receivers (DAGR), shelters, and PRC-117G/PRC-152A Ra (3) RQ-21 utilizes an Interim Contractor Support (ICS) strategy to sustain RC procurement appropriation prior to MSD. ICS includes logistics support for erepairables, and mobile training teams. ICS transitions to organic support in (4) Ship Installation includes the procurement of infrastructure hardware, equincludes directional and omni-directional antennas and amplifiers, antenna i operational system racks and cabinets and connectors. Labor associated w Manufacturer(OEM) post installation system integration test support. The program plans to conduct one ship install onboard to (SIDs) delivery. This NRE is not required for further ship installations onboard. | arried within the payload bay and include a communications in support equipment includes the AV fueling system, AV start in System unit costs reflect the fully burdened cost of a system a Navy RQ-21A system. This equipment may include, but in Exploitation and Dissemination System (TIPS), Wireless Condictions. Q-21A systems prior to Material Support Date (MSD) in accommunities and newly procured RQ-21A systems and funds pring FY18 after which logistics support for fielded systems will be build | relay package and automated identification system. Launch and recovery ter, battery charging station, transportation assemblies, cooling systems, m. Is not limited to: 35kw generators, 2kw generators, the Mission Training ommunication System, Wave Relay communications equipment, Defense ordance with Financial Management Regulations. ICS is funded within the contractor logistics support, field service representatives, repair of the funded with Operations and Maintenance, Navy (O&M,N) funding. Ship class installations in support of the RQ-21A program. Ship hardware TIPs), power distribution panels, associated cables, fiber optics lines, ation Team (AIT) conducting the installation and Original Equipment defor the Afloat Forward Staging Base (AFSB) Mobile Landing Platform |

UNCLASSIFIED LI 0444 - STUASLO Volume 1 - 216 Navy Page 4 of 8 P-1 Line #26

| Exhibit P-5a, Procurement History and Planning: PB 2016 | Navy | Date: February 2015 |
|---|---|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1 | P-1 Line Item Number / Title: 0444 / STUASLO | Item Number / Title [DODIC]: 1 / RQ-21A Blackjack |

| Cost Elements | 000 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Revision | RFP Issue Date |
|--------------------------------------|-----|------|---------------------------|--------------------------------------|----------------------------------|---------------|------------------------------|----------------------|-----------|------------------------|----------|----------------------|
| 1.1.1) RQ-21A Systems ^(†) | ✓ | 2015 | Insitu, Inc. / Bingen, WA | C / FPIF | NAVAIR HQ, Patuxent River, MD | Apr 2015 | Feb 2016 | | 3 11,422K | Y | | |
| 1.1.1) RQ-21A Systems ^(†) | 1 | 2016 | Insitu, Inc. / Bingen, WA | C / FPIF | NAVAIR HQ, Patuxent River, MD | Feb 2016 | Dec 2016 | | 3 11,440K | Y | | |

^(†) indicates the presence of a P-21

 LI 0444 - STUASLO
 UNCLASSIFIED

 Navy
 Page 5 of 8
 P-1 Line #26

 Volume 1 - 217

| E | chik | it P | -21, Pr | oduct | ion Sc | hedu | le: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | e: Feb | ruary | 2015 | 5 | | | |
|-----|-------|-------|--------------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------------|-------------|-------------|-------------|-------------|-------------|
| | - | - | ation / 04 / 1 | Budge | et Acti | vity / | Budg | get Sı | ıb Ac | tivity | ': | | Line 44 / S | | | ber / | Title: | | | | | | | | | iber / A Bla | | |)IC]: | | |
| | | | | lements in Each) | | | | | | | | Fiscal \ | ear 2015 | 5 | | | | | | | | | | Fiscal Y | ear 2016 | | | | | | |
| | | | | | ACCEPT | | | | _ | | _ | | | | alendar | Year 201 | 15 | | | | | | | | Caler | ndar Year | 2016 | | | | |
| 000 | R | FY | SERVICE | PROC QTY | PRIOR TO 1 OCT 2014 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | J J | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |
| 1.1 | .1) R | Q-21A | Systems (1) | , | | | | | | | | | | | | | | | , | | | | , | , | | | | | | | |
| 1 | 1 2 | 2015 | NAVY | 3 | - | 3 | | | | | | | Α - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | | | | | | - |
| 1 | 1 2 | 2016 | NAVY | 3 | - | 3 | | | | | | | | | | | | | | | | | Α - | - | - | - | - | - | - | - | 3 |
| | | , | | | | , | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | B A L |

LI 0444 - STUASLO Navy

| Ex | hibit | P-21, Pr | oduct | ion Sc | hedul | le: PE | 3 201 | 6 Nav | 'y | | | | | | | | | | | | | | Date | e: Fel | oruary | / 2015 | 5 | | | |
|------|---------|---------------------|---------------------|------------------------------|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|-------------|-------------|--|
| | | riation / 04 / 1 | Budge | et Acti | vity / | Budg | jet S | ub Ac | tivity | : | | | Item TUAS | | ber / | Title: | | | | | | | | Nun RQ-21 | | | - | DIC]: | | |
| | | | lements in Each) | | | | | | , | | Fiscal Y | ear 2017 | | | | | | | | | | | Fiscal Y | ear 2018 | | | , | , | | |
| | | | | ACCEPT | | | | | | | | | C | alendar | Year 201 | 7 | | | | | | | | Caler | ndar Yea | r 2018 | | | | |
| 0 0 | F R | SERVICE | PROC QTY | PRIOR TO 1 OCT 2016 | BAL DUE AS OF 1 OCT | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | A U G | S E P | |
| 1.1. | 1) RQ-2 | A Systems (1) | | | | | | | | | | | | , | | | | | | | | | | | | | | | | |
| / | 1 2015 | NAVY | 3 | 3 | - | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | 1 2016 | NAVY | 3 | - | 3 | - | - | 1 | 1 | 1 |] | | | | | | | | | | | | | | | | | | | |
| | | | | | | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | A O C | n n | A U G | чπо | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | J U | A U G | S E P | |

LI 0444 - STUASLO
Navy

UNCLASSIFIED
Page 7 of 8

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 04 / 1 | 0444 / STUASLO | 1 / RQ-21A Blackjack |

| | | Produ | ction Rates (Each | / Year) | | | | Procurement Le | adtime (Months) | | | |
|----|--------------------------|--------------|-------------------|--------------|----------------|-------------|---------|----------------|-----------------|-------------|---------|-------------|
| МЕ | R | | | | | Init | al | | | Reo | rder | |
| Re | ef | | | | ALT | ALT | | Total | ALT | ALT | | Total |
| # | MFR Name - Location | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 | Prior to Oct 1 | After Oct 1 | Mfg PLT | After Oct 1 |
| | 1 Insitu, Inc Bingen, WA | 6 | 8 | 12 | - | 6 | 10 | 16 | - | 4 | 10 | 14 |

[&]quot;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 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).

 LI 0444 - STUASLO
 UNCLASSIFIED

 Navy
 Page 8 of 8
 P-1 Line #26

 Volume 1 - 220

Exhibit P-40, Budget Line Item Justification: PB 2016 Navy

Date: February 2015

Appropriation / Budget Activity / Budget Sub Activity:

P-1 Line Item Number / Title:

1506N: Aircraft Procurement, Navy / BA 04: Other Aircraft / BSA 1: Other Aircraft

0465 / Other Support Aircraft

| ID Code (A=Service Ready, B=Not Service Ready) : A | \ | | Program Ele | ments for Co | de B Items: | | | Other Relate | d Program El | ements: | | |
|--|----------------|------------------|--------------------|-------------------|------------------|------------------|----------------|-----------------|--------------|---------|----------------|------------|
| Resource Summary | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | FY 2017 | FY 2018 | FY 2019 | FY 2020 | To Complete | Total |
| Procurement Quantity (Units in Each) | 4 | 1 | - | - | - | - | - | - | - | - | 5 | 10 |
| Gross/Weapon System Cost (\$ in Millions) | 39.867 | 14.958 | - | - | - | - | - | - | - | - | 77.732 | 132.557 |
| Less PY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Net Procurement (P1) (\$ in Millions) | 39.867 | 14.958 | - | - | - | - | - | - | - | - | 77.732 | 132.557 |
| Plus CY Advance Procurement (\$ in Millions) | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Obligation Authority (\$ in Millions) | 39.867 | 14.958 | - | - | - | - | - | - | - | - | 77.732 | 132.557 |
| (The following | Resource Sumi | mary rows are fo | or informational p | ourposes only. Ti | he corresponding | g budget request | s are document | ted elsewhere.) | Ÿ | į. | | |
| Initial Spares (\$ in Millions) | - | 2.152 | - | - | - | - | - | - | - | - | - | 2.152 |
| Flyaway Unit Cost (\$ in Thousands) | 8,507.250 | 13,770.000 | - | - | - | - | - | - | - | - | 14,561.800 | 12,060.800 |
| Gross/Weapon System Unit Cost (\$ in Thousands) | 9,966.750 | 14,958.000 | - | - | - | - | - | - | - | - | 15,546.400 | 13,255.700 |

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 four 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 Aicraft (UC-12W) program is to replace all 12 USMC UC-12B/F aircraft.

Basis for FY 2014 Budget Request:

Funds provided to procure one USMC Reserves UC-12W aircraft.

LI 0465 - Other Support Aircraft Navy UNCLASSIFIED
Page 1 of 7

P-1 Line #27

| Appropriation / Budget Activity / Budget Sub 1506N: Aircraft Procurement, Navy / BA 04: Other | | | | | | Date: | , | | | | | | |
|--|-----------------|----------|--|--|--|--|--|---|--|--|--|--|--|
| | Activity: | | | P-1 Line Item Number / Title: | | | | | | | | | |
| 1500N. Aliciali Proculement, Navy / BA 04. Othe | | BSA | 1: Other Aircraft | | Support Aircraft | | | | | | | | |
| D Code (A=Service Ready, B=Not Service Ready) : A | | | Elements for Code | | | er Related Program I | lated Program Elements: | | | | | | |
| Exhibits Schedule | | | Prior Years | FY 2014 | FY 2015 | FY 2016 Base | FY 2016 OCO | FY 2016 Total | | | | | |
| Title* | Exhibits | ID CD | Quantity / Total Cost (Each) / (\$ M) | Quantity / Total Cos (Each) / (\$ M) | | | | | |
| / Other Support Aircraft | P-5, P-5a, P-21 | | 4 / 39.867 | 1 / 14.958 | - / - | - / - | - / - | - / - | | | | | |
| otal Gross/Weapon System Cost | | | 4 / 39.867 | 1 / 14.958 | - 1 - | - 1 - | - 1 - | - 1 - | | | | | |
| Title represents 1) the Number / Title for Items; 2) the Number / Title | IDODIC1 for Am | muniti | | | | | | I . | | | | | |
| ote: Totals in this Exhibit P-40 set may not be exact or add due to ro | <u> </u> | | | | • | | | | | | | | |
| | | | | | | | | | | | | | |

LI 0465 - Other Support Aircraft Navy

Exhibit P-5, Cost Analysis: PB 2016 Navy **Date:** February 2015 Appropriation / Budget Activity / Budget Sub Activity: P-1 Line Item Number / Title: Item Number / Title [DODIC]: 1506N / 04 / 1 1 / Other Support Aircraft 0465 / Other Support Aircraft ID Code (A=Service Ready, B=Not Service Ready) : MDAP/MAIS Code: **Prior Years** FY 2014 FY 2015 **FY 2016 Base FY 2016 OCO** FY 2016 Total **Resource Summary** Procurement Quantity (Units in Each) Gross/Weapon System Cost (\$ in Millions) 39.867 14.958 Less PY Advance Procurement (\$ in Millions) Net Procurement (P1) (\$ in Millions) 39.867 14.958 Plus CY Advance Procurement (\$ in Millions) Total Obligation Authority (\$ in Millions) 39.867 14.958 (The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.) Initial Spares (\$ in Millions) 2.152 14,958.000 Gross/Weapon System Unit Cost (\$ in Thousands) 9,966.750 Note: Subtotals or Totals in this Exhibit P-5 may not be exact or add, due to rounding.

| | Р | rior Years | | | FY 2014 | | | FY 2015 | | FY | 2016 Ba | se | FY | / 2016 OC | 0 | FY 2016 Total | | |
|------------------------------------|-----------|---------------|-------------------------|------------|----------------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|-----------|---------------|-------------------------|---------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Flyaway Cost | | | | | Ŷ | | | | | | | | | | | | | |
| Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.1.1) Airframe/CFE ^(†) | 7,620.250 | 4 | 30.481 | 13,558.000 | 1 | 13.558 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.1.2) CFE Electronics | - | - | 0.273 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.1.3) GFE Electronics | - | - | 1.055 | - | - | 0.212 | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.1.6) Other GFE | - | - | 0.070 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Recurring Cost | - | - | 31.879 | - | - | 13.770 | - | - | - | - | - | - | - | - | - | - | - | - |
| Non Recurring Cost | | | | | | | | | | | | | | | | | | |
| 1.2.1) Non-Recur Cost | - | - | 0.196 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1.2.2) Ancillary Equip | - | - | 1.954 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Non Recurring Cost | - | - | 2.150 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Flyaway Cost | - 1 | - | 34.029 | - | - | 13.770 | - | - | - | - | - | - | - | - | - | - 1 | - | - |
| Support Cost | | | | | | | | | | | | | | | | | | • |
| 2.1) Airframe PGSE | - | - | 0.913 | - | - | 0.367 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.2) Engine PGSE | - | - | 0.066 | - | - | 0.075 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.3) Avionics PGSE | - | - | 0.090 | - | - | 0.173 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.4) Pec Trng Eq | - | - | - | - | - | 0.063 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.5) Pub/Tech Eq | - | - | - | - | - | 0.053 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.6) Prod Eng Supt | - | - | 4.718 | - | - | 0.248 | - | - | - | - | - | - | - | - | - | - | - | - |
| 2.7) Other ILS | - | - | 0.051 | - | - | 0.209 | - | - | - | - | - | - | - | - | - | - | - | - |
| Subtotal: Support Cost | - | - | 5.838 | - | - | 1.188 | - | - | - | - | - | - | - | - | - | - | - | - |

LI 0465 - Other Support Aircraft Navy

UNCLASSIFIED Page 3 of 7

Volume 1 - 223 P-1 Line #27

Exhibit P-5, Cost Analysis: PB 2016 NavyDate: February 2015Appropriation / Budget Activity / Budget Sub Activity:P-1 Line Item Number / Title:Item Number / Title [DODIC]:1506N / 04 / 10465 / Other Support Aircraft1 / Other Support Aircraft

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 add, due to rounding.

| | Prior Years | | | FY 2014 | | | FY 2015 | | | FY 2016 Base | | | F | Y 2016 OC | 0 | FY 2016 Total | | |
|-----------------------------|-------------|---------------|-------------------------|------------|---------------|-------------------------|-----------|---------------|-------------------------|--------------|---------------|-------------------------|-----------|---------------|-------------------------|---------------|---------------|-------------------------|
| Cost Elements | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) | Unit Cost | Qty (Each) | Total Cost (\$ M) |
| Gross/Weapon System Cost | 9,966.750 | 4 | 39.867 | 14,958.000 | 1 | 14.958 | - | - | - | - | - | - | - | - | - | - | - | - |

^(†) indicates the presence of a P-5a

| Exhibit P-5a, Procurement History and Planning: PB 2016 | Date: February 2015 | | | | | | | |
|---|--|---------------------|---|--|--|--|--|--|
| Appropriation / Budget Activity / Budget Sub Activity: 1506N / 04 / 1 | P-1 Line Item Number / Title: 0465 / Other Support Aircraft | | Item Number / Title [DODIC]: 1 / Other Support Aircraft | | | | | |
| 0 | Method/Type | Date Award of First | Specs Date RFP | | | | | |

| Cost Elements | 0 C 0 | FY | Contractor and Location | Method/Type or Funding Vehicle | Location of PCO | Award Date | Date of First Delivery | Qty (Each) | Unit Cost | Specs Avail Now? | Date Revision Available | RFP Issue Date |
|------------------------------------|-------------|------|--|--------------------------------------|-----------------|---------------|------------------------------|---------------|------------|------------------------|-------------------------------|----------------------|
| 1.1.1) Airframe/CFE ^(†) | | 2014 | HAWKER BEECHCRAFT CORPORATION / Wichita, KS | C/FFP | Wichita, KS | Feb 2015 | Aug 2016 | 1 | 13,558.000 | Y | | |

^(†) indicates the presence of a P-21

| Ex | hibi | t P | -21, Pro | oduct | ion Sc | hedul | le: PE | 3 201 | 6 Nav | /y | | | | | | | | | | | | | | Date | e: Feb | oruary | 2015 | 5 | | |
|--------|----------|-------|--------------------|-------------------|-------------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------------|-------------|---------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|-------------|----------------|-----|-------------------|
| - | - | - | ation / 1 4 / 1 | Budge | et Acti | vity / | Budç | get Sı | ub Ac | tivity | : | 1 | Line 65 / O | | | | | | | | | | | | | | | [DOE rcraft | | |
| | | | | ements n Each) | | | | | | | | Fiscal Y | ear 2015 | | | | | | | | | | | Fiscal Y | ear 2016 | | | | | |
| 0 | | | | | ACCEPT PRIOR TO 1 | BAL DUE | 0 | N | D | J | F | м | A | м | alendar | Year 201 J | 5 A | s | 0 | N | D | J | F | м | Caler | ndar Year M | 7 2016 J | J | Α : | s B |
| С О | R | Y | SERVICE | PROC QTY | OCT 2014 | AS OF 1 OCT | C T | O V | E C | A N | E B | A R | P R | A Y | U N | U L | U G | E P | C T | 0 V | E C | A N | E B | A R | P R | A Y | U N | U L | | E A P L |
| | 1) Airfr | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Prio | r Year | s Del | liveries: 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 20 | 14 | NAVY | 1 | - | 1 | | | | | Α - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - |
| | | • | | | | | O C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | N N | J J | A U G | S E P | 0 C T | N O V | D E C | J A N | F E B | M A R | A P R | M A Y | J U N | J U L | U | S B E A P L |

| Exhibit P-21, Production Schedule: PB 2016 Navy | | Date: February 2015 |
|--|-------------------------------|------------------------------|
| Appropriation / Budget Activity / Budget Sub Activity: | P-1 Line Item Number / Title: | Item Number / Title [DODIC]: |
| 1506N / 04 / 1 | 0465 / Other Support Aircraft | 1 / Other Support Aircraft |

| | | Produ | ction Rates (Each | / Year) | Procurement Leadtime (Months) | | | | | | | | | | | | |
|----------|--|---------------|-------------------|---------------|-------------------------------|--------------------|----------|----------------------|-----------------------|--------------------|----------|----------------------|--|--|--|--|--|
| MFF | | | | | | Initia | al | | Reorder | | | | | | | | |
| Ref | | MSR For 2016 | 1-8-5 For 2016 | MAX For 2016 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfg PLT | Total After Oct 1 | ALT Prior to Oct 1 | ALT After Oct 1 | Mfa PLT | Total After Oct 1 | | | | | |
| " | HAWKER BEECHCRAFT CORPORATION - Wichita, | WISK FOI 2010 | 1-0-3 FOI 2010 | WIAX FOI 2010 | Filor to Oct 1 | Alter Oct 1 | Wilg FLI | Aiter Oct 1 | Filor to Oct 1 | Aiter Oct 1 | Wilg FLI | Arter Oct 1 | | | | | |
| | KS | - | - | - | - | 10 | 18 | 28 | - | 10 | 18 | 28 | | | | | |

[&]quot;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 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).

LI 0465 - Other Support Aircraft Navy

UNCLASSIFIED
Page 7 of 7

P-1 Line #27

